

WATER DISTRIBUTION OF BOISE RIVER
DISTRICT NO. 12-A
1940

DEPARTMENT OF RECLAMATION

CHARTS

REPORT ON

CANAL DELIVERIES FROM

BOISE RIVER

DIFFERENT FEATURES AFFECTING THESE DELIVERIES FOR THE IRRIGATION SEASON OF 1940

(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 DISTRIBUTION OF STORAGE WATER FROM ARROW-ROCK RESERVOIR)

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

W. E. WELSH

CHARTS

(Continued)

CHARTS

1. Table for Boise Valley canals showing acre feet diverted, acre irrigated and acre feet per acre diverted for the season of 1940.
2. Table showing acre feet per acre diverted by 18 canals from 1916 to 1940.
3. Map of Boise River, showing canal diversions.
4. 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, 2-G, 2-H, 2-I, 2-J, and 2-K, daily discharge of Boise River during 46-year period.
5. Table showing mean daily flow of Boise River for a 42-year period.
6. Table showing monthly and annual flow of Boise River in acre feet for the irrigation years beginning 1894-1895.
7. 5-A, 5-B, 5-C, 5-D, and 5-E, daily discharge of all canals (Sections 1 and 2) for irrigation season of 1940.
8. Summary table in acre feet showing monthly and total canal diversions for the irrigation season of 1940.
9. Summary table showing total annual diversions for all Boise Valley Canals beginning 1916.
10. 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 1940.
11. 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 1940.
12. 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 1940.
13. 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 1940.
14. Table showing acreage under all canals in the Boise Valley.

CHARTS

(Continued)

13. Table for Boise Valley canals showing acre feet diverted, acres irrigated and acre feet per acre diverted for the season of 1940.
14. Table showing acre feet per acre diverted by 18 canals from Boise River for each irrigation season beginning in 1916.
15. Summary table showing diversions from Boise River in acre feet, acre feet per acre, and the rate in miner's inches per acre for 18 Boise Valley canals for each month of the irrigation season during the years 1916 to 1940 inclusive; also, the per cent diverted during each month.
16. Chart showing average headgate duty of water for 18 Boise Valley Canals.
17. Table showing total canal diversions and total discharge of drainage canals in Drainage District No. 2 for the irrigation season of 1940.
18. Summary table of return flow to Boise River between More's Creek and Notus beginning 1914.
19. Two tables showing total discharge of all drainage canals in Drainage Districts Nos. 3 and 4, for the irrigation season of 1940.
20. 20-A, 20-B, revised area and capacity table for Arrowrock Reservoir.
21. Table showing additional decrees on Boise River (Interveners in the Stewart Decree), giving priority number, date and amount decreed.
22. Table showing change in point of diversion of decreed rights on Boise River.
23. Table showing transfers of decreed rights on Boise River.
24. Condensed table of Stewart Decree showing dates of priority and amounts decreed.
25. Stewart Decree grouped under canal headings.
26. 26-A, 26-B, 26-C, tables showing decreed rights (Stewart Decree) and natural flow at Diversion Dam necessary to fill same. 26-D, table showing decreed rights (Bryan Decree) and natural flow in second feet necessary at Diversion to fill same.

Mention should also be made of the splendid assistance and cooperation rendered by the Commissioner of Reclamation in furnishing office room and equipment and the many courtesies extended during the year by the personnel of this office.

The Boise River organization includes an Advisory Committee of nine members, a watermaster, and one assistant watermaster during the irrigation season on the lower end of the Boise River, and one part-time secretary and stenographer.

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., in March. This Advisory Committee represents various sections of the Boise Valley. In addition to preparing and recommending a budget for the annual meeting, it meets from time to time to consider various questions affecting the water-users and the water rights from the evidence on the question of duty of water, where it has been pending Boise River. It also considers and assists in determining questions of policy having to do with the operation of Water District 12-A. This committee for 1940 was as follows:

J. M. Lampert, Chairman
Ed Straus, Secretary
Ernest Anderson
J. C. Bell
T. M. DeCoursey
John Demond
W. T. Evens
H. V. Rice
I. A. Weaver

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

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

flow of the waters in the Boise River decrease below the amount necessary to supply said 75 per cent of the water rights as decreed in said Stewart Decree, then the various rights beginning with the latest and proceeding to the earliest, as aforesaid, shall be reduced to 50 per cent of the amount specified in said Stewart Decree

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.,

which is commonly referred to as the "Stewart Decree". This case has been appealed to the Supreme Court and affirmed as to priority and acreage, but remanded to the District Court for additional evidence on the question of duty of water, where it has been pending for a number of years. A temporary order providing for the distribution of the waters of Boise River, was issued by that Court from Year to Year. In 1919 this order was made continuing. This same order was used for 1940. It provided for the distribution of

the waters from Boise River in the following manner, to-wit: "The various rights, as adjudicated in the so-called 'Stewart Decree' shall receive 100 per cent, until the natural flow of the waters of Boise River shall decrease or until all the rights in said decree cannot receive 100 per cent, at which time the various rights as adjudicated in the so-called 'Stewart Decree' shall first be cut to 75 per cent of the amount of water decreed by the Stewart Decree as the natural flow of the Boise River decreases, beginning with the latest rights and proceeding to the earliest rights in the order fixed in said 'Stewart Decree', and after all rights shall have been reduced to 75 per cent of the amount fixed in the Stewart Decree, should the natural

flow necessary at Diversion Dam to fill the various rights in the flow of the waters in the Boise River decrease below the amount Stewart Decree, including intervenors, to 60 per cent, 75 per cent necessary to supply said 75 per cent of the water rights as decreed and 100 per cent. In computing the amounts necessary to fill the various rights in this table it is assumed that the return flow will fill latest and proceeding to the earliest, as aforesaid, shall be reduced to 60 per cent of the amount specified in said Stewart Decree and 60 per cent of the amount specified in said Stewart Decree is hereby fixed and determined as the highest duty of water for the year 1919."

Chart 26-B is a table showing the decreed rights contained in 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 duty of water, also for the purpose of determining certain other rights.

On January 30, 1932, Judge O. E. SUTTON signed an order temporarily establishing the various rights in the Flood Water Suit and providing for a duty of water similar to the "sliding scale" in the "Stewart Decree".

This order remained in effect during the season of 1940.

Chart 26, 26A, 26B, 26C, relate to the Stewart Decree and show the following information: number of priority, name to whom decree was issued, section of River in which point of diversion is located, amount of decree in second feet showing 100 per cent, 75 per cent, and 60 per cent. It also shows the amount of natural

flow necessary at Diversion Dam to fill the various rights in the Stewart Decree, including intervenors, to 60 per cent, 75 per cent and 100 per cent. In computing the amounts necessary to fill the various rights in this table it is assumed that the return flow will fill the first 32 rights to 60 per cent of the amount decreed. It is also assumed that the return flow to section 2 and 3 of the River would fill the rights with points of diversions in those sections of the River to 75 per cent of the amount decreed.

Chart 26-D is a table showing the decreed rights contained in the Bryan Decree or Flood Water Decree. It shows the date of priority, name of water users to whom decree was issued, amount of decree in second feet showing 100 per cent, 75 per cent and 60 per cent. It also shows the amount of natural flow necessary at Diversion Dam to fill the various rights in the Flood Water Decree to 60 per cent, 75 per cent and 100 per cent. Charts 5 to 5-N, inclusive, show the canal diversions from the

BOISE RIVER RUNOFF

The total runoff of the Boise River for the irrigation year of 1939-40 was 1,612,348 acre feet. There was approximately 400,000 acre feet of water wasted during the winter and spring months. Due to an early run-off it was necessary to start using Arrowrock storage and also to commence river regulations on June 8th. This condition resulted in a severe shortage during the later summer and fall months, but it was released considerable, however, by the rains which occurred during the months of September and October.

The same method that was employed for the past several seasons of arriving at the daily natural flow of the Boise River was used during the season of 1940.

A study of the Charts 2, 2-K inclusive, will give a comparison

of the daily discharge of the Boise River for the full 12-month period, for each year from 1895 to 1940, inclusive. The season of 1940 Chart 3 is a table showing the mean daily flow of the Boise River for a 41-year period. FLUCTUATION

Chart 4 is a table compiled from previous charts, showing the total monthly and annual flow of the Boise River in acre feet for the irrigation years beginning 1894-1895. previous reports, a

gauge in the River below Bar. CANAL REGULATIONS order placed in the

Canal regulations were quite similar to previous years. As stated above, they commenced on June 8th and continued throughout the remainder of the season. One regular assistant was employed during this period on the lower end of the River and also a special assistant was employed to regulate the diversions on, and adjacent to, Eagle Island during the special runs made by the Phyllis canal.

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

Chart 6 shows the monthly and total diversions for the Boise River for the irrigation season of 1940. the part of the River which

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. the Caldwell High Line Canal and

the Lotus Bridge. Section TRIBUTARY GAIN at part of the River be-

Data was 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. the period July 1 to September 30, inclusive. The aver-

age gain to this section during the period was 216 second feet. NET GAIN

Chart 9 shows the total flow of the Boise River passing More's

SECTION II
Creek, canal deliveries, and gain to the river by months in acre feet, and also average daily flow for each month during the season of 1940.

RIVER FLUCTUATION

River Fluctuations were more severe during the season of 1940 than for many years past. The cause of this has not been definitely determined but as suggested in previous reports, a gage in the River below Barber pond with a recorder placed in the power plant at Barber where the power plant operator could operate and regulate the flow passing the Barber Dam would probably be of considerable assistance.

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

CLASSIFICATION OF RIVER

The Boise River naturally divides itself into three separate and 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 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 gain to this section during the period was 216 second feet.

over the valley are changing. SECTION II knowledge and methods of

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

There are 8 canals diverting water from this section, with an aggregate decreed right of 540 second feet. Usually it is necessary to run "live water", or natural flow past the headgate of the Caldwell High Line Canal and into this section of the river during the spring months and until the rights in the Stewart Decree are cut to 75 per cent. After that time the river is dried completely at the headgate of the Caldwell High Line Canal and these 8 canals diverting from Section II of the river are supplied entirely from return flow.

The average return flow to this section during the period was 413 second feet.

SECTION III

The return flow of Section III was sufficient to take care of all rights in this section during the entire season and, therefore, no regulations were required in this section.

DUTY OF WATER

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

"The determination of the duty of water in both the 'Stewart Decree' and the 'Bryan Decree' is still pending in the District Court at Caldwell, Idaho.

"In the opinion of the writer it is doubtful if a fixed and established duty of water will ever prove satisfactory for the Boise Valley. A duty of water that would take care of crop requirements for one season would be inadequate for another. Seasonal conditions are continually changing. Likewise, conditions

over the valley are changing. Our knowledge and methods of irrigation are constantly improving with each year of experience.

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

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

The temporary court order, providing for the "sliding scale cuts", under which the Boise River has been operated for more than twenty years, has proved very satisfactory when the entire valley is taken into consideration. The temporary court order is given in full on page 2 of this report.

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

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

Chart 14 is a summary table for the years 1916 and 1940, inclusive, for the diversions of 18 Boise Valley Canals, showing the acre feet per acre diverted.

Chart 15 is a table for 18 Boise Valley canals for the period from 1916 and 1940, inclusive, showing the total acre feet.

A comparison of charts 17 and 19 discloses the following with reference to drainage discharges:

diverted, acre feet per acre, rate in miner's inches per acre, and per cent per month.

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

DRAINAGE

Chart 17 shows the total canal diversions and the total drainage discharge for Drainage District No. 2 for the season of 1940.

Drainage District No. 3, frequently referred to as the South Boise Drainage District, situated in South Boise. This district has four drains or outlets emptying into Boise River, and comprises an area of approximately 4200 acres.

Drainage District No. 4, frequently referred to as the Thurman Drain, comprising an area of approximately 2500 acres, is situated south of the Boise River, and opposite the town of Eagle. This district has only one outlet to the river.

Chart 19 is a table showing the discharge of all drains in Drainage Districts Nos. 3 and 4.

Chart 18 is a table showing the average return flow to the Boise River for the period from 1914 to 1940, inclusive.

CHART 18 POINTS OF DIVERSIONS

Chart No. 22 is a table showing the changes in the points of diversions of the Bureau rights on Boise River, as recorded in the office of the Commission of Reclamation.

A comparison of charts 17 and 19 discloses the following with reference to drainage discharges:

Year	Drainage Districts		
	No. 2	No. 3	No. 4
1922	2.90		
1923	2.99		
1924	2.59		
1925	2.42	1.43	2.66
1926	1.97	1.03	2.07
1927	2.62	1.29	2.70
1928	2.78	1.15	2.55
1929	2.27	1.16	2.02
1930	2.61	.96	2.45
1931	1.99	.86	1.82
1932	2.36	1.25	2.03
1933	2.36	1.18	2.26
1934	2.18	.89	2.34
1935	2.27	1.04	2.10
1936	2.55	1.43	2.12
1937	2.37	.83	2.36
1938	2.84	.83	2.25
1939	2.32	1.00	3.60
1940	2.51	1.01	2.36

ARROWROCK CAPACITY

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

ADDITIONAL DECREES

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

CHANGE IN POINT OF DIVERSIONS

Chart No. 22 is a table showing the changes in the points of diversions of the decreed rights on Boise River, as recorded in the office of the Commissioner of Reclamation.

TRANSFERS

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

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 as contained in Stewart Decree, and the natural flow at Diversion Dam necessary to fill the same.

STEWART AND BRYAN DECREES GROUPED BY CANAL HEADINGS

This table, chart No. 25, has been compiled for the benefit of those canal companies who have more than one date of priority. This table shows the date and amount of each priority and the total amount decreed.

BRYAN DECREE

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

TRANSFERS

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

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 as contained in Stewart Decree, and the natural flow at Diversion Dam necessary to fill the same.

STEWART AND BRYAN DECREES GROUPED BY CANAL HEADINGS

This table, chart No. 25, has been compiled for the benefit of those canal companies who have more than one date of priority. This table shows the date and amount of each priority and the total amount decreed.

BRYAN DECREE

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

COST REPORT - 1940

Watermaster Salary	\$ 3250.00
Assistant Watermaster Salary	474.05
Car Mileage	1101.84
Miscellaneous	274.79
Telephone	122.55
<u>WATERSHED</u>	
Gage Readings	80.00
Hydrographic Services	483.87
Insurance (Workmen's Compensation)	108.39
The question of watershed protection continues to be	
a matter of serious concern to the Water-Users of the Boise	
Valley.	
Sub-total	
\$ 5895.69	

The Water-Users should continue to cooperate with the Forest Service. The Forest and Range experimental station near Idaho City will probably have some valuable information. A reasonable program of experimentation and investigation should be continued.

The rights and interests of the Water-Users of the Boise River should be continuously guarded and protected.

Amplification in current Water Work	180.00
Office Work, compiling records of	120.00
natural flow, etc.	270.00
Amplification in current Water Work	135.00
Office Work, compiling records of	225.00
natural flow, etc.	
Total value of services as fixed	
by Commission	\$ 1630.00

TOTAL COST TO WATER DISTRICT 12-4 FOR THE IRRIGATION SEASON OF 1940 \$ 4265.69

COST REPORT - 1940

CONCLUSION

1. Watermaster Salary	\$ 3250.00
the Assistant Watermaster Salary	474.05
benef Car Mileage	1101.84
2. Miscellaneous	274.79
water Telephone	122.55
cont'd Gage Readings	80.00
3. Stenographic Services	483.87
sect Insurance (Workman's Compensation)	<u>108.59</u>
4. That the river can be Sub-total	\$ 5895.69
lower end of Section I without injury to the rights in	
Section II during the low-water period of each irrigation year.	
5. That the return flow is a vital factor and must be	
considered in the	
SERVICES RENDERED BY THE U. S.	
BUREAU OF RECLAMATION AND THE	
BOARD OF CONTROL, BOISE RIVER	
6. That all tributary streams should be considered as a	
part Gage Readers, Dowling	180.00
7. Does the trans More's Creek rights from Section II	120.00
8. Telephone Service to Upper River	270.00
9. Assistance in Current Meter Work	235.00
10. Office Work, compiling records of systems in the Boise	
natural flow, etc.	<u>225.00</u>
Total value of services as fixed	
by Committee	\$ 1030.00
11. That by reason of the construction of these drainage	
canals, certain waters which were formerly lost through seepage,	
are TOTAL COSTS TO WATER DISTRICT 12-A	
FOR THE IRRIGATION SEASON OF 1940	\$ 6925.69
the water months, are probably now reaching the river during the	

CONCLUSION

1. That an Advisory Committee with authority to represent the water users and to advise with the watermaster is very beneficial and helpful, and should be continued.
2. That the records and data as compiled in the watermaster's reports for more than twenty-five years should be continued.
3. That the river naturally divided itself into three sections during the low-water period.
4. That the river can be completely dried up at the lower end of Section I without injury to the rights in Section II during the low-water period of each irrigation year.
5. That the return flow is a vital factor and must be considered in the operation of the river.
6. That all tributary streams should be considered as a part of the available water supply of the Boise River.
7. That the transfer of water rights from Section II to Section I is injurious to the rights already existing in Section I.
8. That the construction of drainage systems in the Boise Valley has changed the irrigation requirements within these districts.
9. 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.

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

11. That a reasonable program of research work should be continued by U. S. Forest Service on the Boise River watershed for the purpose of determining the best manner that will not be injurious to the inherent rights of the water users who are dependent upon this resource for a livelihood.

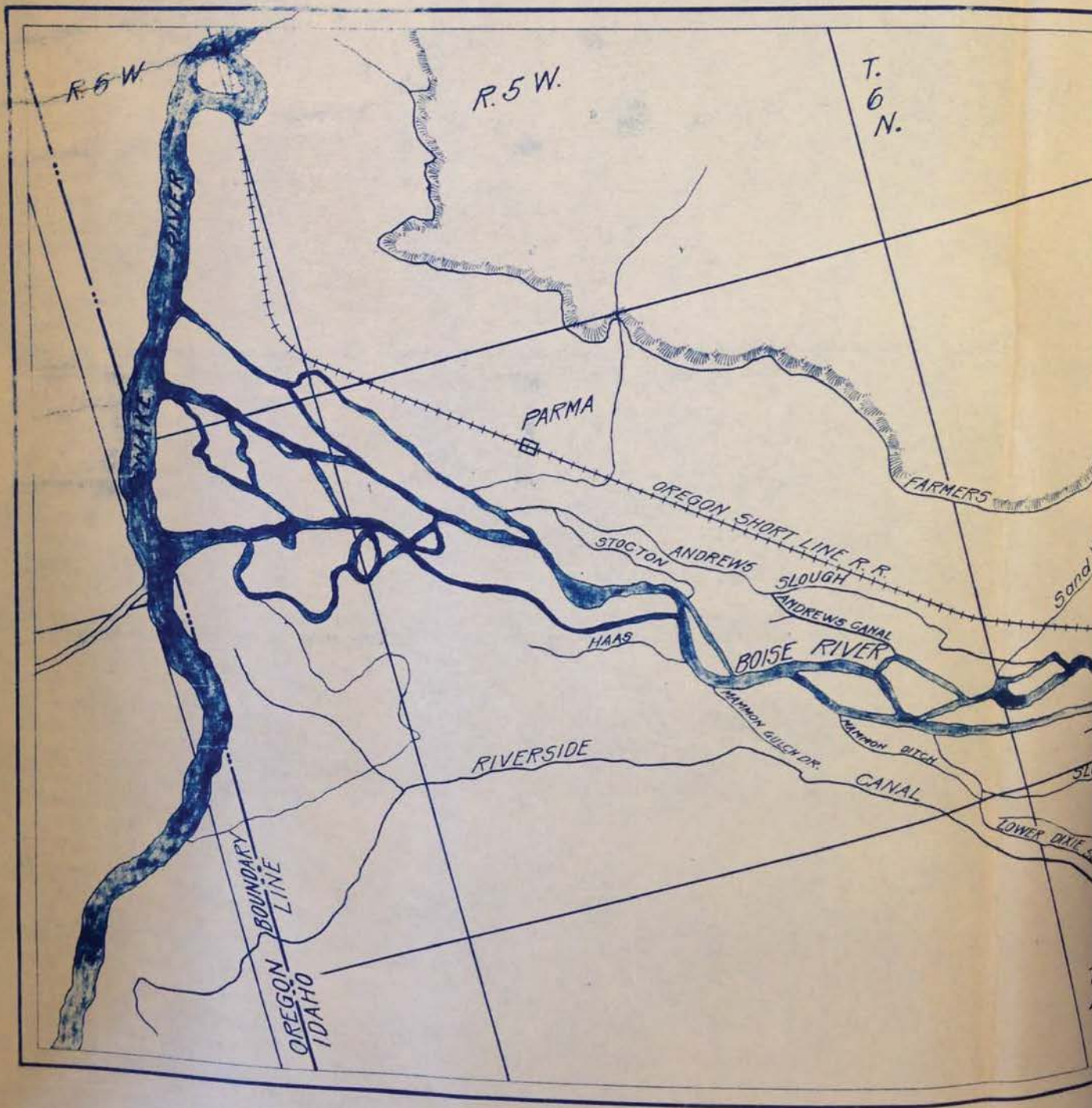
12. That the knowledge and data upon which a permanent duty of water must necessarily be based, are constantly being improved and increased.

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

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

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

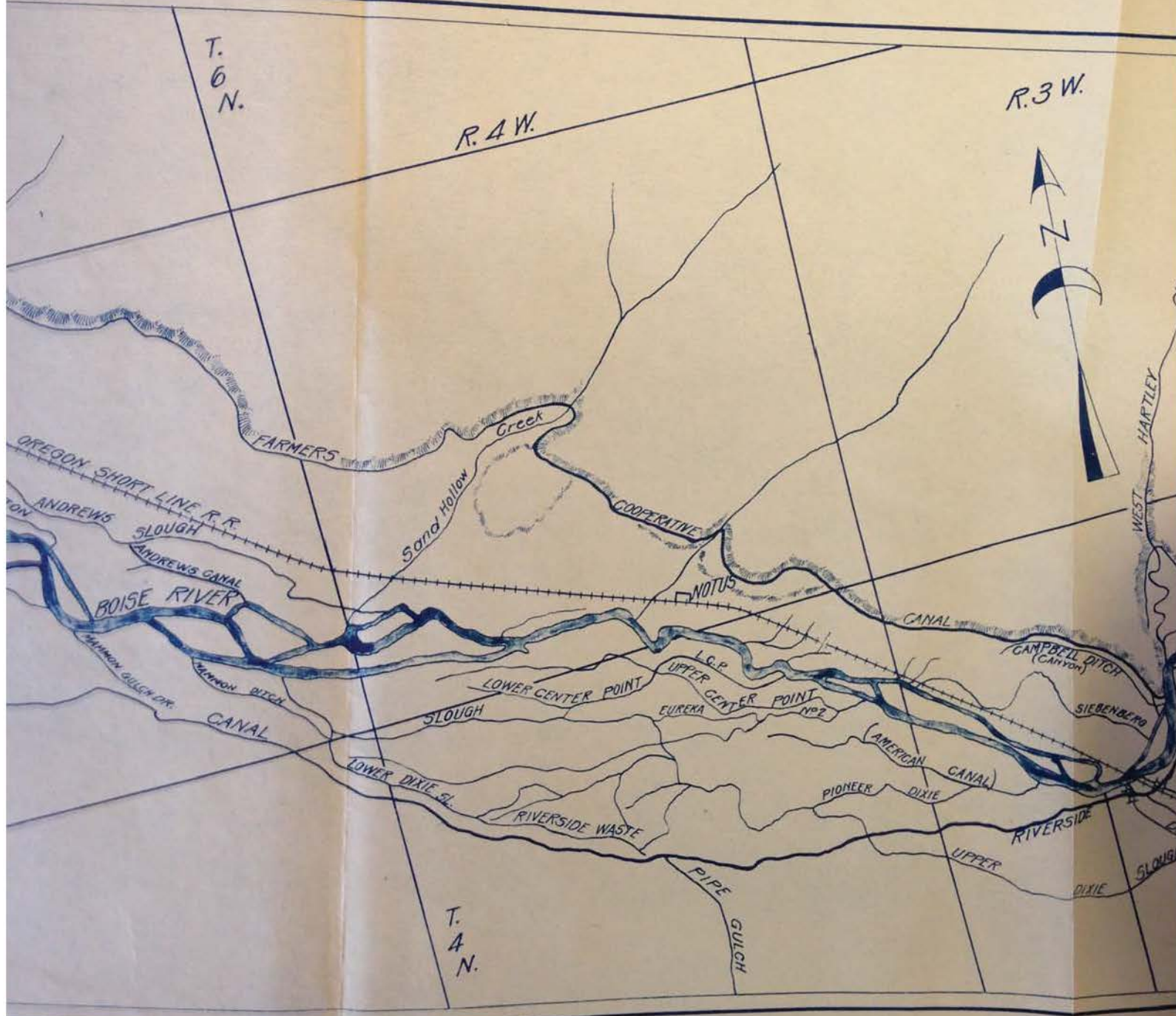
* * * * *



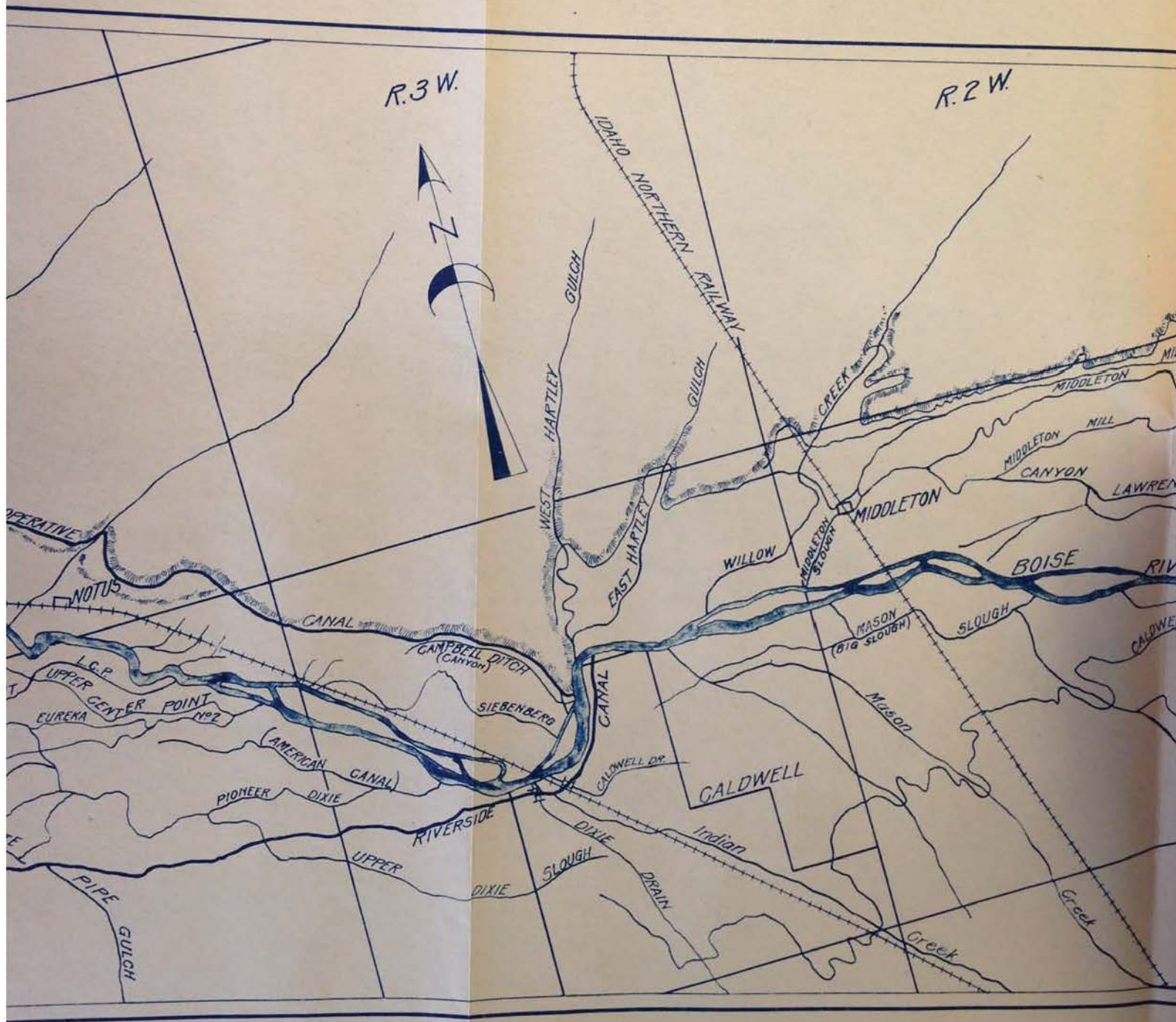
T.
6
N.

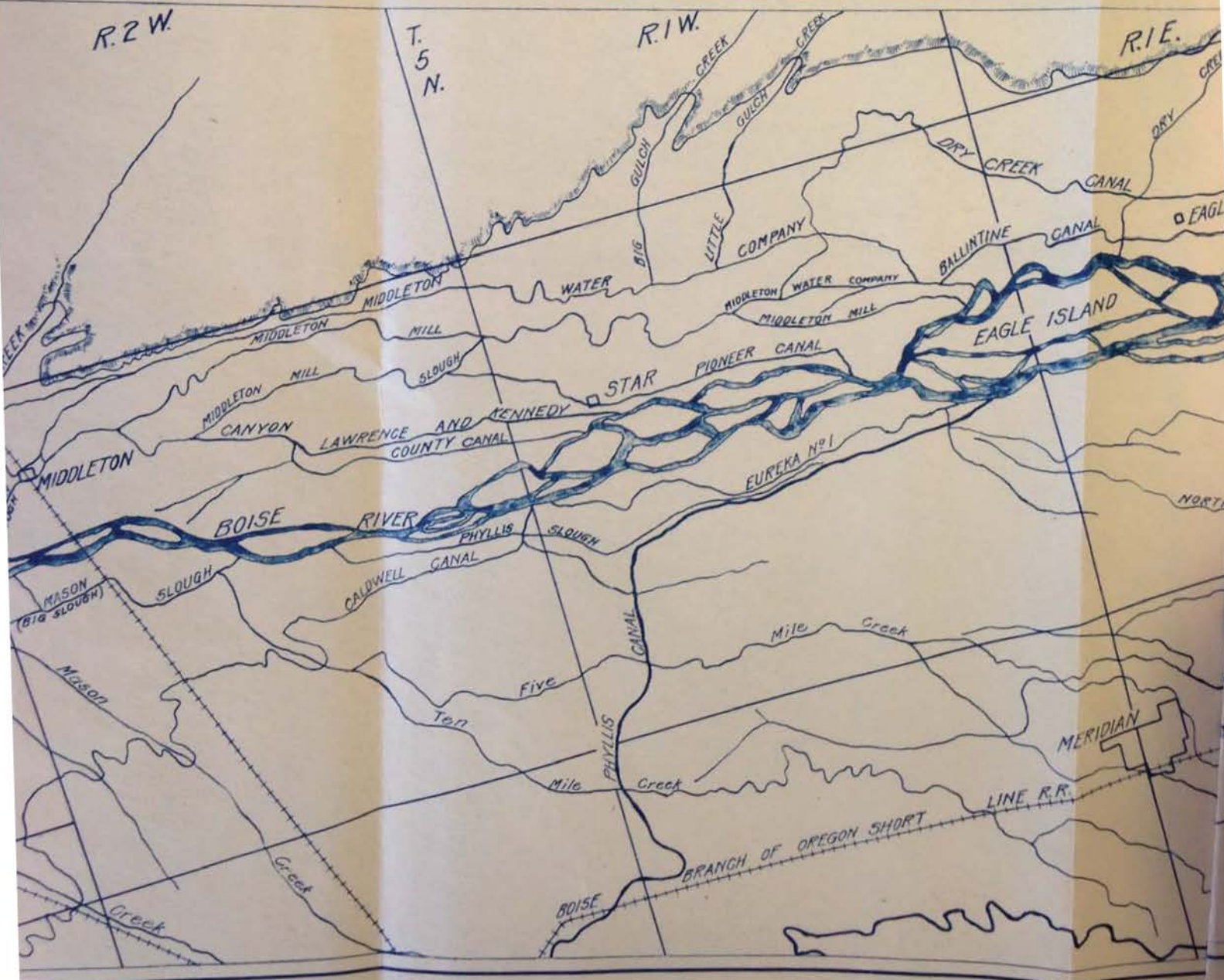
R. 4 W.

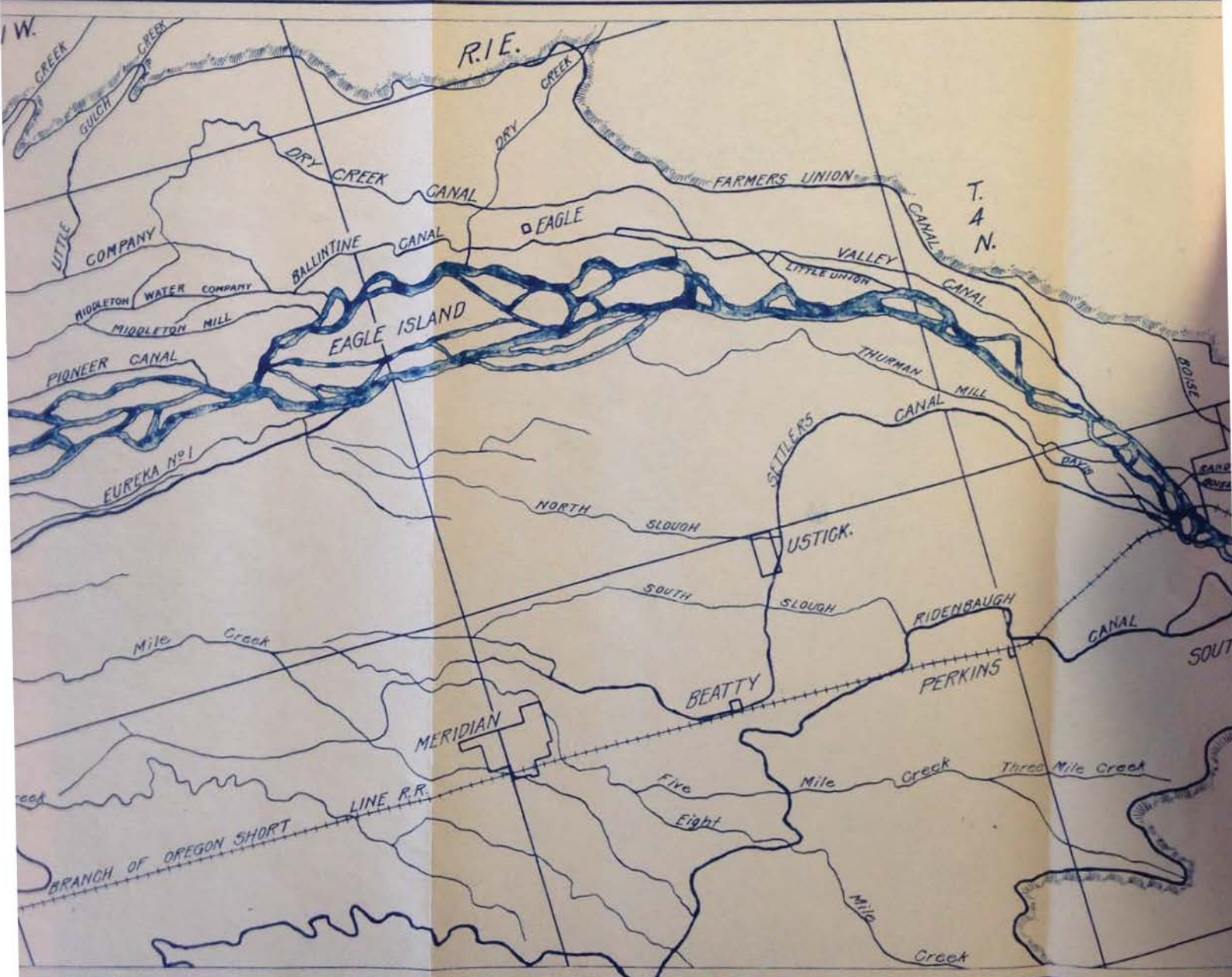
R. 3 W.



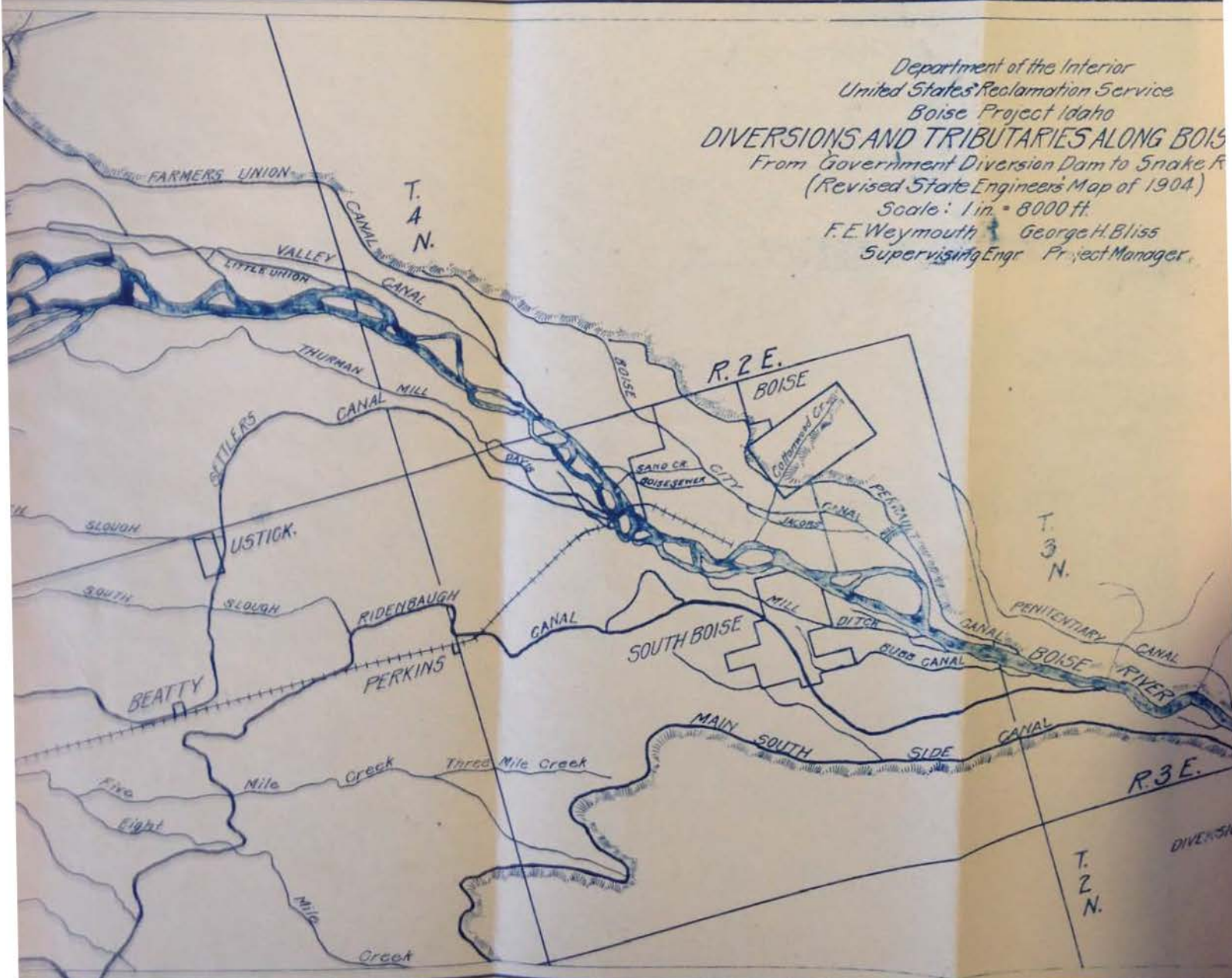
WEST HARTLEY



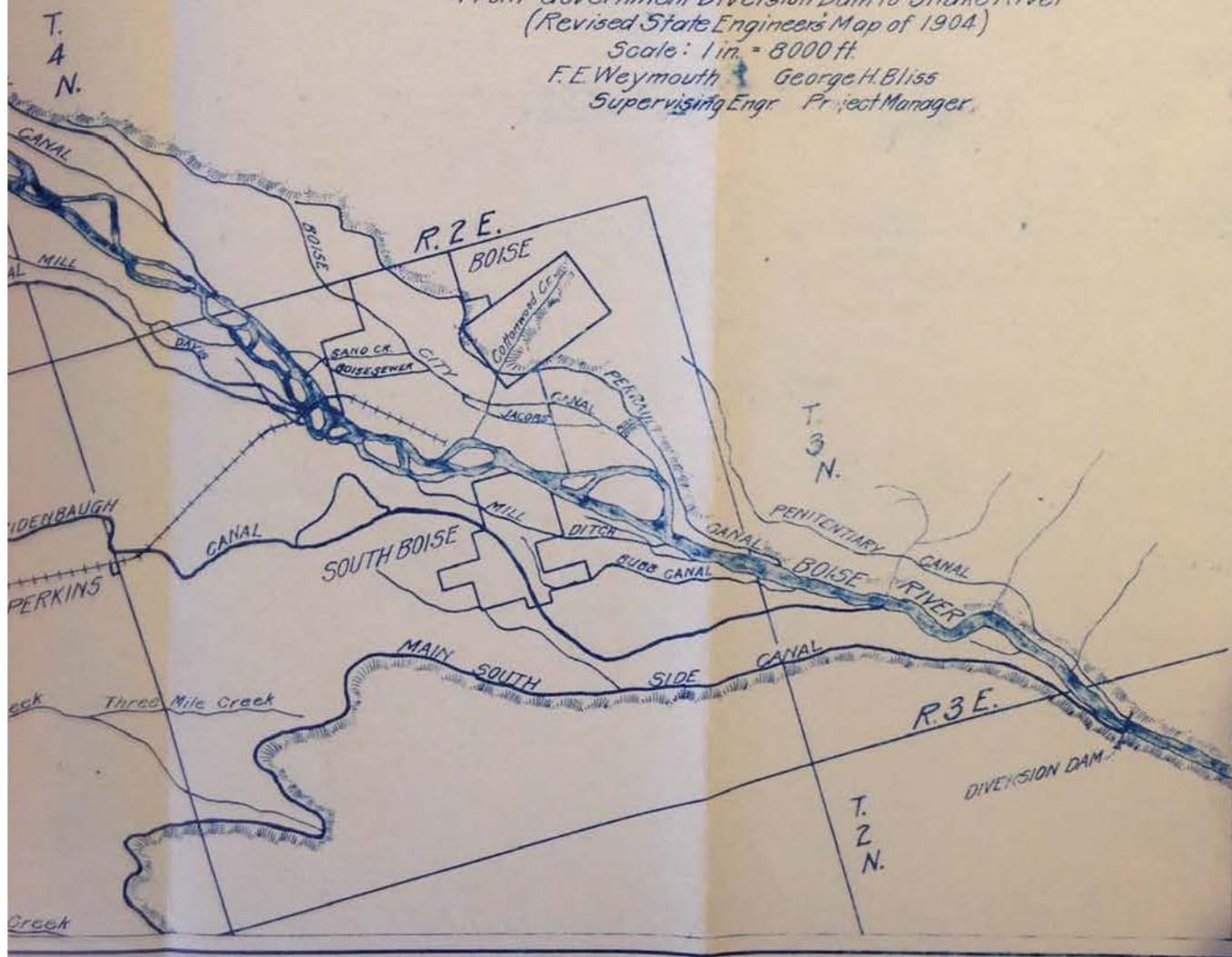




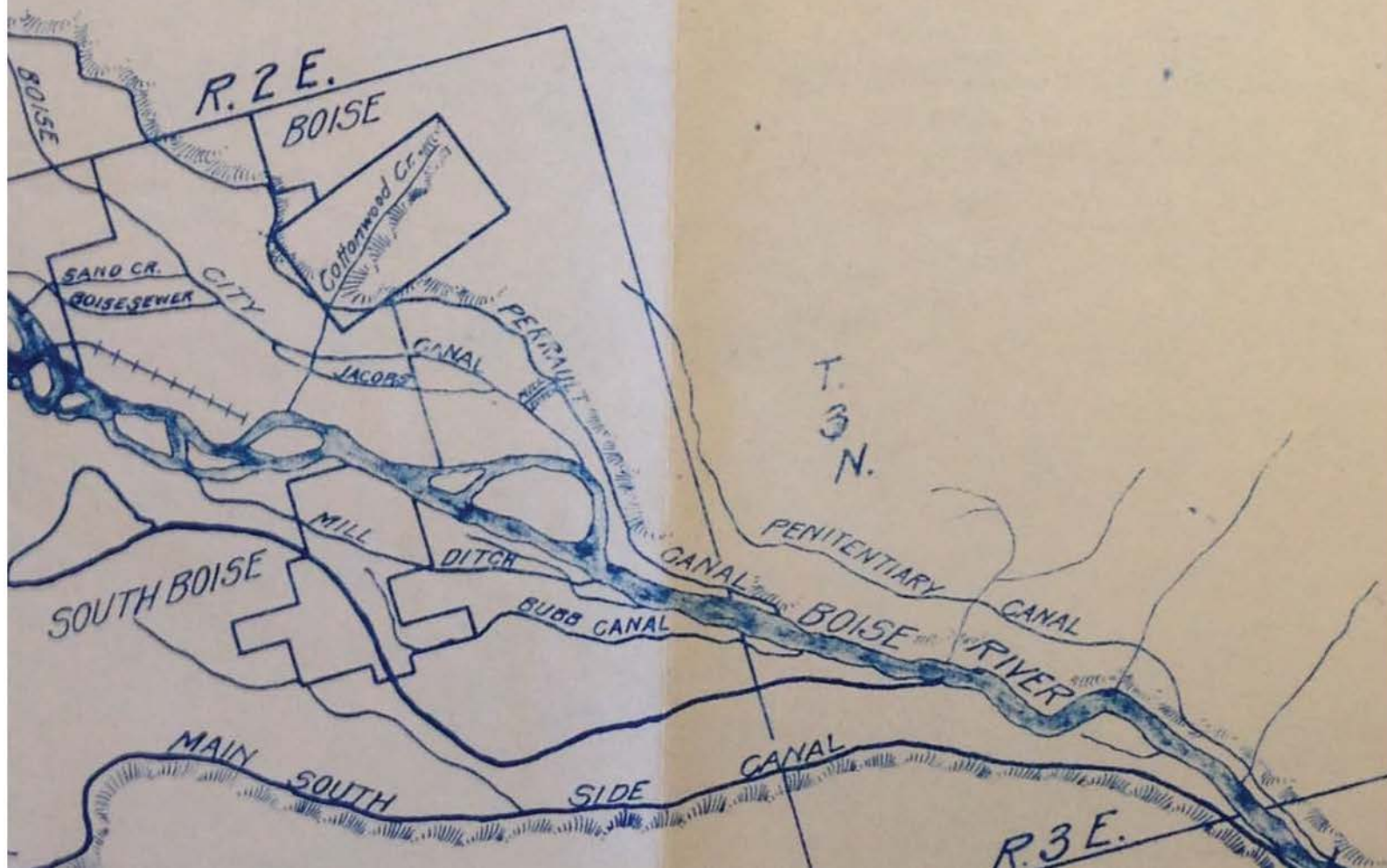
Department of the Interior
 United States Reclamation Service
 Boise Project Idaho
DIVERSIONS AND TRIBUTARIES ALONG BOISE
 From Government Diversion Dam to Snake R.
 (Revised State Engineers' Map of 1904)
 Scale: 1 in. = 8000 ft.
 F.E. Weymouth & George H. Bliss
 Supervising Engr. Project Manager.



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



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.



Year	1	2	3	4	5	6	7	8	9	10	11	
1895	1470	1410	1280	1320	1530	1240	1180	980	1100	1240	1280	1
1896	950	1070	720	720	720	720	720	950	950	950	950	10
1897	1070	1010	1010	950	950	890	890	950	950	1010	890	8
1898			550			550				550		
1899	2580	2580	2580	2580	2580	2780	2780	2780	2780	2780	2780	27
1900	1570	1680	1680	1570	1680	1680	1680	1570	1360	1360	1570	19
1901	1200	1200	1350	1310	1370	1510	1390	1350	1350	1350	1270	12
1902	1120	1270	1190	1140	1080	1120	1120	1140	1120	1040	900	86
1903	1280	1070	945	1040	945	945	945	945	945	945	1080	75
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	1230	1100
1913												
1914	1080	1150	1220	1220	1220	1220	1220	1220	1080	950	824	824
1915	930	1050	1050	1050	1050	990	990	980	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	868	715	811	740	769
1918	5248	4046	3033	2462	2244	2153	2078	1964	1826	1738	1428	1419
1919	5569	605	555	535	620	680	740	659	669	674	684	727
1920	883	863	815	737	728	696	784	787	797	698	674	657
1921	2600	2129	3154	2307	2458	2330	2279	1751	1540	1545	1393	1217
1922	972	1280	1255	1111	921	1046	990	1178	1092	983	905	694
1923	1078	765	869	855	944	1028	1426	1538	1390	1317	1210	1155
1924	764	675	659	789	609	484	600	824	945	1248	949	899
1925	923	783	724	782	772	794	837	867	667	714	715	629
1926	604	574	823	866	850	889	940	830	756	688	802	772
1927	1026	1079	1033	1317	2062	1115	1193	1121	941	762	704	1179
1928	791	1142	1433	1510	1566	1690	1368	1230	991	1423	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	944
1936	702	742	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	904	989	999
1939	1221	925	1026	1014	1304	1021	812	686	481	822	794	849
1940	950	1031	1446	1447	1220	1014	864	660	872	1004	1128	

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

9	10	11	12	13	14	15	16	17	18	19	20	21
1100	1240	1280	1330	1510	1650	1490	1450	1430	1370	1330	1280	1240
950	950	950	1070	950	720	720	620	1010	1280	1350	1430	1870
950	1010	890	830	720	620	620	620	570	570	570	720	830
	550			550				550			550	
2780	2780	2780	2780	2780	2780	2980	2980	2980	2980	2980	2980	2980
1360	1360	1570	1910	1910	2480	4120	3910	3520	2810	2330	2260	2180
1350	1350	1270	1270	1270	1350	1430	1270	1270	1200	1200	1270	1310
1120	1040	900	865	830	900	900	1000	1080	1120	1080	1040	1000
945	945	1080	752	500	500	570	640	678	715	790	1020	1950
750	810	880	880	810	810	810	810	810	1060	960	880	810
1140	1070	1040	1140	1070	1180	1240	1100	1100	1070	1070	1240	1140
1310	1140	1060	1020	1020	1220	1490	3030	2610	3090	3990	5460	5780
1140	1140	1070	1000	1000	1000	965	870	810	870	1140	1210	810
1230	1230	1250	1100	1100	1230	1380	1640	1660	1460	1420	1340	1230
1080	950	824	824	950	1150	1150	1080	1080	1220	1150	1080	1150
990	930	990	930	930	930	900	990	900	930	930	930	930
766	763	736	754	764	759	717	723	719	733	746	745	918
715	811	740	769	677	662	603	595	498	590	498	590	590
1826	1738	1428	1419	1445	1621	1583	1527	1450	1480	1517	1437	1360
669	674	684	727	798	820	801	787	929	1109	1118	1073	1011
797	698	674	657	651	692	747	880	1047	1096	1083	1014	1012
1540	1545	1393	1217	1155	1048	1819	1935	1700	1477	2586	2347	2032
1092	983	905	694	797	927	802	728	1028	1028	802	878	908
1390	1317	1210	1155	897	938	1020	919	934	991	987	933	859
945	1248	949	899	661	662	673	883	881	843	761	698	675
667	714	715	629	716	575	625	601	652	656	816	669	719
756	688	802	772	740	692	776	801	902	862	760	738	739
941	762	704	1179	1334	1066	1052	1083	1223	1051	1069	1075	776
991	1425	1419	1298	1745	1682	2109	1887	1228	1224	1205	1725	2232
690	726	811	793	588	977	787	852	785	854	789	791	730
446	731	771	805	859	779	706	804	604	659	645	605	587
637	623	750	810	745	660	541	794	759	652	648	534	592
683	707	734	731	644	446	481	501	645	727	771	743	620
790	771	690	652	635	677	654	636	831	653	735	752	747
834	977	908	1020	817	930	1026	957	867	871	833	861	887
954	966	807	944	930	705	861	887	1228	492	739	717	506
766	835	797	993	1029	801	922	782	798	811	718	737	805
398	483	563	613	633	608	709	684	697	692	717	679	629
904	904	989	999	1074	914	1075	1325	1310	1220	1240	1225	1060
481	822	794	691	791	791	790	786	784	804	931	835	839
872	1004	1128	849	749	740	673	670	697	857	784	660	857

SECOND FEET, SHOWING DAILY FLOW OF BOISE RIVER - JANUARY

15	16	17	18	19	20	21	22	23	24	25	26
1490	1450	1430	1370	1330	1280	1240	1220	1240	1210	1140	1040
720	620	1010	1280	1350	1430	1870	1870	1870	1350	1280	1510
620	620	570	570	570	720	830	830	950	770	720	720
		550			550				550	530	
2980	2980	2980	2980	2980	2980	2980	2980	2780	2780	2780	2780
4120	3910	3520	2810	2330	2260	2180	2040	2040	2040	1680	1680
1430	1270	1270	1200	1200	1270	1310	1350	1310	1270	1240	1200
900	1000	1080	1120	1080	1040	1000	970	900	830	830	830
570	640	678	715	790	1020	1950	1680	1380	2400	4100	2990
810	810	810	1060	960	880	810	960	880	810	810	960
1240	1100	1100	1070	1070	1240	1140	1070	930	1040	1180	1180
1490	3030	2610	3090	3990	5460	5780	5460	4060	3210	2850	2490
965	870	810	870	1140	1210	810	700	700	650	1000	675
1380	1640	1660	1460	1420	1340	1230	1230	1200	1300	1420	1550
1150	1080	1080	1220	1150	1080	1150	1220	1220	1220	1220	1220
900	990	900	930	930	930	930	930	930	770	730	930
717	723	719	733	746	745	918	1067	973	946	975	908
603	595	498	590	498	590	590	682	780	673	861	867
1583	1527	1450	1480	1517	1437	1360	1207	1145	1201	1380	1603
801	787	929	1109	1118	1073	1011	1028	1116	1072	1015	928
747	880	1047	1096	1083	1014	1012	934	901	889	976	1211
1819	1935	1700	1477	2586	2347	2032	1360	1520	1338	1760	1820
802	728	1028	1028	802	878	908	1078	999	978	1078	1203
1020	919	934	991	987	933	859	865	777	1106	1021	1038
673	883	881	843	761	698	675	670	683	797	743	857
625	601	652	656	816	669	719	737	768	775	947	879
776	801	902	862	760	738	739	711	697	747	861	746
1052	1083	1223	1051	1069	1075	776	611	701	768	819	895
2109	1887	1228	1224	1205	1725	2232	1734	1490	1601	1475	1592
787	852	785	854	789	791	730	695	765	766	629	629
706	804	604	559	645	605	587	683	589	615	666	677
541	794	759	652	648	534	592	650	897	845	913	695
481	501	645	727	771	743	620	578	526	480	587	486
654	636	831	653	735	752	747	721	735	808	684	613
1026	957	867	871	833	861	887	1021	1159	2056	2184	1636
861	887	1228	492	739	717	506	667	848	924	939	893
922	782	798	811	718	737	805	695	613	638	617	582
709	684	697	692	717	679	629	449	549	644	654	604
1075	1325	1310	1220	1240	1225	1060	1250	1568	1445	1195	1020
790	786	786	804	931	835	839	825	493	481	818	813
673	670	697	857	784	660	857	630	699	738	695	842

- JANUARY

21	22	23	24	25	26	27	28	29	30	31	Total
1240	1220	1240	1210	1140	1040	1070	950	1100	1140	1280	
1870	1870	1870	1350	1280	1510	1680	1770	1680	1680	1590	
830	830	950	770	720	720	620	620	830	950	1010	
2980	2980	2780	550	530		550			550	550	
2180	2040	2040	2780	2780	2780	2060	1580	1340	1220	1220	
			2040	1680	1680	1680	1680	1680	1680	1680	
1310	1350	1310	1270	1240	1200	1200	1200	1130	1130	1200	
1000	970	900	830	830	830	830	760	695	830	1120	
1950	1680	1380	2400	4100	2990	2400	2010	1680	1570	1470	
810	960	880	810	810	960	880	810	810	750	750	
1140	1070	930	1040	1180	1180	1100	1070	1040	1100	1965	
5780	5460	4060	3210	2850	2490	2270	2110	1960	1860	1860	
810	700	700	650	1000	675	1000	1140	1210	1320	2140	
1230	1230	1200	1300	1420	1550	1550	1380	1300	1230	1160	
1150	1220	1220	1220	1220	1220	1370	1300	1150	1220	1220	
930	930	930	770	730	930	990	1050	1110	1050	1050	
918	1067	973	946	975	908	889	869	836	849	843	
590	682	780	673	861	867	864	777	877	777	690	
1360	1207	1145	1201	1380	1603	1659	1506	1413	1355	1386	
1011	1028	1116	1072	1015	928	868	851	779	758	688	
1012	934	901	889	976	1211	2381	2491	2430	1984	1726	
2032	1360	1520	1338	1760	1820	1565	1578	1380	1757	1331	
908	1078	999	978	1078	1203	1013	1043	943	958	873	
859	865	777	1106	1021	1038	846	901	1041	554	845	
675	670	683	797	743	857	814	996	983	876	876	
719	737	768	775	947	879	815	960	782	1172	1137	
739	711	697	747	861	746	693	694	807	955	892	
776	611	701	768	819	895	989	1273	1123	1106	1054	
2232	1734	1490	1601	1475	1592	1337	1077	1221	1221	1216	45,004
730	695	765	766	629	629	876	820	821	745	707	22,757
587	683	589	615	666	677	814	810	820	795	811	22,387
592	650	897	845	913	695	675	826	706	749	750	22,407
620	578	526	480	387	486	568	676	683	636	642	19,306
747	721	735	808	684	613	721	873	617	663	757	21,963
887	1021	1159	2056	2184	1636	1477	1421	1301	1279	1206	39,840
506	667	848	924	939	893	812	826	923	836	837	26,128
805	695	613	638	617	582	417	429	418	411	413	22,306
629	449	549	644	654	604	654	709	657	710	611	18,784
060	1250	1568	1445	1195	1020	1125	1165	1258	1358	1255	33,746
839	825	493	481	818	813	743	1066	1058	848	823	26,118
857	630	699	738	695	842	896	895	711	808	843	26,929

Year	1	2	3	4	5	6	7	8	9	10	
1895	1240	1240	1260	1180	1140	1190	1190	1180	1180	1210	1
1896	1590	1550	1350	1070	1070	950	950	1070	1070	1070	10
1897	1010	950	830	830	1010	1070	1010	1350	1350	1210	11
1898			550				550			1060	
1899	1220	1220	1100	1100	1220	1220	1100	1340	1580	1940	15
1900	1780	1790	1790	1790	1680	1520	1570	1570	1680	1570	14
1901	1240	1150	1200	1240	1130	1240	1160	1160	1100	1200	12
1902	1270	1350	1350	1440	1350	1350	1310	1800	2000	2000	19
1903	1680	1380	1280	1280	1280	1330	1200	1330	1280	1200	11
1904											
1905											
1906	810	780	780	810	750	780	780	810	810	810	81
1907								5540	5540	3420	306
1908			1240	1240	1180	1100	1100	1070	1070	1040	100
1909	1860	1760	1760	1720	1490	1400	1490	1580	1500	1490	1440
1910											
1911	2450	2340	1680	1600	1740	1640	1370	1300	1250	1325	1410
1912	1100	990	990	1020	1230	1230	1170	1230	1230	1460	1550
1913											
1914	1220	1220	1020	950	1150	824	1020	1220	1020	1080	1220
1915	1330	1480	1480	1330	1180	1050	1050	1050	1050	1050	990
1916	835	854	868	834	863	887	1017	1106	1127	1148	1206
1917	684	684	690	690	880	800	783	795	783	695	695
1918	1225	1287	1040	1127	1229	1457	1429	1437	1380	1370	1365
1919	697	732	802	835	811	814	832	855	858	847	1062
1920	1517	1498	1474	1428	1374	1345	1334	1259	1182	1063	1021
1921	1453	1262	1416	1230	1257	1178	1208	1199	1239	1270	1485
1922	973	788	788	787	872	794	952	1152	1383	1197	1110
1923	678	629	730	781	841	781	584	817	982	861	932
1924	838	983	1066	962	985	981	1008	2050	2445	1966	1336
1925	1023	1213	2195	2895	5775	5859	5169	3846	2972	2088	1758
1926	794	795	772	941	1067	1136	2100	1900	1620	1485	1497
1927	1047	1164	1449	1826	1924	1999	1754	1564	1607	933	911
1928	1236	1297	1434	1464	1326	1591	1612	1577	1291	1447	1549
1929	762	1172	1146	932	1112	1097	867	614	614	705	737
1930	846	823	832	924	760	846	847	1094	1087	975	1055
1931	752	761	761	765	792	855	850	782	466	772	836
1932	646	600	801	529	492	498	659	655	685	810	653
1933	697	770	155	638	584	708	677	692	593	585	655
1934	1168	1227	1459	1327	1332	1338	1475	1560	1610	1733	1506
1935	828	868	945	933	970	1076	1156	1257	1038	744	924
1936	524	657	606	689	787	661	686	598	557	557	708
1937	700	730	674	796	723	654	682	678	678	671	723
1938	1204	1133	1394	1233	1198	1169	1163	1168	1163	1159	1412
1939	699	591	609	860	885	895	1003	785	775	764	793
1940	820	744	953	982	1044	1009	1262	1205	1076	1061	1439

Year	1	2	3	4	5	6	7	8	9	10	
1895	1240	1240	1260	1180	1140	1190	1190	1180	1180	1210	1
1896	1590	1350	1350	1070	1070	950	950	1070	1070	1070	10
1897	1010	950	830	830	1010	1070	1010	1350	1350	1210	11
1898			550				550			1060	
1899	1220	1220	1100	1100	1220	1220	1100	1340	1580	1940	15
1900	1780	1790	1790	1790	1680	1520	1570	1570	1680	1570	14
1901	1240	1130	1200	1240	1130	1240	1160	1160	1100	1200	12
1902	1270	1350	1350	1440	1350	1350	1310	1800	2000	2000	19
1903	1680	1380	1280	1280	1280	1330	1200	1330	1280	1200	11
1904											
1905											
1906	810	780	780	810	750	780	780	810	810	810	81
1907								3540	3540	3420	306
1908			1240	1240	1180	1100	1100	1070	1070	1040	100
1909	1860	1760	1760	1720	1490	1400	1490	1580	1500	1490	144
1910											
1911	2450	2340	1680	1600	1740	1640	1370	1300	1230	1325	1410
1912	1100	990	990	1020	1230	1230	1170	1230	1230	1460	1550
1913											
1914	1220	1220	1020	950	1150	824	1020	1220	1020	1080	1220
1915	1330	1480	1480	1330	1180	1050	1050	1050	1050	1050	990
1916	835	854	868	834	863	887	1017	1106	1127	1148	1206
1917	684	684	690	690	880	800	783	793	783	695	695
1918	1225	1287	1040	1127	1229	1457	1429	1437	1380	1370	1355
1919	697	732	802	835	811	814	832	855	858	847	1062
1920	1517	1498	1474	1428	1374	1345	1334	1259	1182	1063	1021
1921	1453	1262	1416	1230	1267	1178	1208	1199	1239	1270	1485
1922	973	788	788	787	872	794	952	1152	1383	1197	1110
1923	678	629	730	781	841	781	584	817	982	861	932
1924	838	983	1066	962	985	981	1008	2050	2445	1966	1336
1925	1023	1213	2195	2895	5775	5859	5169	3846	2972	2088	1758
1926	794	795	772	941	1067	1136	2100	1900	1620	1485	1497
1927	1047	1164	1449	1826	1934	1999	1754	1564	1607	933	911
1928	1236	1297	1434	1464	1326	1591	1612	1577	1291	1447	1549
1929	762	1172	1146	932	1112	1097	867	614	614	705	737
1930	846	823	832	924	760	846	847	1094	1087	975	1055
1931	752	761	761	765	792	855	850	782	466	772	836
1932	646	600	801	529	492	498	659	655	688	810	653
1933	697	770	755	638	584	708	677	692	593	585	655
1934	1168	1227	1459	1327	1332	1338	1475	1560	1610	1733	1506
1935	828	868	945	933	970	1076	1156	1257	1038	744	924
1936	524	657	606	689	787	661	686	598	557	557	708
1937	700	730	674	796	723	654	682	678	678	671	723
1938	1204	1133	1394	1233	1198	1169	1163	1168	1163	1159	1412
1939	699	591	609	860	885	895	1003	785	775	764	793
1940	820	744	953	982	1044	1009	1262	1205	1076	1061	1439

Year	1	2	3	4	5	6	7	8	9	10	
1895	1240	1240	1260	1180	1140	1190	1190	1180	1180	1210	1
1896	1590	1350	1350	1070	1070	950	950	1070	1070	1070	10
1897	1010	950	830	830	1010	1070	1010	1350	1350	1210	11
1898			550				550			1060	
1899	1220	1220	1100	1100	1220	1220	1100	1340	1580	1940	18
1900	1780	1790	1790	1790	1680	1520	1570	1570	1580	1570	19
1901	1240	1130	1200	1240	1130	1240	1160	1160	1100	1200	12
1902	1270	1350	1350	1440	1350	1350	1310	1800	2000	2000	19
1903	1680	1380	1280	1280	1280	1330	1200	1330	1280	1200	11
1904											
1905											
1906	810	780	780	810	750	780	780	810	810	810	81
1907								5540	5540	3420	306
1908			1240	1240	1180	1100	1100	1070	1070	1040	100
1909	1860	1760	1760	1720	1490	1400	1490	1580	1500	1490	144
1910											
1911	2450	2340	1680	1600	1740	1640	1370	1300	1230	1525	1410
1912	1100	990	990	1020	1230	1230	1170	1230	1230	1460	1550
1913											
1914	1220	1220	1020	950	1150	824	1020	1220	1020	1080	1220
1915	1330	1480	1480	1330	1180	1050	1050	1050	1050	1050	990
1916	835	854	868	834	863	887	1017	1106	1127	1148	1206
1917	684	684	690	690	880	800	783	793	783	698	698
1918	1225	1287	1040	1127	1229	1457	1429	1437	1380	1370	1366
1919	697	732	802	835	811	814	832	855	858	847	1062
1920	1517	1498	1474	1428	1374	1345	1334	1289	1182	1063	1021
1921	1453	1262	1416	1230	1267	1178	1208	1179	1259	1270	1485
1922	973	788	788	787	872	794	982	1182	1383	1197	1110
1923	678	629	730	781	841	781	584	817	982	861	932
1924	838	983	1066	962	985	981	2008	2080	2448	1966	1336
1925	1023	1213	2195	2895	5775	5889	5769	5846	2972	2088	1788
1926	794	795	772	941	1067	1136	2100	1900	1620	1485	1497
1927	1047	1164	1449	1824	1924	1999	1754	1564	1607	933	911
1928	1236	1297	1434	1464	1326	1591	1612	1677	1291	1447	1549
1929	762	1172	2146	932	1112	1097	867	614	614	705	737
1930	846	823	832	924	760	846	847	1094	1087	975	1058
1931	752	761	761	765	792	855	850	782	466	772	836
1932	646	600	801	529	492	498	689	656	688	810	683
1933	697	770	755	638	584	708	677	692	593	585	653
1934	1168	1227	1459	1327	1332	1338	1475	1560	1610	1733	1506
1935	828	868	945	933	970	1076	1156	1257	1038	744	924
1936	524	657	606	689	787	661	686	598	557	557	708
1937	700	730	674	796	723	654	682	678	678	671	723
1938	1204	1133	1394	1233	1198	1169	1163	1168	1163	1139	1412
1939	699	591	609	860	885	895	1003	785	775	764	793
1940	820	744	953	982	1044	1009	1262	1205	1076	1061	1439

5	6	7	8	9	10	11	12	13	14	15	FEBRUARY	
1140	1190	1190	1180	1180	1210	1100	1010	1100	1180	1070	16	17
1070	950	950	1070	1070	1070	1010	1070	1070	1010	1070	1100	1180
1010	1070	1010	1350	1350	1210	1140	1140	1070	1070	1070	1070	1010
		550			1060				1230		1010	1010
1220	1220	1100	1340	1580	1940	1580	1580	1580	1340	1460	1460	1580
1680	1520	1570	1570	1680	1570	1460	1460	1460	1460	1460	1460	1360
1130	1240	1160	1160	1100	1200	1200	1270	1270	1240	1350	2430	2120
1350	1350	1310	1800	2000	2000	1900	1800	1560	1350	1310	1270	1350
1280	1330	1200	1330	1280	1200	1110	945	865	1020	790	945	1110
750	780	780	810	810	810	810	880	920	960	1010	1160	1240
			3540	3540	3420	3060	2950	2900	2840	2900	2900	2950
1180	1100	1100	1070	1070	1040	1000	1000	930	950	965	1070	1040
1490	1400	1490	1580	1500	1490	1440	1580	1960	1760	1760	2160	3400
1740	1640	1370	1300	1230	1325	1410	1325	1370	1230	1170	1140	1060
1230	1230	1170	1230	1230	1460	1550	1380	1340	1300	1260	1300	1460
1150	824	1020	1220	1020	1080	1220	1080	1080	1080	1080	950	1020
1180	1050	1050	1050	1050	1050	990	930	930	820	730	820	930
863	887	1017	1106	1127	1148	1206	1182	1106	1066	1057	1074	1109
880	800	783	793	783	695	695	948	857	857	857	765	800
1229	1457	1429	1437	1380	1370	1355	1488	1493	1583	1534	1477	1432
811	814	832	855	858	847	1062	1351	1356	1203	938	927	993
1374	1345	1334	1259	1182	1063	1021	976	1041	999	977	1017	1073
1267	1178	1208	1199	1239	1270	1485	1215	1680	1900	2044	2933	2414
872	794	952	1152	1383	1197	1110	1014	889	731	670	753	1023
841	781	584	817	982	861	932	671	759	772	873	928	761
985	981	1008	2050	2445	1966	1336	1107	1507	1222	1178	1282	1336
5775	5859	5169	5846	2972	2088	1758	1638	1637	1778	1775	1608	1381
1067	1136	2100	1900	1620	1485	1497	1354	1252	1056	1033	1017	1000
1924	1999	1754	1564	1607	933	1911	1060	1234	1243	1255	1150	1318
1326	1591	1612	1577	1291	1447	1549	1324	1166	1475	1166	924	1188
1112	1097	867	614	614	705	737	508	750	794	823	866	843
760	846	847	1094	1087	975	1055	971	969	881	1343	1488	1268
792	855	850	782	466	772	836	837	688	630	862	890	887
492	498	659	655	688	810	653	569	549	436	431	543	466
584	708	677	692	593	585	655	788	781	713	770	940	702
1332	1338	1475	1560	1610	1733	1506	1465	1324	1322	1316	1384	1463
970	1076	1156	1257	1038	744	924	917	918	928	883	753	781
787	661	686	598	557	557	708	728	1003	835	1042	608	776
723	654	682	678	678	671	723	723	670	795	715	870	875
1198	1169	1163	1168	1163	1159	1412	1505	1707	1486	1459	1443	1199
885	895	1003	785	775	764	793	1045	811	811	813	911	675
1044	1009	1262	1205	1076	1061	1439	1273	987	910	1329	1058	947

FEBRUARY

13	14	15	16	17	18	19	20	21	22	23	24	
1100	1180	1070	1100	1180	1210	1180	1220	1210	1210	1290	1350	1
1070	1010	1070	1070	1010	1010	1070	1070	1070	1140	1140	1140	2
1070	1070	1070	1010	1010	950	950	890	830	890	890	890	3
	1230			1750				1400				14
1580	1340	1460	1460	1580	1580	1580	1580	1460	1460	1340	1220	12
1460	1460	1460	1460	1360	1460	1460	1460	1680	2480	2330	2180	20
1270	1240	1350	2430	2120	1870	2180	2180	2020	1820	1970	1870	207
1560	1350	1310	1270	1350	1440	1390	1350	1270	1270	1270	2080	246
865	1020	790	945	1110	1020	1020	1020	1020	1110	1110	1110	111
920	960	1010	1160	1240	1280	1330	1310	1280	1310	1280	1200	1160
2900	2840	2900	2900	2950	2900	2900	2840	2900	2840	2900	3060	3180
930	930	965	1070	1040	1040	965	1000	965	1000	1040	1140	1180
1960	1760	1760	2160	3400	2970	2610	2550	2580	2060	2060	2160	2160
1370	1230	1170	1140	1060	1230	1230	1230	1140	1110	1170	1140	1170
1340	1300	1260	1300	1460	1880	1780	1550	1460	1420	1460	1380	1160
1080	1080	1080	950	1020	1220	1220	1300	1530	2190	2300	2140	1980
930	820	730	820	930	1050	1110	1110	1050	1050	1104	995	1070
1106	1066	1057	1074	1109	1111	1159	1158	1164	1183	1223	1224	1222
857	857	857	765	800	972	923	917	825	834	937	869	1096
1493	1583	1534	1477	1432	1382	1486	1417	1449	1345	1366	1431	1429
1556	1203	938	927	995	992	973	943	930	908	943	939	916
1041	999	977	1017	1073	1130	1099	1102	1160	1176	1147	1093	1050
1680	1900	2044	2933	2414	1311	1236	1465	1500	2195	2204	2560	2090
889	731	670	753	1023	1101	1280	1233	1115	865	715	850	869
759	772	873	928	761	934	831	936	1022	1041	1067	1290	1263
1507	1222	1178	1282	1356	1334	1266	1142	1164	1145	1314	1018	1672
1637	1778	1775	1608	1381	1443	1443	1558	1677	1938	1820	2302	2132
1252	1056	1033	1017	1000	1031	1004	1020	1020	1000	992	1063	1072
1234	1243	1255	1150	1318	1208	1481	1789	3015	4104	3488	2949	2719
1166	1475	1166	924	1188	1192	1442	1452	1593	1426	1407	1407	1410
750	794	823	866	843	996	1049	1078	1044	931	754	1050	911
969	881	1343	1488	1268	1405	1290	1163	1767	1455	1715	1487	1282
688	630	862	890	887	974	925	908	1005	832	856	706	805
549	436	431	543	466	468	489	534	496	666	672	614	644
781	713	770	940	702	768	777	769	763	769	900	767	746
1324	1322	1316	1384	1463	1465	1314	1192	1595	1550	1190	1479	1327
918	928	883	753	781	922	934	1062	1119	1101	1043	1039	1036
1003	835	1042	608	776	1012	716	896	843	1137	1170	1102	1087
670	795	715	870	875	865	786	709	578	612	858	758	797
1707	1486	1459	1443	1199	1189	1128	1201	1437	1108	1207	1207	1102
811	811	813	911	675	799	798	909	762	883	871	968	998
987	910	1329	1058	947	1047	953	840	818	837	949	1051	1048

Chart 2A

21	22	23	24	25	26	27	28	29	30	31	Total
1210	1210	1290	1350	1390	1430	1450	1450				
1070	1140	1140	1140	1210	1210	1280	1770	1870			
830	890	890	890	830	770	770	830				
1400				1400			1750				
1460	1460	1340	1220	1220	1340	1460	1460				
1680	2480	2330	2180	2040	2180	2040	2040				
2020	1820	1970	1870	2070	1970	4160	4380				
1270	1270	1270	2880	2460	2220	2110	1800				
1020	1110	1110	1110	1110	1020	1110	1110				
1280	1310	1280	1200	1160	1160	1110	1300				
2900	2840	2900	3060	3180	3420	4060	4150				
965	1000	1040	1140	1180	1210	1240	1320	1360			
2580	2060	2060	2160	2160	2110	2060	2110				
1140	1110	1170	1140	1170	1170	1140	1060				
1460	1420	1460	1380	1160	1160	1260	1230	1080			
1530	2190	2300	2140	1980	1880	1700	1790				
1050	1050	1104	995	1070	1076	1036	1112				
1164	1183	1223	1224	1222	1212	1248	1228	1160			
825	834	937	869	1096	1022	1156	1035				
1449	1345	1366	1431	1429	1418	1401	1401				
930	908	943	939	916	901	975	1087				
1160	1176	1147	1093	1050	971	938	936	927			
1500	2195	2204	2560	2090	1800	1985	2260				
1115	865	715	850	869	951	1019	716				
1022	1041	1067	1290	1263	1280	1183	1233				
1164	1145	1314	1018	1072	1120	1290	1121	1165			
1677	1938	1820	2302	2132	2024	1840	1906				
1020	1000	992	1063	1072	1020	1059	1032				
3015	4104	3488	2949	2719	2850	2576	2702				
1593	1426	1407	1407	1410	1380	1364	1264	1273			39,677
1044	931	764	1050	911	837	998	870				24,860
1767	1455	1715	1487	1282	1275	1175	1171				32,194
1005	832	856	706	805	788	835	829				22,649
496	666	672	614	644	670	814	1052	1239			18,378
763	769	800	767	746	744	752	765				20,568
1595	1550	1190	1479	1327	1398	1407	1550				39,474
1119	1101	1043	1039	1036	920	1006	1037				27,168
843	1137	1170	1102	1087	947	857	942	947			23,678
578	612	858	758	797	801	781	962				20,864
1437	1108	1207	1207	1102	1219	1346	1424				35,753
762	883	871	968	998	1094	897	841				23,585
818	837	949	1051	1048	1246	2085	4011	4878			37,862

YEAR	1	2	3	4	5	6	7	8	9	10	
1895	1470	1530	1490	1410	1370	1320	1330	1350	1410	1510	
1896	1510	1350	1350	1280	1350	1070	1070	1210	1350	1210	
1897	890	890	1010	1070	1070	1010	1070	1140	1070	1010	
1898	1750	1920	1920	1920	2250	2430	2430	2260	2260	2430	
1899	1580	1580	1580	1580	1460	1460	1460	1460	1340	1340	
1900	1910	2040	2040	2180	2040	2330	2720	2980	3910	4230	
1901	3930	4600	4270	3930	5060	2880	3260	3260	2880	2720	
1902	1700	1610	1520	1480	1440	1440	1440	1440	1440	2410	
1903	1110	1150	1200	1200	1200	1110	1090	1020	1020	1110	
1904	3370	2760	2760	2560	2560	2560	3370	8180	11500	6760	
1905											
1906	1240	1110	1110	1110	1110	1060	1060	1240	1390	1470	1
1907	3670	3060	3060	3000	2950	4550	4340	4480	4410	4200	4
1908	1280	1210	1100	1040	1140	1100	1040	965	1000	1000	1
1909	2160	2270	2440	2490	2670	2550	2610	2730	2790	2610	2
1910	3360	5500	6700	6700	7170	6850	6550	6700	6700	6700	6
1911	1060	1060	1110	1230	1230	1230	1370	1495	1450	1450	14
1912	1160	1230	1160	1040	1040	1160	1260	1230	1200	1220	12
1913	1050	1100	1150	1200	1200	1340	1340	1340	1580	1670	21
1914	1880	1880	1880	1980	2080	2080	2080	2490	2670	2880	32
1915	1062	992	998	1060	1019	1009	1000	936	962	955	10
1916	1095	1021	961	910	1039	1050	976	998	1349	1968	260
1917	1038	913	914	1006	1036	916	997	990	987	944	90
1918	1389	1362	1354	556	942	1242	1485	1361	1455	1537	170
1919	1186	1278	1385	1290	1154	1178	1171	1163	1010	948	96
1920	911	1059	1097	1107	1206	1059	1128	1022	1080	1171	126
1921	2420	2403	3000	3954	4963	5680	4793	4212	4605	4116	375
1922	966	791	1156	1099	1176	1052	1001	1109	937	962	88
1923	1292	1448	1558	1347	1309	1423	1302	1309	1092	1083	96
1924	1117	952	1202	1267	1155	1101	1113	1150	1095	1008	1106
1925	1718	1562	1671	1765	1930	2758	3451	3358	2995	2556	2114
1926	1202	1300	1387	1487	1756	1725	1529	1619	1608	1688	1803
1927	2525	2255	2511	2289	3068	3019	3376	3240	3108	3075	2642
1928	1167	1286	1049	1415	1375	1375	1157	1674	1888	2644	3047
1929	771	936	822	950	1060	1055	1219	1245	1350	1272	2102
1930	1109	958	1114	947	1117	1456	1301	1119	1205	1051	1045
1931	678	658	830	917	838	868	863	725	836	944	906
1932	1428	1349	1203	1001	797	936	968	772	612	587	523
1933	818	792	761	748	752	687	696	700	731	826	824
1934	1277	1437	1573	1798	1255	1797	1802	1685	1658	1644	1619
1935	1131	1204	1176	1098	1140	1115	919	1044	1161	1096	847
1936	1060	1113	1325	1444	1573	1415	1504	1561	1549	1628	1656
1937	790	989	1096	962	1033	960	1019	1107	1192	1049	1089
1938	1642	2168	2514	2687	2426	2421	2152	2171	2235	2239	2239
1939	860	775	908	1023	1004	1017	906	878	986	869	1097
1940	4175	3300	2919	2488	2269	2210	1929	2065	2602	2525	2309

YEAR	1	2	3	4	5	6	7	8	9	10	
1895	1470	1530	1490	1410	1370	1320	1330	1350	1410	1510	
1896	1510	1350	1350	1280	1350	1070	1070	1210	1350	1210	
1897	890	890	1010	1070	1070	1010	1070	1140	1070	1010	
1898	1750	1920	1920	1920	2250	2430	2430	2260	2260	2430	
1899	1580	1580	1580	1580	1460	1460	1460	1460	1340	1340	
1900	1910	2040	2040	2180	2040	2330	2720	2980	3910	4230	
1901	3930	4600	4270	3930	3060	2880	3260	3260	2880	2720	
1902	1700	1610	1520	1480	1440	1440	1440	1440	1440	2410	
1903	1110	1150	1200	1200	1200	1110	1090	1020	1020	1110	
1904	3370	2760	2760	2560	2560	2560	3370	8180	11500	6760	
1905											
1906	1240	1110	1110	1110	1110	1060	1060	1240	1390	1470	1
1907	3670	3060	3060	3000	2950	4550	4340	4480	4410	4200	4
1908	1280	1210	1100	1040	1140	1100	1040	965	1000	1000	1
1909	2160	2270	2440	2490	2670	2550	2610	2730	2790	2610	2
1910	5360	5500	6700	6700	7170	6850	6550	6700	6700	6700	6
1911	1060	1060	1110	1230	1230	1230	1370	1495	1450	1450	14
1912	1160	1230	1160	1040	1040	1160	1260	1230	1200	1220	12
1913	1050	1100	1150	1200	1200	1340	1340	1340	1580	1670	21
1914	1880	1880	1880	1980	2080	2080	2080	2490	2670	2880	32
1915	1062	992	998	1060	1019	1009	1000	936	962	956	10
1916	1095	1021	961	910	1039	1050	976	998	1349	1968	260
1917	1038	913	914	1006	1036	916	997	990	987	944	20
1918	1389	1362	1354	556	942	1242	1485	1361	1455	1537	170
1919	1186	1278	1385	1290	1154	1178	1171	1163	1010	948	96
1920	911	1059	1097	1107	1206	1059	1128	1022	1080	1171	126
1921	2420	2403	3000	3954	4963	5680	4793	4212	4605	4116	375
1922	966	791	1156	1099	1176	1052	1001	1109	937	962	88
1923	1292	1448	1558	1347	1309	1423	1302	1309	1092	1083	968
1924	1117	952	1202	1267	1155	1101	1113	1150	1095	1008	1106
1925	1718	1562	1671	1765	1930	2758	3451	3358	2995	2556	2114
1926	1202	1300	1387	1487	1756	1725	1529	1619	1608	1688	1803
1927	2525	2255	2511	2289	3068	3019	3376	3240	3108	3073	2642
1928	1167	1286	1049	1415	1375	1375	1157	1674	1888	2644	3047
1929	771	936	822	950	1060	1055	1219	1245	1350	1272	2102
1930	1109	958	1114	947	1117	1456	1301	1119	1205	1051	1045
1931	678	658	830	917	838	866	863	725	836	964	906
1932	1428	1349	1203	1001	797	936	968	772	612	587	523
1933	818	792	761	748	752	687	696	700	731	826	824
1934	1277	1437	1573	1798	1855	1797	1802	1685	1658	1644	1619
1935	1131	1204	1176	1098	1140	1115	919	1044	1161	1096	847
1936	1060	1113	1325	1444	1513	1415	1504	1561	1549	1628	1656
1937	790	989	1096	962	1033	960	1019	1107	1192	1049	1089
1938	1642	2168	2514	2687	2426	2421	2152	2171	2235	2239	2239
1939	860	775	908	1023	1004	1017	906	878	986	869	1097
1940	4175	3300	2919	2488	2269	2210	1929	2065	2602	2525	2309

6	7	8	9	10	MARCH									
11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1320	1330	1350	1410	1510	1640	1610	1550	1490	1410	1370	1350	1370	1350	
1070	1070	1210	1350	1210	1280	1280	1350	1350	1350	1350	1280	1350	1350	
1010	1070	1140	1070	1010	1010	890	770	890	890	890	1090	1070	1070	
2430	2430	2260	2260	2430	2770	2600	2430	1920	2090	1920	1750	1750	1750	
1460	1460	1460	1340	1340	1340	1400	1400	1340	1340	1340	1340	1580	1580	
2330	2720	2980	3910	4230	4810	5990	5990	5860	5860	6120	6120	6390	6390	
2880	3260	3260	2880	2720	2640	2430	2180	2180	2180	2180	2570	2570	2570	
1440	1440	1440	1440	2410	1420	1390	1390	1350	1350	1350	1350	1350	1350	
1110	1090	1020	1020	1110	1200	1200	1380	1470	1570	1570	1570	1570	1570	
2560	3370	8180	11500	6760	5320	4890	4480	4090	3900	3540	3720	3900	3900	
1060	1060	1240	1390	1470	1430	1390	1350	1280	1160	880	750	810	810	
4550	4340	4480	4410	4200	4060	3930	3740	3480	3540	3670	3540	6220	6220	
1100	1040	965	1000	1000	1070	1210	1360	1560	2780	3950	3810	4940	4940	
2550	2610	2730	2790	2610	2560	2610	2610	2850	3210	3780	4130	4130	4130	
6850	6550	6700	6700	6700	6850	7170	7490	8450	8770	9250	9890	10400	11800	
1230	1370	1495	1450	1450	1495	1540	1540	1640	1895	2170	2535	2670	2980	
1160	1260	1230	1200	1220	1230	1230	1230	1340	1380	1500	1460	1420	1380	
1340	1340	1340	1580	1670	2140	2140	1840	1670	1500	1500	1500	1670	1670	
2080	2080	2490	2670	2880	3220	3300	3520	3750	3830	4340	4730	5120	5530	
1009	1000	936	962	955	1093	1195	1186	1224	1206	1295	1379	1285	1540	
1050	976	998	1349	1968	2600	3064	3552	3443	3345	3506	4057	4521	4902	
916	997	990	987	944	904	944	812	905	866	887	826	865	848	
1242	1485	1361	1455	1537	1700	1645	1744	1699	1758	2397	2209	2118	2637	
1178	1171	1163	1010	948	967	1069	1080	1063	1035	1123	1195	1138	1155	
1059	1128	1022	1080	1171	1260	1257	1293	1490	1569	1470	1534	1444	1393	
5680	4793	4212	4605	4116	3755	4010	4085	3895	4426	4168	4590	4450	5725	
1052	1001	1109	937	962	889	917	990	725	485	777	1255	1822	2246	
1423	1302	1309	1092	1083	962	1182	1242	1158	1014	1033	1057	1148	1122	
1101	1113	1150	1093	1008	1106	1179	1044	1078	1016	974	969	958	958	
2758	3451	3358	2995	2556	2114	2019	1995	1789	1790	1844	1983	1983	1983	
1725	1529	1619	1608	1688	1803	1666	1828	2490	2728	3083	3576	3083	3576	
3019	3376	3240	3108	3073	2642	2793	2492	3090	3901	3348	2755	3083	3576	
1375	1157	1674	1888	2664	3047	5304	4629	3924	3468	3168	3096	3083	3576	
1055	1219	1245	1350	1272	2102	1527	1838	1693	1582	1634	1720	1856	1860	
1456	1301	1119	1205	1051	1045	1117	1113	1261	1479	1637	1565	1670	1693	
868	863	725	836	964	906	1008	1288	1209	1220	1385	1416	1527	2571	
936	968	772	612	587	523	425	1619	1339	1478	1533	1501	1836	4216	
687	696	700	731	826	824	836	1117	1090	1002	1074	1221	1313	1257	
1797	1802	1685	1658	1644	1619	1710	1837	2141	2312	2658	2822	2573	2354	
1115	919	1044	1161	1096	847	1094	1118	1364	1774	1797	1687	1588	1616	
1415	1504	1561	1549	1628	1656	1581	1767	1654	1434	1293	1444	1398	1468	
960	1019	1107	1192	1049	1089	1490	1505	1632	1906	2266	2159	2510	2013	
2421	2152	2171	2235	2239	2239	2307	3039	3496	3291	3526	4726	4586	4444	
1017	906	878	986	869	1097	1130	1378	1424	1283	1105	1621	1981	2445	
2210	1929	2065	2602	2525	2309	2061	1760	1737	1933	1711	1738	1859	2078	

MARCH

14	15	16	17	18	19	20	21	22	23	24	25	26
1490	1410	1370	1350	1370	1390	1390	1390	1390	1390	1430	1550	1740
1350	1350	1350	1280	1350	1350	1590	2430	2970	3120	4100	4100	6490
890	890	890	1090	1070	1010	950	950	1010	1210	1510	1870	3120
1920	2090	1920	1750	1750	1750	1750	1920	1750	1580	1400	1400	1400
1340	1340	1340	1340	1580	1940	2060	2060	1820	1820	1940	3760	2130
5860	5860	6120	6120	6390	6390	6120	6120	6120	6660	6660	6660	6920
2180	2180	2180	2570	2570	2570	2720	2880	3930	3480	3060	3060	2640
1350	1350	1350	1350	1350	1350	1350	1440	1440	1440	1440	1440	1440
1470	1570	1570	1570	1570	1620	1680	1680	1900	2010	2400	3340	3520
4090	3900	3540	3720	3900	4890	4680	4380	4000	3900	3540	3460	3210
				1930	1850	1660	1630	1630	1630	1640	1640	1940
1280	1160	880	750	810	880	1060	1160	1240	1350	1490	2250	2840
3480	3540	3670	3540	6220	10600	10800	11300	9990	8630	7910	7430	6740
1560	2780	3950	3810	4940	4100	3270	3020	2840	2780	2900	3200	3020
2850	3210	3780	4130	4130	3990	4130	3850	3850	4060	4130	4550	4840
8450	8770	9250	9890	10400	11800	15200	15600	16600	16100	12100	10800	10200
1640	1895	2170	2535	2670	2980	3370	3910	4200	4800	4800	4350	3840
1340	1380	1500	1460	1420	1380	1380	1290	1300	1420	1600	1730	2030
1670	1500	1500	1500	1670	1670	1500	1340	1420	1340	1340	1340	1200
3750	3830	4340	4730	5120	5530	5180	5120	4780	4730	4670	4340	3880
1224	1206	1295	1379	1285	1540	1669	1546	1951	2163	2500	2319	2190
3443	3345	3506	4057	4521	4902	5637	6189	5434	4801	4156	3751	3522
905	866	887	826	865	848	926	1024	1016	1020	924	1048	1006
1699	1758	2397	2209	2118	2637	2705	3355	3813	4013	4377	4720	5264
1063	1035	1123	1195	1138	1135	1280	1488	1788	1819	2381	2738	3288
1490	1569	1470	1534	1444	1393	1342	1443	1808	2109	2168	2108	1859
3895	4426	4168	4550	4450	5725	5346	4581	5073	4960	4927	5093	4881
725	485	777	1255	1822	2246	2395	2310	2235	2681	4669	4453	3473
1158	1014	1033	1057	1148	1122	1064	1290	1237	1219	1532	1419	1804
1078	1016	974	969	958	964	964	1028	976	948	995	866	1058
1789	1790	1844	1983	1982	1988	2033	2661	3692	4305	5045	4980	4830
2490	2728	3083	3576	3155	2939	2805	2769	2811	3040	3470	3393	2575
3090	3901	3346	2755	3078	2766	2728	2486	2462	2777	2726	3174	3384
3924	3468	3168	3096	3370	3742	4360	5013	6156	8715	8649	9920	8122
1683	1582	1654	1720	1856	1860	1920	2042	3083	2768	1681	1745	1575
1261	1479	1637	1565	1670	1693	1705	1900	2038	2073	2029	2094	2242
1209	1220	1385	1416	1527	2571	2553	2565	2865	2833	2400	1950	1856
1339	1478	1533	1501	1836	4216	8578	6327	3770	2934	2845	2955	2965
1090	1002	1074	1221	1313	1257	1273	1335	1141	1098	1081	1003	997
2141	2312	2658	2822	2573	2354	2330	2320	2466	2662	2685	2458	2445
1364	1774	1797	1687	1588	1616	1413	1528	1418	1397	1234	1386	1433
1654	1434	1293	1444	1398	1468	1722	2304	2481	2260	2057	1858	1681
1632	1906	2266	2159	2510	2013	1649	1577	1462	1428	1285	1321	1402
3496	3291	3526	4726	4586	4444	4468	3838	3471	3509	3305	3402	2310
1424	1283	1105	1621	1981	2445	3140	3413	3878	4466	4809	5842	6017
1737	1933	1711	1738	1859	2078	2107	2227	2467	2746	3117	3521	5356

Chart 2B

21	22	23	24	25	26	27	28	29	30	31	TOTAL
1390	1390	1390	1430	1550	1740	2060	3000	3430	2860	2590	
2430	2970	3120	4100	4100	6490	8260	6810	6190	4100	3930	
980	1010	1210	1510	1870	3120	3430	3120	2970	2690	2430	
1920	1750	1580	1400	1400	1400	1400	1400	1580	1750	1750	
2060	1820	1820	1940	3760	2130	2580	2780	2780	2780	2580	
6120	6120	6660	6660	6660	6920	6660	5330	5330	5060	5060	
2880	3930	3480	5060	3060	2640	2570	2430	2240	2180	2180	
1440	1440	1440	1440	1440	1440	1480	1440	1440	1440	1440	
1680	1900	2010	2400	3340	5520	4100	4750	5970	7900	8070	
4380	4000	3900	3540	3460	3210	3290	3050	4680	4680	4090	
1630	1630	1630	1640	1640	1940	2090	1860	1860	1820	1650	
1160	1240	1350	1490	2250	2840	3180	3180	3360	3480	4130	
11300	9990	8630	7910	7430	6740	6300	6070	5920	5770	5700	
3020	2840	2780	2900	3200	3020	2960	2720	2560	3020	2620	
3850	3850	4060	4130	4550	4840	3780	6280	6700	6450	6620	
15600	16600	16100	12160	10800	10200	9250	9090	8770	8450	8290	
3910	4200	4800	4800	4350	3840	3665	3500	3630	4500	4050	
1290	1300	1420	1600	1730	2030	2480	2970	3360	3230	3130	
1540	1420	1340	1340	1340	1200	1200	1480	1970	4040	4130	
5120	4780	4730	4670	4340	3880	3690	3260	3090	3040	3000	
1546	1951	2183	2500	2319	2190	1985	2080	2787	2612	2075	
6189	5434	4801	4156	3751	3522	3471	4128	4416	4389	4472	
1024	1016	1020	924	1048	1006	933	906	1208	1563	1698	
3355	3813	4013	4377	4720	5264	6243	6415	6414	6477	6335	
1488	1788	1819	2381	2738	3288	3278	3678	4099	4812	5241	
1443	1808	2109	2168	2108	1859	1852	1755	1579	1495	1559	
4561	5073	4960	4927	5093	4881	4413	4092	4221	4306	4633	
2310	2235	2681	4669	4453	3473	3156	2936	2782	2429	2972	
1290	1237	1219	1532	1419	1804	1610	1884	2721	3359	4330	
1028	976	948	995	866	1058	900	997	919	914	764	
2661	3692	4305	5045	4980	4830	4920	4460	5690	6054	6250	
2769	2811	3040	3470	3393	2575	2525	2318	2074	2030	1865	
2486	2462	2777	2725	3174	3384	3152	3273	3732	4012	4810	
5013	6156	8715	8649	9920	8122	8359	8443	7252	6658	6978	136,423
2042	3083	2768	1681	1745	1575	1578	1820	1984	1976	2318	50,952
1900	2038	2073	2029	2094	2242	2972	2312	2505	2948	3073	51,808
2565	2865	2833	2400	1950	1856	1504	1700	1623	1351	1718	45,623
6327	3770	2934	2845	2955	2965	2460	2254	3060	2918	2724	67,913
1335	1141	1098	1081	1003	997	1099	1106	1640	1644	1665	32,237
2320	2466	2662	2685	2458	2445	2285	2760	5492	6110	5265	75,848
1528	1418	1397	1234	1386	1433	1364	1349	1349	1709	1926	41,575
2304	2481	2260	2057	1858	1681	1624	1668	1624	1491	1393	50,030
1577	1462	1428	1285	1321	1402	1473	1493	1600	1723	1755	44,935
3838	3471	3509	3305	3402	2310	3581	3347	3439	3194	2840	95,513
3413	3878	4466	4809	5842	6017	5680	5766	5652	5231	5363	82,147
2227	2467	2746	3117	3521	5356	9146	8989	6379	5321	5712	100,756

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	2470	2350	2460	2560	2330	2210	2120	2250	2520	2830	3020	3240
1896	3760	2970	2830	2830	2970	2970	4100	4470	3760	4890	3930	3930
1897	2560	2190	2080	2190	2080	2430	2430	2310	2970	3590	4890	6490
1898	1580	1750	1750	1400	1230	1400	1750	1580	1580	2090	2260	2600
1899	2780	2980	2980	3170	3760	3760	3760	4580	5580	7000	7600	8320
1900	5060	6660	7450	6920	6660	7180	7720	7450	6650	6660	5860	6390
1901	2070	2240	2430	2360	2300	2300	2300	2300	2360	2720	3460	4380
1902	1390	1850	1930	2460	2460	2460	3365	4160	3030	2590	2590	2660
1903	7110	6520	5710	5710	5220	5220	5220	4310	4530	7740	6810	3710
1904	4090	4090	4480	5320	5770	6010	5770	5890	6760	10400	11500	13700
1905	1650	1710	1750	1840	1970	2320	2810	2920	3050	2810	2570	2470
1906	4550	3670	3240	3060	2900	3540	4340	5110	5250	5620	4830	4620
1907	6520	6670	6970	7040	7270	7350	7510	8230	9030	11600	11600	13680
1908	2190	2190	2290	2500	3140	2900	2780	2800	3140	5180	5580	6780
1909	6650	7450	8200	7550	7100	6400	5900	5900	5600	6600	6550	6450
1910	8290	8290	8930	8450	8450	8450	8610	8930	9890	10500	11500	12000
1911	6150	6560	6550	6100	5750	5280	4970	4520	4790	5050	4750	4280
1912	3230	3770	4740	5300	5280	4090	5060	6100	7200	8070	7870	7360
1913	4640	4300	3840	3370	3730	4110	4050	3990	4230	4600	5280	5980
1914	2690	2920	3260	4140	6260	7270	7360	7760	7840	8420	8500	8100
1915	1975	2230	2616	2764	2684	2821	2763	2591	2640	2677	2799	2997
1916	5108	5908	6338	6649	6947	6649	6611	7382	7735	8918	11761	11644
1917	1538	1386	1557	1500	1522	2002	2515	3849	2374	3735	3881	4131
1918	6402	6266	6621	5948	4910	4575	4018	4595	4356	4985	7036	7100
1919	5805	6183	6303	7518	8333	7507	6650	5390	4657	4320	4467	4513
1920	1549	1628	1531	1432	1533	1963	2111	2495	2798	3230	3602	3889
1921	4960	5767	7327	8583	6136	7996	5956	5193	4763	4887	6514	5327
1922	3260	2889	2775	4554	4485	4692	4458	6294	6242	5026	5028	3849
1923	4206	4488	4476	4386	3861	3958	4326	3854	3633	3645	3874	5255
1924	933	944	962	1132	962	1056	1305	1922	2506	2714	2762	2722
1925	5595	5335	5480	5275	7895	7885	7895	7900	8830	10400	11355	13050
1926	1991	1761	1894	1767	2133	2025	2316	2702	3180	3305	3319	3344
1927	4481	5998	5446	4916	4032	4406	4917	5380	5659	5298	4742	4570
1928	5834	5406	5232	4801	4587	4407	3948	3809	3590	3952	3737	4216
1929	1871	1814	1951	2290	2609	2586	2202	2129	1930	1688	1726	1701
1930	2581	3183	2944	3242	3610	4160	5125	5379	5540	5662	5685	5631
1931	2199	3177	3354	2629	2470	2533	2709	3256	3115	3192	3072	3206
1932	3195	3973	4861	5209	4783	4470	4032	4038	4045	4011	4576	5694
1933	1590	1914	2492	3599	3806	3357	3080	2669	2455	1864	1512	1407
1934	4654	4001	3629	3525	3291	2945	3039	3299	3634	3548	4155	4344
1935	1763	1721	1651	1964	2515	2513	2285	3268	4057	4412	4198	4443
1936	1390	1325	1255	1342	1284	1257	1301	1543	2409	3573	4529	6748
1937	2008	2800	3385	2295	2160	1990	1889	1776	1642	1960	1960	1988
1938	2867	2545	3270	2989	3119	3515	3893	4296	4548	4828	5365	5802
1939	5941	6390	6610	6985	6927	6185	5572	5178	5441	4937	4823	4697
1940	9288	8136	6835	5923	5711	5180	4692	4636	4581	4810	4623	4422

APRIL

7	8	9	10	11	12	13	14	15	16	17	18	19	20
120	2250	2520	2830	3020	3240	3510	3680	3850	4020	4200	4370	4570	46
4100	4470	3760	4890	3930	3930	6810	11000	7150	6190	5910	4890	4470	39
2430	2310	2970	3590	4890	6490	7880	8660	14300	19000	26200	27000	29500	
1750	1580	1580	2090	2260	2600	3800	5170	5510	6020	6360	6360	5510	55
8760	4580	5580	7000	7600	8320	8140	7450	7300	10170	8500	8690	7000	670
7720	7450	6650	6660	5860	6390	7180	6120	5600	6120	5860	6120	6120	612
2300	2300	2360	2720	3460	4380	5050	5720	5500	5050	5280	5500	6170	684
3365	4160	3030	2590	2590	2660	2660	2590	2730	3740	4160	5500	5950	6400
5220	4310	4530	7740	6810	5710	4980	5220	5340	5710	6240	6520	6660	6810
5770	5890	6760	10400	11500	13700	15500	18000	19700	17800	16400	15400	17200	18000
2810	2920	3050	2810	2570	2470	2570	2490	2490	2660	2820	2710	2980	3380
4340	5110	5250	5620	4830	4620	4760	4830	5470	6070	6300	6370	6440	6520
7510	8230	9030	11600	11600	13680	14600	15600	17000	16000	14500	13600	12300	11300
2780	2800	3140	5180	5580	6780	8670	7950	7770	8760	8040	7950	8850	9600
5900	5900	5600	6600	6550	6450	7150	8000	8450	9000	9150	9150	9050	8750
8610	8930	9890	10500	11500	12000	11800	11200	10500	10000	10000	10000	10200	10800
4970	4520	4790	5050	4750	4280	4120	3890	3780	3630	3750	4300	4430	4410
5060	6100	7200	8070	7870	7360	6560	5780	5600	5280	5240	5530	5350	5240
4050	3990	4230	4600	5280	5980	6980	7710	8310	7440	6900	7490	7910	7520
7360	7760	7840	8420	8500	8100	8510	8750	9650	11300	10100	9250	8870	8800
2763	2591	2640	2677	2799	2997	3574	3719	3501	3663	4073	4056	4108	4130
6611	7382	7735	8918	11761	11644	10551	10410	10620	10490	9840	9550	8500	7540
2515	3849	2374	3735	3881	4131	6451	4496	3948	3509	3093	2976	2850	3091
4018	4595	4356	4985	7036	7100	6877	6838	6577	6063	5537	5144	3862	4145
6650	5390	4657	4320	4467	4513	4483	4467	4267	4022	4083	4226	5155	5903
2111	2495	2798	3230	3602	3889	4069	4230	4214	4248	3943	3558	3452	3535
5956	5193	4763	4887	6514	5327	7017	8340	7536	6812	6002	6002	6172	6725
4458	6294	6242	5026	5028	3849	3758	3457	3506	3305	2840	2585	2630	3265
4326	3854	3633	3645	3874	5255	4705	4777	4548	4905	6311	6805	6347	6092
1305	1922	2506	2714	2762	2722	2699	3378	3415	2745	2250	2191	2015	2144
7895	7900	8830	10400	11355	13050	14200	12950	11335	11440	11755	12275	10665	8930
2316	2702	3180	3305	3319	3344	3483	4083	4321	4867	5381	5802	5848	6001
4917	5380	5659	5298	4742	4570	3980	4118	4603	4980	4956	5073	4648	4734
3948	3809	3590	3952	3737	4216	3607	3977	3797	4053	4198	4445	4659	4221
2202	2129	1930	1688	1726	1701	1558	1562	2046	2219	2552	3065	3471	4107
5125	5379	5540	5662	5685	5631	5525	5481	5290	4418	3885	3774	3343	3400
2709	3256	3115	3192	3072	3206	3540	3326	3143	2972	3083	3119	3354	2833
4032	4038	4045	4011	4576	5694	7652	8697	9076	8308	8060	6727	6413	6664
3080	2669	2455	1864	1512	1407	1486	1487	1809	2471	3328	3477	3250	3663
3039	3299	3634	3548	4155	4344	4924	5274	5156	4687	4476	3941	4048	3958
2285	3268	4057	4412	4198	4443	4871	5695	6446	8138	7767	6191	5524	6063
1301	1543	2409	3573	4529	6748	8620	10535	11125	13522	12154	15960	18600	18270
1889	1776	1642	1960	1960	1988	2287	4490	5662	7167	5220	4422	3785	3810
3893	4296	4548	4828	5365	5802	6088	6436	6674	7394	7848	8938	12800	14070
5572	5178	5441	4937	4823	4697	4700	4359	4117	3946	4252	4451	4701	5133
4692	4636	4581	4810	4623	4422	4762	5769	6669	6698	6023	5786	5661	6661

APRIL

15	16	17	18	19	20	21	22	23	24	25	26	27
3850	4020	4200	4370	4570	4680	4890	4470	4890	5980	5910	6810	6490
7150	6190	5910	4890	4470	3930	3760	4890	5130	5130	5910	7150	5640
14300	19000	26200	27000	29500								
5510	6020	6360	6360	5510	5510	5680	5580	5680	5680	5850	6540	6540
7300	10170	8500	8690	7000	6700	6700	7960	10910	13130	11280	11650	9060
5600	6120	5860	6120	6120	6120	6120	6120	6120	6120	6120	5860	5860
5500	5050	5280	5500	6170	6840	6840	7180	7740	8640	7850	8080	7290
2730	3740	4160	5500	5950	6400	5500	5050	4600	4160	3840	3940	3940
5340	5710	6240	6520	6660	6810	7740	11500	11000	11500	12100	13300	12700
19700	17800	16400	15400	17200	18000	15400	12200	10100	9120	9120	11100	13600
2490	2660	2820	2710	2980	3380	3380	3320	3540	3540	3950	4410	4570
5470	6070	6300	6370	6440	6520	7430	8070	8550	7830	7430	6520	6300
17000	16000	14500	13600	12300	11300	11400	11400	12500	12500	12500	12100	11900
7770	8760	8040	7950	8850	9600	10100	10600	9900	8940	7940	7590	7140
8450	9000	9150	9150	9050	8750	8450	8000	8200	8350	8000	9400	10500
10500	10000	10000	10000	10200	10800	10500	10400	10300	10500	11000	11300	11500
3780	3630	3750	4300	4430	4410	4250	4280	4620	5330	6500	8200	8500
5600	5280	5240	5530	5350	5240	4970	4970	4800	4900	5780	5760	5740
8310	7440	6900	7490	7910	7520	8100	8670	7650	6790	6430	7140	7870
9650	11300	10100	9250	8870	8800	8900	9490	9590	9360	9300	7970	8070
3501	3663	4073	4056	4108	4130	4300	4090	3728	3387	3212	3296	3292
10620	10490	9840	9550	8500	7540	7470	7660	7490	9450	11390	13460	14960
3948	3509	3093	2976	2850	3091	3701	5092	5900	7547	8193	9086	9314
6577	6063	5537	5144	3862	4145	4422	4966	5569	6797	7647	7167	6552
4267	4022	4083	4226	5155	5903	6490	6946	7273	8021	9470	10433	10516
4214	4248	3943	3558	3452	3535	3694	3728	3664	3246	2931	2693	3152
7536	6812	6002	6002	6172	6725	7155	7138	7674	8104	7287	6587	5830
3506	3305	2840	2585	2630	3265	3935	5425	7240	8120	8815	8870	9270
4348	4905	6311	6805	6347	6092	5045	4455	3962	3538	2938	3222	3601
3415	2745	2250	2191	2015	2144	2124	2476	2907	3094	2821	2761	2548
11335	11440	11755	12275	10665	8930	7786	7050	6760	5857	5666	5365	5140
4321	4867	5381	5802	5848	6001	5863	5023	4796	4214	3991	4071	4313
4603	4980	4956	5073	4648	4734	4200	4305	4219	4865	6872	10092	13778
3797	4053	4198	4445	4659	4221	4380	4232	3978	4641	5988	6929	10105
2046	2219	2552	3065	3471	4107	4235	3966	3860	4207	4109	4013	4434
5290	4418	3885	3774	3343	3400	4141	4781	5185	6194	5909	5666	4546
3143	2972	3083	3119	3354	2833	3070	2981	2784	3070	2662	2521	2502
9076	8305	8060	6727	6413	6664	6338	5443	4868	4325	4181	4438	5337
1809	2471	3328	3477	3250	3663	4220	4186	4820	5649	6315	7220	8267
5156	4687	4476	3941	4048	3958	4144	4688	4838	5446	4520	4964	4277
6446	8138	7767	6191	5524	6063	7305	8311	7747	6145	5407	5092	5495
1125	13522	12154	15960	18600	18270	17980	17140	18345	19790	17200	15155	13250
5662	7167	5220	4422	3785	3810	4022	4497	3958	3501	3206	3345	4635
6674	7394	7848	8938	12800	14970	12825	12541	13191	13278	13122	14180	14188
4117	3946	4252	4451	4701	5133	5708	6149	6521	6366	6153	5456	5092
6669	6698	6023	5786	5661	6661	6781	6276	5848	5853	5685	5717	6531

Chart 2C

1	22	23	24	25	26	27	28	29	30	31	TOTAL
90	4470	4890	5380	5910	6810	6490	6840	6220	6490		
60	4890	5130	5130	5910	7150	5640	5380	5640	5130		
580	5580	5680	5680	5850	6540	6540	6540	6360	6190		
700	7960	10910	13130	11280	11650	9060	7960	7300	6700		
120	6120	6120	6120	6120	5860	5860	5860	5860	6120		
340	7180	7740	8640	7850	8080	7290	7070	7520	8410		
500	5050	4600	4160	3840	3940	3940	3740	3550	3740		
740	11500	11000	11500	12100	13300	12700	10500	8410	8070		
400	12200	10100	9120	9120	11100	13600	11800	11100	10600		
380	3320	3540	3540	3950	4410	4570	4070	3760	3590		
430	8070	8550	7830	7430	6520	6300	6220	6520	6600		
100	11400	12500	12500	12500	12100	11900	11500	11300	11300		
100	10600	9900	8940	7940	7590	7140	6690	6510	6690		
450	8000	8200	8350	8000	9400	10500	10200	9000	7460		
500	10400	10300	10500	11000	11300	11500	11300	11000	10200		
250	4280	4620	5330	6500	8200	8500	8300	7640	7300		
70	4970	4800	4900	5780	5760	5740	6000	6440	8430		
100	8670	7650	6790	6430	7140	7870	8290	7430	6730		
900	9490	9590	9360	9300	7970	8070	7840	7630	6620		
900	4090	3728	3387	3212	3296	3292	3357	3493	3743		
70	7660	7490	9450	11390	13460	14960	14020	12050	10430		
701	5092	5900	7547	8193	9086	9314	9990	7615	6699		
22	4966	5569	6797	7647	7147	6552	6124	5937	5984		
90	6946	7273	8021	9470	10433	10516	10353	10215	9956		
94	3728	3664	3246	2931	2893	3152	3518	4078	4608		
55	7138	7674	8104	7287	6587	5830	6050	6402	7250		
35	5425	7240	8120	8815	8870	9270	9976	10412	9160		
45	4455	3962	3538	2938	3222	3601	4610	5280	5760		
24	2476	2907	3094	2821	2761	2548	2741	2873	3123		
86	7050	6760	5857	5666	5365	5140	5220	5640	6000		
63	5023	4796	4214	3991	4071	4313	4525	4919	5103		
00	4305	4219	4865	6872	10092	13778	14531	14795	14870		158,406
80	4232	3978	4641	5988	6929	10105	11480	10460	9717		89,547
35	3966	3860	4207	4109	4013	4434	4832	5308	5506		137,089
41	4781	5185	6194	5909	5666	4546	4786	4674	3349		88,586
70	2981	2784	3070	2662	2521	2902	2601	2746	3367		168,003
38	5443	4868	4325	4181	4438	5337	5997	6088	6507		119,671
20	4186	4820	5649	6315	7220	8267	9084	9592	9602		124,824
44	4688	4838	5446	4520	4964	4277	3896	3826	3677		149,729
05	8311	7747	6145	5407	5092	5495	6314	6208	6221		288,797
80	17140	18345	19790	17200	15155	13250	11980	10965	10250		303,479
22	4497	3958	3501	3206	3345	4635	5338	4678	3803		292,550
25	12541	13191	13278	13122	14180	14188	13469	13329	15202		164,459
08	6149	6521	6366	6153	5456	5092	5044	5579	7046		177,921
31	6276	5848	5853	5685	5717	6531	6620	6097	5647		

YEAR	1	2	3	4	5	6	7	8	9	10	11
1895	6810	6190	7150	7510	6490	7880	7510	7150	6810	6190	5640
1896	5640	4890	5640	7280	7880	6490	6810	7151	6490	5910	6190
1897											
1898	6190	6020	6020	5510	4650	4310	4480	4480	4480	4820	4820
1899	6120	5300	5060	4820	5300	5850	9060	9800	13500	19000	17200
1900	6390	6660	6920	7450	7450	8780	9300	10100	10400	11400	11960
1901	8860	10200	9640	10200	11100	10400	10200	9980	10300	10700	11200
1902	3740	3550	3190	3190	3190	3550	3940	6170	6840	6400	6400
1903	7740	7420	7420	8410	9150	10000	10000	10000	9560	9560	9560
1904	10100	10100	11500	12800	12200	12300	12200	11800	11800	12300	12300
1905	3350	3470	3590	3490	3260	3100	3080	3120	3510	3350	2980
1906	6820	6970	7430	8070	7430	7200	7040	7350	7510	8150	8310
1907	10800	10800	10800	10900	10900	10900	11300	11700	11900	12100	12500
1908	7410	8040	7590	8040	7590	8220	9220	9800	9030	8130	6870
1909	7460	7630	8900	10500	12400	11600	10800	10500	10200	10200	9000
1910	9250	8610	7650	7650	7170	6700	6850	7490	8450	10200	10000
1911	7120	7250	8020	8950	10500	10800	9830	9170	8830	7820	7650
1912	7460	6960	6500	6500	6500	8610	7650	8610	10200	11200	11700
1913	6070	5560	5050	4900	5200	7010	8770	10400	11500	12100	10600
1914	6420	7440	8370	9300	9440	7970	8100	8720	9330	9780	10200
1915	4026	3604	3305	3116	3020	2941	2888	2903	3069	3551	3871
1916	9870	10380	11260	13100	14670	15500	16550	14530	13280	11290	9740
1917	6439	5992	6708	5333	6606	6891	7786	9186	10671	10755	11090
1918	6404	6947	7554	8322	9307	10178	11352	10905	9536	8102	7368
1919	10210	10145	9533	8796	7968	7060	6307	5859	5806	5888	5897
1920	4861	5043	4909	4768	4652	4792	5152	5739	6612	7537	8093
1921	7261	7755	8759	9742	10600	11249	11120	12239	13496	13910	12702
1922	8640	8540	9646	9720	10743	12962	12916	12990	12080	9860	8642
1923	4940	4692	4062	4192	4641	6060	7289	7961	8434	9077	9186
1924	3457	3764	4485	4706	4688	4063	3378	3124	3235	3411	4042
1925	6882	7686	9083	10064	11062	11068	12270	12925	11784	10735	10790
1926	5503	5871	5214	4970	6116	7094	5564	4564	4196	3898	3368
1927	15725	14530	11952	10368	9499	8677	8294	8783	7954	7425	6951
1928	9135	10829	10057	9251	9512	10998	12685	15575	17606	20710	19273
1929	4913	4434	4491	4685	4542	4042	3583	3457	4030	4447	4426
1930	3765	3864	3970	5467	5180	5134	5104	4739	4383	4140	3757
1931	3609	4058	4391	4662	4620	4414	5082	5434	4546	4100	3851
1932	6135	7136	7732	7851	7794	7823	7929	7696	8252	8880	8748
1933	7346	6420	5583	5035	4940	4732	4513	4667	3593	3581	3498
1934	3647	3545	3342	3220	3233	3363	4191	4610	4774	4241	3763
1935	6680	5978	6059	5657	5686	6321	7003	7070	6537	6514	6833
1936	10227	9873	9967	10642	12065	11988	10497	9402	7753	9294	10046
1937	3906	4075	5213	6310	7190	7705	7409	6848	6518	6490	6350
1938	16732	19286	15909	12980	10968	9465	8459	7776	7517	7516	8239
1939	8413	7872	8022	8056	8050	7733	6970	6422	5977	5674	5809
1940	5075	4824	5022	6141	6327	5574	5311	5100	5438	6117	7224

5	6	7	8	9	10	11	12	13	14	15	MAY		
											16	17	18
6490	7880	7510	7150	6810	6190	5640	5640	5640	6490	6810	6810	6490	6190
7880	6490	6810	7151	6490	5910	6190	5910	5380	4890	4890	4890	4670	4490
4650	4310	4480	4480	4480	4820	4820	4820	5510	5510	5680	5590	5590	5000
5300	5850	9060	9800	13500	19000	17200	14200	13500	12800	11500	10200	9800	9060
7450	8780	9300	10100	10400	11400	11960	11960	8510	8510	8780	8780	8510	8240
1100	10400	10200	9980	10300	10700	11200	11300	12000	12200	12200	12700	12700	12400
3190	3550	3940	6170	6840	6400	6400	6840	7740	7740	7070	7070	6840	5950
9150	10000	10000	10000	9560	9560	9560	9560	11000	12700	12700	11500	10000	10000
12200	12300	12200	11800	11800	12300	12300	12800	12800	13200	13600	13600	13600	13900
3260	3100	3080	3120	3510	3350	2980	2900	2710	2580	2610	2650	3300	4600
7430	7200	7040	7350	7510	8150	8310	8710	8710	8470	8390	7430	6440	5920
10900	10900	11300	11700	11900	12100	12500	11200	11100	10100	9700	10300	11100	12500
7590	8220	9220	9800	9030	8130	6870	6340	6170	5740	5580	5340	5100	4860
12400	11600	10800	10500	10200	10200	9000	8200	8000	7630	8200	8600	8400	8200
7170	6700	6850	7490	8450	10200	10000	8990	9890	9730	9250	8610	8130	8130
10500	10800	9830	9170	8830	7620	7650	7560	7880	7840	8980	10200	9650	10100
6500	8610	7650	8610	10200	11200	11700	11600	11400	11700	11900	12100	12700	12900
5200	7010	8770	10400	11500	12100	10600	10000	9490	8470	7920	7380	6980	7810
9440	7970	8100	8720	9330	9780	10200	10100	9920	9280	9440	9440	9600	9600
3020	2941	2888	2903	3069	3551	3871	4165	5107	5486	5334	5239	5033	5678
14670	15500	16550	14530	13280	11290	9740	8368	7362	6601	6220	6100	6260	7084
6606	6891	7786	9186	10671	10755	11090	12189	13773	15296	17848	17555	13816	10629
9307	10178	11352	10905	9536	8102	7368	7053	6522	6344	6834	6187	6405	5535
7968	7060	6307	5859	5806	5888	5897	5904	5743	5583	5640	5977	6460	6663
4652	4792	5152	5739	6612	7537	8093	8757	8847	8650	8600	8868	9245	9623
10600	11249	11120	12239	13496	13910	12702	13006	11835	13156	14742	17174	18739	18115
10743	12962	12916	12990	12080	9860	8642	8478	8107	9843	10561	11636	13057	15220
4641	6060	7289	7961	8434	9077	9186	8109	7270	6800	6536	6497	6502	7160
4688	4063	3378	3124	3235	3411	4042	4398	4866	5179	5011	5100	5142	5186
11062	11068	12270	12925	11784	10735	10790	10810	10635	10765	10945	11500	11900	12500
6116	7094	5564	4564	4196	3898	3368	3284	3119	2976	3106	3160	3417	3436
9499	8677	8294	8783	7954	7425	6951	8019	8591	10096	13172	16588	19289	20061
9512	10998	12685	15575	17606	20710	19273	18790	16751	14770	12847	11587	11522	12300
4542	4042	3583	3057	4030	4447	4426	4578	5389	6215	6518	6482	6431	6411
5180	5134	5104	4739	4383	4140	3757	3970	3495	3382	3772	4247	4169	4856
4620	4414	5082	5434	4546	4100	3851	3721	4151	4646	5265	5201	5228	4870
7794	7823	7929	7696	8252	8880	8748	10569	12444	13580	13569	12341	10987	11458
4940	4732	4513	4667	3593	3581	3498	3460	3372	3373	3814	4758	5068	5745
3233	3363	4191	4610	4774	4241	3763	3629	3467	3378	3209	3135	3173	3354
5686	6321	7003	7070	6537	6514	6833	6491	6011	5706	5358	5307	6201	6411
12065	11988	10497	9402	7753	9294	10046	11808	12951	13995	14946	14675	12418	10608
7190	7705	7409	6848	6518	6490	6350	5891	5731	5755	6329	6530	6276	6467
10968	9465	8459	7776	7517	7516	8239	8808	9209	10208	11343	11734	12691	12971
8050	7733	6970	6422	5977	5674	5809	5719	5320	5334	5218	5272	5551	5486
6327	5574	5311	5100	5438	6117	7224	8852	9866	9587	9164	8237	7997	7395

MMY

13	14	15	16	17	18	19	20	21	22	23	24	25
5640	6490	6810	6810	6490	6190	6190	6490	6810	6190	5640	5380	5130
5380	4890	4890	4890	4670	4490	4280	4280	4100	4890	7150	11000	12500
5510	5510	5680	5590	5590	5000	4820	5000	5000	4910	4910	4910	4910
13500	12800	11300	10200	9800	9060	7600	7300	7300	8320	9060	9800	10900
8510	8510	8780	8780	8510	8240	8510	8240	7980	7720	7450	7450	7180
12000	12200	12200	12700	12700	12400	11500	9980	9530	8640	8000	7520	7740
7740	7740	7070	7070	6840	5950	5500	5160	4830	4720	4600	4480	4720
11000	12700	12700	11500	10000	10000	8870	7110	5710	5220	4980	4980	5220
12800	13200	13600	13600	13600	13900	13900	15000	16400	18000	18700	18000	16100
2710	2580	2610	2650	3300	4600	4740	4710	4670	4100	3990	3670	3360
8710	8470	8390	7430	6440	5920	5700	5700	5700	5540	5320	5540	5470
11100	10100	9700	10300	11100	12500	13400	13300	12200	11700	10900	10700	9900
6170	5740	5580	5340	5100	4860	4860	4700	4400	4180	3960	3890	4320
8000	7630	8200	8600	8400	8200	8600	9300	9600	10200	10500	10200	10200
9890	9730	9250	8610	8130	8130	8130	7650	7330	7170	7650	9090	8930
7880	7840	8980	10200	9650	10100	9380	8830	8610	9030	9300	9640	9500
11400	11700	11900	12100	12700	12900	13700	14300	14500	12600	11800	10800	10500
9490	8470	7920	7380	6980	7810	8500	8370	8240	8610	9440	11100	12200
9920	9280	9440	9440	9600	9600	9280	9440	9600	9600	9920	9760	9600
5107	5486	5334	5239	5033	5678	6227	5729	5468	5074	5796	5022	4787
7362	6601	6220	6100	6260	7084	8419	8397	8717	8517	7777	7247	6828
13773	15296	17848	17555	13816	10629	9104	8562	8308	9284	9928	11175	10899
6522	6344	6834	6187	6405	5535	4700	4942	4969	4717	4632	4615	4825
5743	5583	5640	5977	6460	6663	6713	7383	8583	10072	11107	11444	11325
8847	8650	8600	8868	9245	9623	9375	9031	8581	8430	8460	8352	8041
11835	13156	14742	17174	18739	18115	15158	13165	12974	12930	12541	12865	13941
8107	9843	10561	11636	13057	15220	16450	16220	15936	13925	13375	13343	16833
7270	6800	6536	6497	6502	7160	8271	7573	7923	8121	7990	8895	10241
4866	5179	5011	5100	5142	5186	4675	4490	4074	4020	3888	3711	3333
10635	10765	10945	11500	11900	12500	13500	14350	14350	13870	12690	11780	11020
3119	2976	3106	3160	3417	3436	3625	3665	4404	4192	3976	3964	3735
8591	10096	13172	16588	19289	20061	16261	14384	11536	9768	8909	7754	7123
16751	14770	12847	11587	11522	12200	13145	13409	12700	14513	14995	14810	15145
5389	6215	6318	6482	6431	6411	6696	6424	7067	7767	8604	9196	9874
3495	3382	3772	4247	4169	4856	4552	4844	4902	5365	5164	4767	4513
4151	4646	5265	5201	5228	4870	4208	3632	3266	3062	2718	2828	3151
12444	13580	13569	12341	10987	11458	11607	12051	12114	12710	10953	8933	7071
3372	3373	3814	4758	5068	5745	4621	4861	4866	5561	5879	6017	6201
3467	3378	3209	3135	3173	3354	3343	3178	3048	2961	2783	2987	2913
6011	5706	5358	5307	6201	6411	5944	5963	6039	6926	7983	9299	9501
12951	13995	14946	14675	12418	10608	9822	9807	8582	7622	6831	6225	6150
5731	5755	6329	6530	6276	6467	6706	6535	6045	5598	5827	6462	6098
9209	10208	11343	11734	12691	12971	12173	10396	9033	8327	8402	9447	11025
5320	5334	5218	5272	5551	5486	5468	5275	4987	4246	4115	3860	3410
9866	9587	9164	8237	7997	7395	7081	7261	7275	7288	7106	7107	7859

Chart 2D

21	22	23	24	25	26	27	28	29	30	31	TOTAL
6810	6190	5640	5380	5130	6490	7880	6810	5640	4890	4670	
4100	4890	7150	11000	12500	14900	14900	19000	19700	23700	31200	
5000	4910	4910	4910	4910	5000	5000	5080	6190	5680	5250	
7300	8320	9060	9800	10900	9800	9060	10300	10500	11300	10900	
7980	7720	7450	7450	7180	7180	6920	6920	6660	6660	6390	
9530	8640	8000	7520	7740	8410	8640	9080	9080	8640	8190	
4830	4720	4600	4480	4720	5500	6400	7520	8190	7960	7740	
5710	5220	4980	4980	5220	5340	6240	6660	6810	7740	9150	
16400	18000	18700	18000	16100	14800	12200	12200	12800	11500	11800	
4670	4100	3990	3670	3360	3430	4700	4380	5360	5030	5120	
5700	5540	5320	5540	5470	7040	6740	6520	6440	6070	5920	
12200	11700	10900	10700	9900	9600	9220	9120	9120	10700	11300	
4400	4180	3960	3890	4320	4620	4400	4250	4100	4250	4180	
9600	10200	10500	10200	10200	10400	12000	13100	11700	10200	10200	
7330	7170	7650	9090	8930	7970	8130	7650	7330	7810	8290	
8610	9030	9300	9640	9500	9100	8690	8260	7700	8750	9620	
14500	12600	11800	10800	10500	13000	13500	12700	12500	12900	13100	
8240	8610	9440	11100	12200	12400	12800	13300	12700	12200	11800	
9600	9600	9920	9760	9600	8640	8160	7680	7490	7460	7750	
5468	5074	5796	5022	4787	4461	4241	4198	4667	4521	4537	
8717	8517	7777	7247	6828	6999	5930	5910	6140	6270	6560	
8308	9284	9928	11175	10899	12114	11333	11495	11952	11586	11785	
4969	4717	4632	4615	4825	5036	5266	5255	5317	4972	4676	
8583	10072	11107	11444	11323	10110	9820	9536	10170	11580	11316	
8581	8430	8460	8352	8041	7268	6578	6181	6337	6674	6809	
12974	12930	12541	12865	13949	15565	16723	15918	15515	15115	14000	
15936	13925	13375	13343	16833	18174	14975	11890	10432	10248	10795	
7923	8121	7990	8895	10240	11950	10158	7778	6509	6268	5921	
4074	4020	3888	3711	3338	3312	3040	2876	2505	2306	2130	
14350	13870	12690	11780	11090	10725	10000	10855	11600	11513	10516	
4404	4192	3976	3964	3735	3313	3033	2768	3051	2762	3114	
11536	9768	8909	7754	7128	7836	8923	9582	8753	8044	7795	
12700	14513	14995	14810	15145	15957	15944	14976	13632	12294	10471	426,097
7067	7767	8604	9196	9374	8661	6911	5882	5099	4639	4515	179,709
4902	5365	5164	4767	4518	4524	4740	5434	6571	7559	7289	147,623
3266	3062	2718	2828	3154	3577	3752	3550	3494	3274	3405	125,769
12114	12710	10953	8933	7079	6384	5838	5841	5783	5880	5991	282,088
4866	5561	5879	6017	6201	6925	8055	8577	7771	8254	9359	170,805
3048	2961	2783	2987	2913	2832	2553	2605	2394	2372	2334	114,808
6039	6926	7983	9299	9501	9016	8784	8402	8204	8005	8375	214,264
8582	7622	6831	6225	6150	7498	8365	9154	9524	9492	9120	312953
6045	5598	5827	6462	6098	6658	6286	6269	6315	5787	5017	190,596
9033	8327	8402	9447	11025	11983	14127	16428	15847	14345	12313	355,657
4987	4246	4115	3860	3410	3487	3285	3479	3664	4124	4620	170,918
7275	7288	7106	7107	7859	7933	7868	7286	6819	6630	6476	217,240

YEAR-	1	2	3	4	5	6	7	8	9	10	11.
1895-	4470	4100	3930	3930	4100	3930	4100	3930	3760	3590	3430
1896-	27000	27000	32100	29500	27000	24500	24500	25300	23700	25300	22900
1897-											
1898-	4910	4820	4820	4480	4310	4480	4140	3970	4140	4650	4910
1899-	10200	10500	12800	13900	13900	11300	10500	10500	9800	10200	11600
1900-	6120	6120	6660	6920	7180	7850	7450	6920	6920	6120	5330
1901-	7740	7740	7740	7070	6400	5720	5500	5050	4830	4600	4380
1902-	7070	6170	5500	5280	5160	5050	5160	5840	6730	7520	7290
1903-	13300	16800	16200	14400	13300	12700	13300	13800	14400	14400	13800
1904-	11800	11800	10400	9440	9440	10100	9770	9770	9600	9440	9440
1905-	6070	6260	5890	5380	5180	4940	4860	5360	5360	5010	5010
1906-	5700	5470	5620	6070	6140	6440	5700	5700	5470	5540	5920
1907-	11700	12200	12200	11900	11100	10900	11300	10700	10500	10000	9700
1908-	4030	3820	3960	4260	4030	3890	3960	4400	4780	5500	6260
1909-	11600	13900	15400	15900	16000	16000	14600	13000	11800	10800	9400
1910-	9090	9250	8290	6850	6700	6850	6250	5950	5200	5050	5650
1911-	10500	11500	12400	13400	13400	12800	13300	13800	13500	12400	12500
1912-	13200	13300	13700	13600	14000	14400	14800	15300	15600	15100	13900
1913-	11400	11000	10900	10500	9920	9680	9280	9360	9280	8720	8160
1914-	8020	8150	8750	8400	7550	6430	5800	5620	4820	4510	4200
1915-	5049	5114	4524	4067	3842	3890	3822	3999	4124	3945	3630
1916-	6620	6470	6960	8179	9468	10068	10178	10582	11262	11622	10902
1917-	10945	10482	10360	9902	9270	8811	9153	9429	11048	12940	12928
1918-	4749	5176	5836	6558	7497	8777	9016	10176	10760	11557	12061
1919-	10255	7472	6089	5464	5206	5145	5188	5118	4899	4586	4265
1920-	6487	5870	5508	4985	4893	5269	6050	6487	7077	7214	6968
1921-	14670	14220	14340	14695	15550	15973	17037	17258	17540	16818	16617
1922-	11577	12915	12786	13520	14444	15650	16463	14915	15022	12475	10466
1923-	6042	5198	4530	4716	4888	5297	6345	7213	8065	8744	9037
1924-	1935	1858	2013	2026	1969	1634	1948	1302	1610	1463	1260
1925-	8353	8046	7281	6584	5910	5445	4939	4668	4456	4555	4763
1926-	2718	2626	2718	2576	2514	2497	2566	2340	2403	2135	2055
1927-	6947	6653	6698	7545	8288	9452	12595	13620	17584	15675	14750
1928-	9985	9113	7355	6921	6982	7153	6716	6596	6177	5303	5541
1929-	4859	4708	4073	4456	4007	3865	4717	5046	5665	5839	5492
1930-	6967	4563	4532	4368	4000	3929	4232	5477	6346	6983	6399
1931-	3335	3636	3543	3254	2910	2647	2580	2501	2502	2161	2134
1932-	5747	5425	5100	5332	6021	8061	7489	6278	5952	6154	6787
1933-	11448	12048	12091	12508	11191	9955	10361	9261	9038	11474	11156
1934-	2235	2292	2075	1917	1903	1614	1694	1788	1897	1628	1676
1935-	8859	8727	8204	7712	7596	7983	8495	8603	8779	8648	7399
1936-	9965	9828	8690	7783	7050	6627	7284	8334	7421	6245	5807
1937-	4446	3857	3969	4140	4323	3737	3532	3159	3329	3796	3510
1938-	12041	12283	13053	13791	13719	13699	13906	13723	13000	11393	9451
1939-	4184	3820	3378	3153	2996	2798	2702	2364	2324	2327	2259
1940-	6577	6623	6228	5771	5412	4936	4592	4410	4362	3753	3865

				JUNE									
7	8	9	10	11	12	13	14	15	16	17	18	19	
4100	3930	3760	3590	3430	3430	3760	3590	3760	3590	3430	3120	2970	
24500	25300	23700	25300	22900	22900	29500	35500	32100	32100	32100	31200	30400	
4140	3970	4140	4650	4910	5170	5510	5690	6020	6020	5100	4530	3900	
10500	10500	9800	10200	11600	13900	10200	11300	10500	11300	13900	16100	17200	
7450	6920	6920	6120	5330	4940	4940	4940	4810	5730	4810	4230	4230	
5500	5050	4830	4600	4380	4270	3930	3710	3710	3930	4380	4600	4930	
5160	5840	6730	7520	7290	6840	6510	5950	5280	4390	4160	3940	3940	
13300	13800	14400	14400	13800	12700	11500	10500	10000	10500	10000	10000	7740	
9770	9770	9600	9440	9440	8900	8180	8480	8800	10100	10800	10400	10100	
4860	5360	5360	5010	5010	4920	5090	4920	4460	4000	3990	3650	3110	
5700	5700	5470	5540	5920	7430	7990	6900	6740	6600	6600	6000	5620	
11300	10700	10500	10000	9700	9320	9320	8350	8130	7410	6340	5740	5830	
3960	4400	4780	5500	6260	7770	8670	9310	4550	5180	8490	7770	6870	
14600	13000	11800	10800	9400	8230	8230	8230	11800	13000	12800	12800	12000	
6250	5950	5200	5050	5650	5950	5500	5350	5350	5200	5050	4900	4190	
13300	13800	13500	12400	12500	14100	15100	14700	15100	15000	14400	13500	14000	
14800	15300	15600	15100	13900	13300	14300	13800	12000	10500	9410	8770	8610	
9280	9360	9280	8720	8160	7600	7360	7120	6580	6060	5980	5600	5530	
5800	5620	4820	4510	4200	4160	4280	4280	4140	4720	5020	5320	5620	
3822	3999	4124	3945	3630	3428	3149	2848	2699	2666	2802	2798	2820	
10178	10582	11262	11622	10902	10012	9570	10158	11058	12138	13142	14280	15450	
9153	9429	11048	12940	12928	10816	9286	7885	8621	10266	11395	13840	14535	
9016	10176	10760	11557	12061	11855	12282	12601	11324	9414	7893	7507	7440	
5188	5119	4899	4586	4265	3990	3755	3557	3456	3383	3392	3334	3276	
6030	6487	7077	7214	6868	6349	6153	6119	6316	6708	6845	6440	5909	
17037	17258	17540	16818	16617	17625	16612	15901	13645	11422	8661	7218	7047	
16463	14815	15022	12475	10466	10142	10280	11675	16005	12185	11735	11621	11721	
6345	7213	8065	8744	9037	10502	9524	7543	5722	7972	5150	4877	5162	
1948	1302	1610	1463	1260	1293	1160	1265	1703	1194	1061	1009	944	
4939	4668	4456	4555	4763	4857	4997	5108	6234	5415	5470	5210	6540	
2566	2340	2403	2135	2055	1939	1807	1670	1581	1482	1379	1343	1274	
12595	13620	17584	15675	14750	16150	16294	15869	15574	14561	13880	12861	12882	
6716	6596	6177	5305	5541	5158	4911	4695	4404	4352	4304	3931	3857	
4717	5046	5665	5839	5492	5378	5359	5536	5797	6342	7305	6062	4896	
4232	5477	6346	6903	6399	6649	6288	5115	4867	4237	4229	4593	4238	
2580	2501	2502	2161	2134	2028	1619	1750	1578	1506	1531	1507	1428	
7489	6278	5952	6154	6787	7159	8423	8638	9594	11250	10637	9668	8333	
10361	9261	9038	11474	11156	11117	11423	12035	12093	12214	11586	9977	8216	
1694	1788	1897	1628	1676	1636	1635	1578	1526	1430	1350	1263	1172	
8495	8603	8779	8648	7399	7437	7305	6893	6609	5901	5174	4585	4679	
7284	8334	7421	6245	5807	5408	5523	5579	5326	5307	4841	4555	4223	
3532	3159	3329	3796	3510	3291	2979	2708	2697	2762	2797	2776	2610	
13906	13723	13000	11393	9451	8936	9236	9148	8857	8741	8587	8585	7465	
2702	2364	2324	2327	2259	2226	2131	2218	2211	2269	2305	2120	2001	
4592	4410	4362	3753	3865	3782	4243	4395	4385	4048	3864	3613	3570	

JUNE

14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.
3590	3760	3590	3430	3120	2970	3120	3270	3590	4100	4100	4100	4100
35500	32100	32100	32100	31200	30400	27000	27000	22900	19000	15500	14300	14300
5680	6020	6020	5100	4530	3900	3900	3740	3900	4530	3740	3600	3600
11300	10500	11300	6020	5850	5850	5680	5680	5680	5680	5510	5170	4650
4940	4810	5730	13900	16100	17200	18700	15000	11300	10600	12000	12000	11300
			4810	4230	4230	4230	4460	4340	3910	3710	3520	3330
3710	3710	3930	4380	4600	4930	5280	5500	5280	4830	4380	3710	3060
5950	5280	4380	4160	3940	3940	3740	3550	3550	3550	3740	3550	3190
10500	10000	10500	10000	10000	7740	7110	6520	6240	6240	5460	5220	5220
8480	8800	10100	10800	10400	10100	8960	8480	8180	7580	6500	6010	5540
4930	4460	4000	3990	3650	3110	2930	3120	2990	2930	2880	2880	2770
6900	6740	6600	6600	6000	5620	5400	5320	5180	5040	4760	4760	4900
8850	8130	7410	6340	5740	5830	6170	7050	7770	7220	6510	6510	7770
8310	4550	5180	8490	7770	6870	5830	5660	4860	4400	4250	4180	5020
8230	11800	13000	12800	12800	12000	11600	9600	9200	8230	8040	7860	7500
5350	5350	5200	5050	4900	4190	4050	4050	3840	3490	3360	3360	3360
14700	15100	15000	14400	13500	14000	13900	13100	12500	12300	11200	9500	8750
13800	12000	10500	9410	8770	8610	8950	9600	9300	8990	9170	8710	8560
7120	6580	6060	5980	5600	5530	5160	4640	4500	4640	4640	4360	3940
4280	4140	4720	5020	5320	5620	5320	5020	4720	4140	3870	3730	3640
2848	2699	2666	2802	2798	2820	2743	2732	2609	2598	2578	2635	2581
10158	11058	12138	13142	14280	13450	13190	10262	8651	7470	7140	7652	8584
7885	8621	10266	11395	13840	14535	14566	13453	12962	11684	10581	10248	9269
12601	11324	9414	7893	7507	7440	7170	6675	6964	6615	6750	5485	4699
3557	3436	3383	3392	3334	3276	3154	3999	2937	2871	2719	2621	2430
6119	6316	6708	6845	6440	5909	5372	5213	5177	5181	5128	4799	4317
15901	13645	11422	8661	7218	7047	7591	7649	8270	8770	9205	9132	8310
11675	16005	12185	11735	11621	11721	11290	11142	10158	8827	7840	6940	6928
7543	5722	7972	5150	4877	5162	5152	5247	6730	6020	5878	5422	4917
1265	1703	1194	1061	1009	944	998	989	984	976	971	925	979
5108	5234	5415	5470	5210	6540	6391	7203	8280	8590	8012	7286	6638
1670	1581	1482	1379	1343	1274	1426	1364	1350	1304	1192	1123	1049
15869	15374	14561	13880	12861	12882	13360	12600	12002	11701	11590	11419	11187
4695	4404	4352	4304	3931	3857	3787	3753	3868	3825	3952	4065	4037
5535	5797	6342	7305	6062	4896	4273	3946	4095	4135	4073	3961	3936
5115	4867	4237	4229	4593	4238	3786	3579	3310	3101	2872	2981	2604
1750	1578	1506	1531	1507	1428	1323	1261	1205	1185	1133	1100	1016
8638	9594	11250	10637	9668	8333	8291	8168	7948	9118	9447	9649	8662
12035	12093	12214	11586	9977	8216	7127	6552	6375	5944	6374	5249	4887
1578	1526	1430	1350	1263	1172	1064	1047	1056	1023	959	870	839
6893	6609	5901	5174	4585	4679	4618	4706	4385	4288	4283	3743	3480
5579	5326	5307	4841	4555	4223	4012	3679	3637	3379	3178	3353	2967
2708	2697	2762	2797	2776	2610	2537	2601	2822	2965	2580	2294	2115
9148	8857	8741	8587	8585	7465	6657	6261	6787	6962	6537	6114	6286
2218	2211	2269	2305	2220	2001	1968	1876	1821	1683	1640	1631	1643
4395	4385	4048	3864	3613	3570	3328	3012	2827	2612	2354	2123	2041

Chart 2B

21	22	23	24	25	26	27	28	29	30	31	TOTAL
3270	3590	4100	4100	4100	4100	3930	3930	3930	3760		
27000	22900	19000	15500	14300	14300	27000	11500	9520	9520		
3740	3900	4530	3740	3600	3600	3740	3600	3460	3460		
5680	5680	5680	5510	5170	4650	4650	3970	3800	3460		
15000	11300	10500	12000	12000	11300	10500	11300	12200	11300		
4460	4340	3910	3710	3520	3330	2980	2810	2480	2330		
5500	5280	4830	4380	3710	3060	2880	2720	2880	3060		
3550	3550	3550	3740	3550	3190	3030	2730	2660	2520		
6520	6240	6240	5460	5220	5220	5100	4980	4980	4530		
8480	8180	7580	6800	6010	5540	5540	5540	5770	5770		
3120	2990	2930	2880	2880	2770	2870	2560	2390	2240		
5320	5180	5040	4760	4760	4900	5040	5920	5040	4480		
7050	7770	7220	6510	6510	7770	7950	8670	9500	9220		
5660	4860	4400	4250	4180	5020	5830	5420	5100	5340		
9600	9200	8230	8040	7860	7500	7050	7680	7680	7680		
4050	3840	3490	3360	3360	3360	3360	3360	3230	3100		
13100	12500	12300	11200	9500	8750	8150	9160	8400	7970		
9680	9300	8990	9170	8710	8560	8260	7150	6400	6100		
4640	4500	4640	4640	4360	3940	3660	4080	3660	3400		
5020	4720	4140	3870	3730	3640	3540	3450	3360	3270		
2732	2609	2598	2578	2635	2581	2339	2045	1955	1920		
10262	8651	7470	7140	7652	8584	9314	9184	9420	7796		
13453	12962	11684	10581	10248	9269	9101	9485	9517	8933		
6675	6964	6615	6750	5485	4699	4072	3663	3394	3524		
3999	2937	2871	2719	2621	2430	2319	2248	2150	2078		
5213	5177	5181	5128	4799	4317	3859	3554	3342	3465		
7649	8270	8770	9205	9133	8310	6694	6628	7439	6826		
11142	10158	8827	7840	6940	6928	6536	6080	5557	5137		
5247	6730	6020	5878	5423	4917	5132	5037	5765	6268		
989	984	976	971	925	979	913	848	844	872		
7203	8280	8590	8012	7286	6638	6298	5927	5747	5902		
1364	1350	1304	1192	1123	1049	1099	1040	1031	935		
12600	12002	11701	11590	11419	11187	13798	9724	8546	7506		
3753	3868	3825	3952	4065	4037	4027	3394	3358	3328	152,828	
3946	4095	4135	4073	3962	3936	4005	3839	3784	3699	142,948	
3579	3310	3101	2872	2987	2604	2442	2394	2359	2241	128,691	
1261	1205	1185	1133	1108	1016	890	722	687	742	55,431	
8168	7948	9118	9447	8649	8662	7123	7040	6545	6075	229,112	
6552	6375	5944	6374	5249	4887	4988	4345	4269	3797	269,099	
1047	1056	1023	959	870	839	930	1017	1037	969	43,120	
4706	4385	4288	4283	3743	3480	3281	3130	3051	3078	181,631	
3679	3637	3379	3178	3153	2967	2866	2489	2357	2111	159,642	
2601	2822	2965	2580	2294	2115	1911	1769	1838	1648	89,498	
6261	6787	6962	6537	6114	6286	6412	6067	5592	5774	279,069	
1876	1821	1683	1640	1637	1643	1546	1417	1398	1429	67,944	
3012	2827	2612	2354	2123	2041	1855	1717	1899	1432	113,629	

YEAR	1	2	3	4	5	6	7	8	9	10	11
1895	3590	3430	3430	3430	3120	3120	3430	3430	3270	3270	3120
1896	9080	11500	12500	12500	11500	11000	10500	9980	9080	8660	8260
1897	3460	4080	3600	3260	3260	3070	2880	2810	2420	2290	2360
1898	3290	3120	2600	2600	2430	2600	2430	2430	2600	2600	2430
1899	11300	10200	10200	9800	8690	7960	7780	8320	7780	7600	7300
1900	2180	2040	1980	1910	1680	1620	1570	1460	1460	1520	1520
1901	2880	2880	2880	2800	2430	2300	2300	2300	2180	2180	2070
1902	2280	2400	2340	2660	2220	2110	2000	1900	1900	1950	1950
1903	4310	3900	3520	3080	2990	3020	2990	2830	2610	2400	2400
1904	5770	5540	5540	5540	4680	4680	4680	4680	4680	4090	3720
1905	2150	2150	2060	1970	1870	1790	1710	1630	1550	1470	1430
1906	4130	4270	4480	4550	4340	4200	4060	3860	3670	3420	3240
1907	8940	8670	8850	9220	8940	7770	6000	6260	6990	6870	6510
1908	5580	5660	5740	4400	5500	4940	4400	4400	4320	4100	3960
1909	7680	7500	7500	6780	6260	6010	5770	5470	5170	3910	3720
1910	2970	2780	2660	2600	2720	2360	2250	2140	2140	2030	1980
1911	7230	6360	6100	6300	6350	6240	6280	5720	4880	4370	3950
1912	5500	5050	4610	4050	3910	3770	3630	3490	3230	3100	2970
1913	3530	3400	3270	3400	3140	3140	3140	3020	2770	2650	2420
1914	3180	3030	2890	2760	3770	2960	2710	2470	2280	2200	2340
1915	1899	1843	1780	1767	1672	1872	1894	2065	1762	2001	1666
1916	7236	8410	8074	6851	6408	7015	7302	7394	7511	6736	6069
1917	8343	8083	7952	8089	7896	7188	7099	6683	6293	5838	5125
1918	3181	2916	2773	2605	2470	2176	2197	2210	2055	1968	1934
1919	1934	1869	1728	1626	1537	1460	1448	1411	1384	1334	1272
1920	3529	3574	3425	3139	2987	2825	2654	2470	2315	2167	2047
1921	5928	5285	4216	4406	3896	3750	3922	3772	3731	3650	3313
1922	4597	4132	4014	3657	3499	3258	3454	3009	2946	2656	2512
1923	6345	6011	5031	5109	4710	4275	4065	3834	3931	3472	3246
1924	789	695	686	684	675	629	650	615	615	563	554
1925	5650	4866	4388	4062	3889	3613	3299	2852	3004	2639	2536
1926	944	927	880	861	826	812	800	780	824	819	841
1927	7214	6826	6685	6340	5880	4949	5104	5014	4905	4723	4366
1928	2922	3023	2928	2683	2796	2729	2403	2319	2309	2102	2098
1929	3459	3250	2814	2599	2363	2282	2149	2042	1917	1860	1793
1930	2096	1895	1887	1913	1846	1799	1709	1599	1490	1414	1403
1931	730	780	726	704	655	637	634	635	632	631	646
1932	5403	5232	4606	3919	3729	3321	2775	2850	2956	2703	2467
1933	3548	2842	2789	2615	2584	2423	2312	2142	2093	2005	1803
1934	914	878	858	823	780	763	728	737	714	675	684
1935	2696	2493	2479	2280	2287	2144	2301	2041	1898	1746	1630
1936	2004	1849	1680	1686	1614	1638	1552	1528	1379	1493	1522
1937	1701	1497	1437	1252	1358	1258	1244	1248	1218	1200	1109
1938	6644	5707	5906	5470	5398	5031	4585	4216	3980	3947	3606
1939	1347	1354	1301	1285	1388	1464	1389	1329	1264	1131	1072
1940	1470	1571	1481	1482	1526	1422	1394	1353	1196	1165	1149

					JULY							
6	7	8	9	10	11	12	13	14	15	16	17	18
3120	3430	3430	3270	3270	3120	3120	3120	3120	3120	3120	2830	1870
1000	10500	9980	9080	8660	8260	8260	7510	7150	6490	5910	4890	4470
3070	2880	2810	2420	2290	2360	2350	2290	2290	2290	2160	2160	2290
2600	2430	2430	2600	2600	2430	2600	2260	2260	2090	1920	1750	1660
7960	7780	8320	7780	7600	7300	7000	6700	6120	5580	5060	4820	4580
1620	1570	1460	1460	1520	1520	1520	1460	1410	1270	1270	1230	1190
2300	2300	2300	2180	2180	2070	1970	1970	1870	1780	1780	1696	1640
2110	2000	1900	1900	1950	1950	2000	2060	1950	1900	1850	1800	1700
3020	2990	2830	2610	2400	2400	2260	2400	2330	2260	2400	2470	2400
4680	4680	4680	4680	4090	3720	3370	3210	3050	2900	2670	2500	2500
1790	1710	1630	1550	1470	1430	1350	1270	1210	1170	1140	1070	1030
4200	4060	3860	3670	3420	3240	3180	2950	2780	2510	2350	2200	2060
7770	6000	6260	6990	6870	6510	6260	6260	5420	5100	4700	4480	4250
4940	4400	4400	4320	4100	3960	3560	3430	3690	3960	3070	2470	2420
6010	5770	5470	5170	3910	3720	3650	3410	3170	3050	2930	2810	2590
2360	2250	2140	2140	2030	1980	1880	1830	1780	1730	1680	1380	1550
6240	6280	5720	4880	4370	3950	3820	3680	3540	3540	3480	3280	3150
3770	3630	3490	3230	3100	2970	2970	2840	2840	2720	2640	2480	2480
3140	3140	3020	2770	2650	2420	2200	2100	1990	1890	1800	1710	1710
2960	2710	2470	2280	2200	2340	2160	1980	2010	1840	1780	1710	1620
1872	1894	2065	1762	2001	1666	1582	1539	1570	1370	1162	1228	1197
7015	7302	7394	7511	6736	6069	5816	5584	5211	4830	4471	4661	4001
7188	7099	6683	6293	5838	5125	4666	4380	3940	3492	3222	3052	2971
2176	2197	2210	2055	1968	1934	2086	1858	1735	1698	1819	1718	1480
1460	1448	1411	1384	1334	1272	1218	1122	1094	1119	1087	1047	940
2825	2654	2470	2315	2167	2047	1998	1990	1889	1752	1589	1537	1431
3750	3922	3772	3731	3650	3313	3645	2956	2907	2538	2870	2392	2293
3258	3454	3009	2946	2656	2512	2506	2385	2241	2007	2334	1919	1936
4275	4065	3834	3931	3472	3246	3702	3204	3249	3091	2602	2790	2609
629	650	615	615	563	554	590	587	580	561	540	523	522
3613	3299	2852	3004	2639	2536	2674	2361	2203	2092	2054	1884	1917
812	800	780	824	829	841	774	739	672	681	646	689	638
4949	5104	5014	4905	4723	4366	4377	4170	3847	3643	3553	3168	3209
2729	2403	2319	2309	2102	2098	2084	1974	1920	1875	1856	1845	1733
2282	2149	2042	1917	1860	1793	1686	1602	1480	1415	1354	1355	1252
1799	1709	1599	1490	1414	1403	1429	1356	1335	1261	1219	1199	1139
637	634	635	632	631	646	645	618	603	595	598	576	555
3321	2775	2850	2956	2703	2467	2595	2242	2710	2887	2349	1977	2035
2423	2312	2142	2093	2005	1803	1648	1548	1427	1415	1299	1253	1270
765	728	737	714	675	684	639	558	528	513	554	560	552
2144	2301	2041	1898	1746	1630	1669	1715	1652	1548	1480	1436	1378
1638	1552	1528	1379	1493	1522	1550	1544	1481	1344	1263	1224	1216
1258	1244	1248	1218	1200	1109	1039	964	897	849	863	855	923
5031	4585	4216	3980	3947	3606	3538	3017	3060	2911	2940	2934	2684
1464	1389	1329	1264	1131	1072	1056	1033	973	946	909	869	854
1422	1394	1353	1196	1165	1149	1096	1062	1020	968	944	876	871

JULY

13	14	15	16	17	18	19	20	21	22	23	24	25	
120	3120	3120	3120	2830	1870	1870	1770	1680	1680	1510	1430	350	1
110	7150	6490	5910	4890	4470	4100	3120	2560	1870	2560	3120	120	23
120	2290	2290	2160	2160	2290	2160	1900	1840	1640	1980	1840	770	16
160	2260	2090	1920	1750	1660	1580	1490	1400	1320	1230	1150	360	8
100	6120	5580	5060	4820	4580	4480	4160	4160	3760	3560	2980	180	870
160	1410	1270	1270	1230	1190	1160	1100	1080	1080	1050	1050	120	110
170	1870	1780	1780	1690	1640	1600	1600	1540	1510	1560	1600	560	151
160	1950	1900	1850	1800	1700	1700	1610	1520	1550	1190	1190	190	110
100	2330	2260	2400	2470	2400	2010	1950	2010	2130	2010	1900	300	1700
110	3050	2900	2670	2500	2500	2440	2380	2380	2380	2440	2260	140	1920
170	1210	1170	1140	1070	1030	1010	990	970	950	950	880	160	840
150	2780	2510	2350	2200	2060	1950	1780	1660	1590	1660	1740	110	1370
160	5420	5100	4700	4480	4250	4250	4320	4100	3950	3810	3600	160	3270
130	3690	3960	3870	2470	2420	2320	2170	2120	2030	2030	1850	310	1690
120	3170	3050	2930	2810	2590	2540	2370	2200	2150	2050	1970	370	1880
130	1780	1730	1680	1380	1550	1550	1420	1420	1420	1340	1300	260	1230
180	3540	3540	3480	3280	3150	2960	2710	2590	2420	2500	2190	380	3020
140	2840	2720	2600	2480	2480	2480	2250	2250	2030	2030	1830	330	1680
100	1990	1890	1800	1710	1710	1620	1710	1620	1620	1620	2310	240	3800
180	2010	1840	1780	1710	1620	1540	1550	1810	1630	1470	1470	395	1920
139	1570	1370	1162	1228	1197	1111	1102	1041	1007	960	929	892	871
184	5211	4830	4471	4661	4001	3584	3258	3110	2894	2704	2591	265	3424
180	3940	3492	3222	3052	2971	2744	2579	2380	2210	2055	2047	881	1780
198	1735	1698	1819	1718	1480	1719	1651	1566	1585	1272	1111	303	1265
122	1094	1119	1087	1047	940	914	863	888	835	770	762	747	746
190	1889	1752	1589	1537	1431	1424	1360	1333	1270	1243	1180	119	1109
156	2907	2538	2870	2392	2293	2277	2086	1840	2042	1872	1694	812	1677
185	2241	2007	2334	1919	1936	1861	1838	1891	1776	1739	1662	899	1575
104	3249	3091	2602	2790	2609	2362	2191	2148	2125	1893	1950	277	1986
187	580	561	540	523	522	531	544	544	544	544	544	544	540
151	2203	2092	2054	1884	1917	1803	1793	1619	1735	2095	1675	1532	1380
159	672	681	646	689	638	639	600	542	497	494	498	485	463
170	3847	3643	3553	3168	3209	2923	2887	2756	2365	2375	2078	1332	1978
104	1920	1875	1856	1845	1733	1627	1567	1475	1455	1421	1390	1300	1244
102	1480	1415	1354	1355	1252	1221	1092	1070	1060	981	987	949	903
156	1335	1261	1219	1199	1139	1084	987	965	989	950	928	880	841
118	603	595	598	576	555	552	516	496	455	450	438	425	418
12	2710	2887	2349	1977	2035	1902	2203	1820	1761	1717	1618	1507	1404
148	1427	1415	1299	1253	1270	1209	1113	1059	1017	1018	994	985	945
108	528	513	554	560	552	563	524	512	463	496	478	463	448
15	1652	1548	1480	1436	1378	1245	1214	1149	1144	1103	1073	1024	993
14	1481	1344	1263	1224	1216	1173	1144	1092	1113	1103	1098	1100	1076
14	897	849	863	855	923	858	861	801	781	779	732	729	710
17	3060	2911	2940	2934	2684	2491	2264	2223	2109	1931	1925	1773	1808
13	973	946	909	869	854	831	793	772	770	771	785	778	698
2	1020	968	944	876	871	845	836	826	812	772	786	758	742

Chart 2F

21	22	23	24	25	26	27	28	29	30	31	TOTAL
1680	1680	1510	1430	350	1350	1350	1280	1350	1350	1280	
2560	1870	2560	3120	120	2310	2080	1870	2310	2310	2190	
1840	1640	1980	1840	770	1640	1640	1580	1510	1380	1440	
1400	1320	1230	1150	060	978	892	892	892	978	892	
4160	3760	3560	2980	980	2780	2580	2580	2390	2490	2390	
1080	1080	1050	1050	120	1120	1050	1050	990	978	960	
1540	1510	1560	1600	560	1510	1350	1200	1130	1080	1060	
1520	1350	1190	1190	190	1126	1120	1120	1120	1120	1040	
2010	2130	2010	1900	300	1780	1780	1570	1470	1580	1330	
2380	2380	2440	2260	240	1920	1810	1810	1810	1700	1600	
970	950	930	880	860	840	820	820	810	780	750	
1660	1590	1660	1740	110	1370	1310	1300	1260	1240	1200	
4100	3950	3810	3600	160	3270	3200	3340	3270	3020	2840	
2120	2030	2030	1850	810	1690	1580	1540	1470	1440	1330	
2200	2150	2050	1970	870	1820	1970	2080	1820	1680	1500	
1420	1420	1340	1300	260	1230	1160	1160	1130	1100	1070	
2590	2420	2300	2190	280	2020	1970	1860	1760	1720	1670	
2250	2030	2030	1830	830	1640	1640	1550	1460	1350	1930	
1620	1620	1620	2310	940	3800	3400	3140	2650	2420	2200	
1810	1630	1470	1470	395	1320	1250	1250	1270	1210	1210	
1041	1007	960	929	892	871	870	845	831	813	849	
3110	2894	2704	2591	265	2424	2274	2162	2050	1944	1869	
2380	2210	2055	2047	881	1789	1743	1716	1640	1574	1514	
1566	1585	1272	1111	283	1265	1192	1118	1054	1241	1327	
888	835	770	762	747	746	729	747	741	743	753	
1333	1270	1243	1180	119	1109	1116	1140	1042	1046	962	
1840	2042	1872	1694	1812	1677	1600	1436	1345	1389	1354	
1891	1776	1739	1662	1599	1575	1450	1421	1442	1370	1347	
2148	2125	1893	1950	2277	1986	1790	1772	1538	1484	1462	
544	544	544	544	544	520	500	470	450	430	425	
1619	1735	2095	1675	1532	1380	1410	1433	1233	1350	1258	
542	497	494	493	485	465	459	442	429	429	429	
2756	2365	2375	2078	2232	1979	2061	1834	1808	1930	1649	
1475	1455	1421	1390	1300	1244	1243	1236	1222	1223	1144	
1078	1060	981	987	949	923	875	845	846	811	804	49,144
965	989	950	928	888	841	855	823	822	774	722	59,617
496	455	450	435	423	418	405	406	389	384	406	17,335
1820	1761	1717	1618	1507	1404	1412	1324	1328	1243	1152	77,149
1059	1017	1018	996	985	945	913	888	886	881	879	49,805
512	463	496	478	461	440	421	413	427	427	441	18,626
1149	1144	1103	1073	1021	993	1015	988	960	943	946	48,667
1092	1113	1103	1098	1100	1076	1068	1062	966	880	837	41,279
801	781	779	732	729	710	705	683	640	622	597	30,410
2223	2109	1931	1925	1773	1805	1736	1646	1725	1697	1484	100,383
772	770	771	795	778	690	669	648	670	659	630	30,440
826	812	772	786	752	792	729	731	757	790	760	32,234

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	1280	1210	1210	1210	1210	1140	1140	1140	1070	1070	1070	1070
1896	2190	1870	2190	1770	1680	1680	1590	1590	1590	1510	1510	1330
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	892
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	822
1901	1060	1060	1060	1050	1010	955	860	758	758	758	800	800
1902	1040	970	900	900	830	900	900	830	527	575	635	635
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	850
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

	6	7	8	9	10	11	12	13	14	15	AUGUST		
	1140	1140	1140	1070	1070	1070	1070	1070	1070	1070	16	17	18
	1680	1590	1590	1590	1510	1510	1350	1280	1210	1210	1010	1010	950
	1320	1320	1250	1250	1180	1180	1180	1120	1120	1120	1210	1210	1070
	892	892	892	892	892	892	806	806	806	721	1060	990	990
	2060	2200	2390	2390	2060	1940	1940	1760	1700	1700	721	550	550
	905	895	895	895	830	822	855	870	880	845	1700	1700	1580
											830	845	830
	955	860	758	758	758	800	830	818	830	800	830	818	800
	900	900	830	527	575	635	830	865	879	886	865	830	830
	865	905	828	828	828	828	828	790	790	790	768	828	752
	1600	1550	1660	1660	1160	1160	1120	1120	1120	1100	1070	1100	1070
	760	700	675	650	650	650	650	650	625	625	625	625	625
	920	920	880	845	810	780	750	810	840	810	750	750	725
	2040	1940	1900	1800	1760	1720	1640	1600	1520	1480	1440	1400	1360
	1190	1220	1160	1190	960	990	1050	930	960	1220	1050	1080	990
	1270	1230	1190	1190	1190	1110	1070	1030	1000	960	930	950	920
	990	965	965	940	940	915	890	890	890	890	890	890	890
	1410	1340	1370	1340	1300	1260	1260	1200	1200	1160	1130	1130	1100
	1640	1550	1460	1460	1380	1300	1300	1300	1230	1230	1230	1160	1160
	1800	1710	1620	1620	1540	1460	1380	1380	1310	1310	1310	1230	1160
	1140	1140	1070	1000	1000	1000	1000	937	937	937	873	873	873
	748	747	729	707	693	679	679	651	640	636	640	618	577
	1512	1463	1423	1391	1368	1322	1294	1264	1239	1207	1198	1251	1277
	1273	1238	1203	1150	1096	1066	1035	1008	997	971	969	1010	1093
	846	851	901	893	958	916	830	814	895	875	964	1064	1021
	627	643	649	666	628	613	628	670	667	624	621	585	593
	702	782	740	765	693	693	645	621	578	553	571	579	595
	1226	1195	1289	1231	1285	1257	1328	1109	1069	1074	996	975	998
	1481	1330	1250	1070	1104	1129	1074	1003	980	989	926	961	943
	1097	1273	1407	1117	985	1221	1182	1091	1055	854	1103	1030	898
	404	407	385	410	379	384	392	386	366	376	376	370	370
	1061	1006	1093	1058	934	951	982	1177	1208	1278	1096	1073	974
	429	435	439	477	505	511	509	516	509	496	479	465	460
	1425	1364	1314	1238	1179	1180	1166	1197	1234	1336	1420	1381	1326
	1021	1042	1045	1057	982	885	796	793	773	784	782	768	740
	695	711	628	616	582	632	638	601	564	522	501	479	446
	681	717	682	707	714	819	925	922	929	893	904	802	771
	405	385	375	365	355	355	355	360	360	360	360	360	360
	974	1006	968	943	891	918	905	898	835	846	827	778	769
	800	720	690	686	727	698	670	606	576	566	577	602	583
	420	409	359	335	325	315	352	367	385	393	380	380	372
	807	754	745	699	666	655	627	594	568	568	561	553	571
	758	712	682	645	644	669	758	811	855	910	878	768	706
	471	472	449	482	486	468	460	437	385	365	350	346	359
	1361	1327	1259	1208	1165	1112	1122	1086	1056	1065	1086	1091	1065
	516	515	507	481	511	479	493	499	502	493	466	416	380
	622	632	572	536	510	476	509	468	470	498	461	454	433

AUGUST

13	14	15	16	17	18	19	20	21	22	23	24	25
1070	1070	1070	1010	1010	950	950	950	950	890	890	890	890
1280	1210	1210	1210	1210	1070	1070	1010	1010	950	1010	1010	950
1120	1120	1120	1060	990	990	925	925	860	795	860	860	860
806	806	721	721	550	550	721	721	721	721	550	550	550
1760	1700	1700	1700	1700	1580	1520	1580	1700	1820	1820	1700	1580
870	880	845	830	845	830	822	830	822	822	855	880	905
818	830	800	830	818	800	800	818	830	830	800	800	740
865	879	886	865	830	830	830	795	795	774	760	760	750
790	790	790	768	828	752	752	715	715	715	715	715	715
1120	1120	1100	1070	1100	1070	1100	1070	1160	1160	1160	840	840
650	625	625	625	625	625	625	600	600	580	580	580	580
810	840	810	750	750	725	675	700	700	750	845	920	880
1600	1520	1480	1440	1400	1360	1320	1320	1280	1210	1280	1320	1400
930	960	1220	1050	1080	990	990	960	990	990	1020	990	900
1030	1000	960	930	950	920	920	950	850	820	790	790	820
890	890	890	890	890	890	870	850	830	850	830	830	830
1200	1200	1160	1130	1130	1100	1100	1100	1070	1070	1070	1070	1040
1300	1250	1230	1230	1160	1160	1160	1160	1160	1100	1040	1040	1040
1380	1310	1310	1310	1230	1160	1160	1160	1160	1020	1020	1020	1020
937	937	937	873	873	873	873	873	873	812	812	806	800
651	640	636	640	618	577	582	588	582	578	579	598	620
1264	1239	1207	1198	1251	1277	1390	1287	1234	1187	1138	1081	1055
1008	997	971	969	1010	1093	1076	1007	967	925	905	881	849
814	895	875	964	1064	1021	981	893	820	700	809	925	848
670	667	624	621	585	593	563	556	546	537	543	522	494
621	578	553	571	579	595	558	526	480	504	553	624	620
1109	1069	1074	996	975	998	928	802	906	762	879	619	748
1003	980	989	926	961	943	987	935	910	883	862	827	804
1091	1055	854	1103	1030	898	829	1027	1612	1212	1070	1135	684
386	366	376	376	370	370	370	413	461	431	415	401	387
1177	1208	1278	1096	1073	974	1004	1023	908	901	817	802	874
516	509	496	479	465	460	528	642	674	644	570	514	503
1197	1234	1336	1420	1381	1326	1278	1217	1165	1068	1055	980	965
793	773	784	782	768	740	744	751	727	739	694	674	671
601	564	522	501	479	446	488	503	506	532	517	511	496
922	929	893	904	802	771	745	733	730	700	597	567	546
360	360	360	360	360	360	360	360	360	360	349	349	347
898	835	846	827	778	769	719	683	621	626	656	700	718
606	576	566	577	602	583	576	539	517	490	523	540	553
367	385	393	380	380	372	356	357	356	343	342	350	350
594	568	568	561	553	571	590	579	581	571	543	508	486
811	855	910	878	768	706	630	570	593	593	595	604	605
437	385	365	350	346	359	383	375	358	350	333	336	337
1086	1056	1065	1086	1091	1065	1041	1011	1010	1046	1044	1048	1036
499	502	493	466	416	380	394	364	353	365	378	370	378
468	470	498	461	454	433	416	415	443	457	424	456	438

CHART 26

21	22	23	24	25	26	27	28	29	30	31	TOTAL
950	890	890	890	890	890	890	950	890	890	890	
1010	950	1010	1010	950	1010	950	1010	1010	1070	1210	
860	795	860	860	860	990	990	990	990	990	860	
721	721	550	550	550	550	550	550	550	636	550	
1700	1820	1820	1700	1580	1460	1400	1220	1220	1100	1100	
822	822	855	880	905	870	855	855	822	830	830	
830	830	800	800	740	770	740	788	770	800	770	
795	774	760	760	750	728	728	728	695	695	708	
715	715	715	715	715	752	790	865	905	828	790	
1160	1160	1160	840	840	750	682	682	682	930	930	
600	580	580	580	580	580	580	580	560	560	560	
700	750	845	920	880	780	780	725	780	780	750	
1280	1210	1280	1320	1400	1400	1400	1400	1320	1240	1210	
990	990	1020	990	900	900	870	870	870	870	870	
850	820	790	790	820	760	730	705	780	910	850	
830	850	830	830	830	830	850	830	850	830	850	
1070	1070	1070	1070	1040	1040	1020	1020	1020	1020	993	
1160	1100	1040	1040	1040	1040	1040	1040	990	990	990	
1160	1020	1020	1020	1020	1020	1020	1020	1020	956	956	
873	812	812	806	800	794	788	782	776	776	776	
582	578	579	598	620	595	591	569	534	536	538	
1234	1187	1138	1081	1055	1021	1002	1000	983	1052	1016	
967	925	905	881	849	831	874	862	827	809	790	
820	700	809	925	848	850	807	817	879	930	784	
546	537	543	522	494	492	482	484	490	502	503	
480	504	553	624	620	592	604	632	657	670	639	
906	762	879	619	748	831	780	747	551	687	683	
910	883	862	827	804	825	846	836	854	867	887	
1612	1212	1070	1135	684	1051	892	884	815	779	821	
461	431	415	401	387	374	366	361	386	381	381	
908	901	817	802	874	754	750	664	821	735	755	
674	644	570	514	503	498	494	483	459	470	488	
1165	1068	1055	980	965	908	918	903	855	844	856	
727	739	694	674	671	614	634	623	639	648	645	
506	532	517	511	496	486	515	524	538	556	587	18,411
730	700	597	567	546	517	498	519	536	566	564	21,628
360	360	349	349	347	345	340	353	353	347	340	11,578
621	626	656	700	718	687	675	675	719	784	814	26,106
517	490	523	540	553	545	585	625	636	605	617	20,141
356	343	342	350	350	350	357	350	350	360	383	11,311
581	571	543	508	486	483	478	484	515	520	527	19,511
593	593	595	604	605	603	605	592	572	547	576	21,626
358	350	333	336	337	344	375	425	408	426	427	12,998
1010	1046	1044	1048	1036	1039	1005	984	952	947	898	35,079
353	365	378	370	378	381	385	387	399	431	424	14,320
443	457	424	456	438	466	450	443	442	430	438	15,740

YEAR	1	2	3	4	5	6	7	8	9	10	11
1895	830	830	830	890	890	890	890	890	890	950	1070
1896	1210	1210	1070	1010	950	950	950	890	890	890	950
1897	860	990	990	990	1120	1120	1120	990	990	1120	1120
1898	550	550	636	636	636	636	636	636	636	721	721
1899	1340	1340	1340	1340	1280	1220	1220	1220	1220	1220	1220
1900	810	810	802	810	930	990	905	855	855	870	905
1901	770	770	770	830	830	800	800	800	800	770	770
1902	728	728	695	695	665	665	653	635	635	665	695
1903	828	752	715	715	715	715	715	715	715	715	715
1904	840	622	622	622	622	622	280	280	280	280	840
1905	560	560	560	560	560	560	560	560	560	560	560
1906	750	750	780	725	700	700	675	675	675	675	675
1907	1210	1240	1240	1280	1210	1240	1180	1100	1070	1040	1070
1908	870	840	810	810	782	810	840	990	930	870	900
1909	1020	1170	1250	750	1050	1170	1170	1090	1010	940	970
1910	830	850	850	850	830	850	830	830	810	810	780
1911	993	969	969	969	993	1020	1070	1070	1070	1020	993
1912	1040	1100	1040	1230	1300	1160	1160	1160	1160	1100	1040
1913	956	892	956	956	892	892	892	892	956	1160	1020
1914	718	817	718	718	718	718	718	718	718	718	718
1915	678	868	753	675	660	653	646	619	624	627	632
1916	976	944	940	969	962	944	933	916	929	1025	1006
1917	781	766	783	754	741	731	725	713	698	683	694
1918	752	718	858	725	669	520	623	519	655	878	1037
1919	502	493	503	511	511	500	504	524	542	546	523
1920	684	653	657	590	517	473	464	519	544	555	565
1921	756	718	733	730	774	842	721	686	726	680	693
1922	940	969	947	927	905	865	845	823	807	801	797
1923	832	859	770	817	766	797	714	631	716	685	679
1924	386	381	381	390	377	395	390	391	385	394	385
1925	743	736	669	658	544	686	825	1055	950	903	805
1926	518	524	515	497	491	475	476	466	469	463	456
1927	885	890	867	878	889	835	813	755	785	817	830
1928	672	642	652	626	593	621	615	626	649	657	676
1929	594	584	554	520	519	524	526	526	541	587	566
1930	551	549	533	533	500	500	500	500	541	537	549
1931	342	342	342	332	331	333	322	322	335	340	363
1932	828	840	815	803	777	719	693	673	655	681	668
1933	675	672	630	580	570	565	584	569	578	557	589
1934	424	442	427	408	374	363	370	376	383	380	377
1935	498	482	456	482	513	543	559	524	519	515	505
1936	602	629	671	681	734	842	879	878	830	724	675
1937	447	468	450	430	431	411	445	468	436	417	420
1938	582	901	572	586	855	821	819	809	837	831	835
1939	433	435	437	436	447	456	462	470	477	476	482
1940	408	423	439	469	796	651	674	625	642	648	603

SEPTEMBER

9	10	11	12	13	14	15	16	17	18	19	20	21
890	950	1070	1070	1070	1070	1140	1140	1070	1010	950	1010	950
890	890	950	950	890	950	950	950	890	890	830	890	890
990	1120	1120	1120	1250	1250	1120	1120	1120	990	990	990	1120
636	721	721	721	721	721	721	721	721	636	550	550	550
1220	1220	1220	1100	1100	1100	1220	1280	1160	1100	1100	1100	1100
855	870	905	822	822	810	930	810	822	830	870	855	845
800	770	770	770	740	770	770	800	770	800	770	770	830
635	665	695	665	635	665	695	665	635	665	695	695	695
715	715	715	828	945	945	945	905	828	790	715	715	715
280	280	840	840	840	840	840	840	840	750	795	750	840
560	560	560	560	560	560	560	560	560	580	580	580	580
675	675	675	675	780	810	750	725	700	700	675	675	650
1070	1040	1070	1100	1070	1040	1040	1000	1000	965	1000	965	930
930	870	900	930	900	870	840	930	990	1260	1120	1020	990
1010	940	970	970	1000	910	870	840	840	840	840	840	780
810	810	780	780	780	810	965	1100	1380	1230	1230	1100	1040
1070	1020	993	993	969	969	947	947	969	969	969	993	993
1160	1100	1040	1160	1160	1160	1100	1100	1100	1160	1160	1100	1040
956	1160	1020	956	892	892	830	830	830	892	892	886	880
718	718	718	718	836	836	1030	1170	1100	1100	1100	1030	1100
624	627	632	609	679	632	656	665	648	630	651	607	607
929	1025	1006	988	957	925	917	905	880	855	843	843	856
698	683	694	701	705	765	772	736	715	699	679	667	647
655	878	1037	1044	856	912	900	1008	927	948	936	1527	817
542	546	523	495	470	464	491	523	591	736	797	739	712
544	555	565	588	528	570	620	725	708	673	749	638	630
726	680	623	632	748	867	947	767	717	751	859	883	1037
807	801	797	793	767	756	735	715	715	715	745	785	756
716	685	679	628	753	645	701	697	652	598	640	638	645
385	394	395	380	386	392	398	388	388	387	402	434	455
950	903	805	796	916	769	832	856	835	770	731	768	877
469	463	456	449	451	460	461	460	526	521	493	505	598
785	817	830	971	1010	1045	1046	1015	1046	976	979	884	886
699	657	676	691	761	799	816	815	775	726	690	692	690
541	587	566	557	545	506	481	477	477	477	477	494	493
541	557	549	622	679	707	730	662	595	578	549	543	526
335	340	365	365	379	380	384	380	376	371	379	437	463
655	681	668	723	760	760	767	685	711	657	625	625	619
578	557	589	574	553	547	517	555	570	588	589	585	564
376	383	377	399	405	398	436	444	467	377	378	376	374
519	515	505	496	485	484	476	485	495	503	497	493	500
878	830	675	658	638	626	628	622	648	644	647	645	654
436	417	420	391	402	402	410	405	420	428	417	425	431
837	831	835	807	796	759	791	765	754	767	723	726	706
477	476	482	476	511	647	627	597	626	620	582	550	584
642	648	603	576	562	784	696	694	659	647	680	820	851

SEPTEMBER

15	16	17	18	19	20	21	22	23	24	25	26	27
1140	1140	1070	1010	950	1010	950	950	950	950	1010	1010	950
950	950	890	890	830	890	890	830	890	1010	1070	1040	1010
1120	1120	1120	990	990	990	1120	1120	1120	1120	1120	860	860
721	721	721	636	550	550	550	550	721	636	721	636	636
1220	1220	1160	1100	1100	1100	1100	1050	1050	1050	1050	986	986
930	810	822	830	870	855	845	830	845	830	855	870	888
770	800	770	800	770	770	830	860	920	990	990	976	976
695	665	635	665	695	695	695	695	695	695	695	695	695
945	905	828	790	715	715	715	752	730	715	715	715	715
840	840	840	750	795	750	840	750	840	840	840	840	930
560	560	560	580	580	580	580	580	580	580	600	600	625
750	725	700	700	675	675	650	625	625	625	625	625	625
1040	1000	1000	965	1000	965	930	965	930	930	900	900	810
840	930	990	1260	1120	1020	990	960	930	930	930	960	990
870	840	840	840	840	840	780	790	850	850	880	850	850
965	1100	1380	1230	1230	1100	1040	990	940	940	965	965	965
947	947	969	969	969	993	993	993	993	993	993	993	993
1100	1100	1100	1160	1160	1100	1040	1040	1040	1040	1040	1040	1040
830	830	830	892	892	886	880	873	1000	867	867	918	855
1030	1170	1100	1100	1100	1030	1100	1030	963	963	963	898	898
656	665	648	630	631	607	607	597	594	596	592	600	839
917	905	880	855	843	843	856	831	821	814	814	814	820
772	736	715	699	679	667	647	655	720	951	829	773	739
900	1008	927	948	936	1527	817	791	822	834	834	911	889
491	523	591	736	797	739	712	506	624	616	619	614	609
620	725	708	673	749	638	630	630	648	733	301	851	841
947	767	717	751	859	883	1037	1109	1031	901	933	942	834
735	715	715	715	745	785	756	756	756	783	762	762	849
701	697	652	598	640	638	645	638	652	670	581	691	875
399	388	388	387	402	434	455	568	459	454	463	531	521
832	856	833	770	731	768	877	874	747	823	771	823	744
461	460	526	521	483	503	598	499	499	499	509	502	521
1046	1015	1046	976	979	884	886	866	869	825	877	962	946
816	815	775	726	690	692	690	681	689	684	684	684	684
481	477	477	477	477	494	493	513	518	535	570	562	652
730	662	595	578	549	543	526	512	521	563	617	640	643
584	380	376	371	379	437	463	442	430	502	574	535	503
767	685	711	657	625	625	619	648	647	645	651	640	634
517	555	570	538	589	585	564	551	546	557	577	611	667
436	444	467	377	378	376	374	378	384	445	462	469	484
476	485	495	503	497	493	500	500	490	490	507	507	507
628	622	648	644	647	645	654	662	713	720	721	649	610
410	405	420	428	417	425	431	443	443	444	450	452	452
791	765	754	767	723	726	706	711	707	715	684	686	687
627	597	626	620	582	550	584	579	550	550	530	519	509
696	694	659	647	680	820	851	725	749	713	648	656	579

Chart 2H

21	22	23	24	25	26	27	28	29	30	31	TOTAL
950	950	950	950	1010	1010	950	950	950	950		
890	830	890	1010	1070	1040	1010	1010	950	890		
1120	1120	1120	1120	1120	860	860	860	860	860		
550	550	721	636	721	636	636	636	721	721		
1100	1050	1050	1050	1050	986	986	986	986	986		
845	830	845	830	855	870	888	880	870	880		
830	960	920	990	990	976	976	890	990	860		
695	695	695	695	695	695	695	695	695	728		
715	752	730	715	715	715	715	828	828	828		
840	750	840	840	840	840	930	930	930	930		
580	580	580	580	600	600	625	625	650	650		
650	625	625	625	625	625	625	625	625	625		
930	965	930	930	900	900	810	870	870	870		
990	960	930	930	930	960	990	930	930	900		
780	790	850	850	880	850	850	920	1070	2230		
1040	990	940	940	965	965	965	965	965	965		
993	993	993	993	993	993	993	993	993	1020		
1040	1040	1040	1040	1040	1040	1040	1040	1040	990		
880	873	1000	867	861	918	855	849	842	836		
1100	1030	963	963	963	898	898	898	898	898		
607	597	594	596	592	600	839	772	708	689		
856	831	821	814	814	814	820	808	809	819		
647	655	720	951	829	773	739	719	690	744		
817	791	822	834	834	911	889	841	825	835		
712	506	624	616	619	614	609	599	592	586		
630	630	648	733	801	851	841	824	815	824		
1037	1108	1037	901	933	942	834	855	885	856		
756	756	756	793	762	762	849	752	769	790		
645	638	652	670	581	691	875	925	843	735		
455	562	458	454	463	551	521	517	508	495		
877	874	747	823	771	833	744	811	766	662		
598	499	499	499	509	502	521	521	510	520		
386	366	369	335	377	362	346	1011	1024	1296		
690	681	689	684	684	684	684	684	684	684		
499	513	518	535	570	562	652	602	629	630		16,244
526	512	521	563	617	640	643	627	626	627		17,360
463	442	430	502	524	535	508	488	470	460		12,023
619	642	647	645	651	640	634	660	644	630		20,873
564	551	546	597	577	611	667	698	694	666		17,778
374	378	384	445	462	469	484	493	500	490		12,483
500	500	490	490	507	507	507	495	510	510		15,026
654	662	713	720	721	649	610	615	606	617		20,468
431	443	443	444	450	452	452	447	445	449		12,979
706	711	707	715	684	686	687	687	710	733		23,262
584	579	550	550	530	529	509	481	444	421		15,404
851	725	749	713	648	656	579	616	669	791		19,493

Chart 2H

21	22	23	24	25	26	27	28	29	30	31	TOTAL
950	950	950	950	1010	1010	950	950	950	950		
890	830	890	1010	1070	1040	1010	1010	950	890		
1120	1120	1120	1120	1120	860	860	860	860	860		
550	550	721	636	721	636	636	636	721	721		
1100	1050	1050	1050	1050	986	986	986	986	986		
845	850	845	830	855	870	888	880	870	880		
830	960	920	990	990	976	976	890	890	860		
695	695	695	695	695	695	695	695	695	728		
715	752	730	715	715	715	715	828	828	828		
840	750	840	840	840	840	930	930	930	930		
580	580	580	580	600	600	625	625	650	650		
650	625	625	625	625	625	625	625	625	625		
930	965	950	930	900	900	810	810	870	870		
990	960	930	930	930	960	990	930	930	900		
780	790	850	850	880	850	850	920	1070	1230		
1040	990	940	940	965	965	965	965	965	965		
993	993	993	993	993	993	993	993	993	1020		
1040	1040	1040	1040	1040	1040	1040	1040	1040	990		
880	873	1000	867	867	918	855	849	842	836		
1100	1030	963	963	963	898	898	898	898	898		
607	597	594	596	592	600	839	772	708	689		
856	831	821	814	814	814	820	808	809	819		
647	655	720	951	829	773	739	719	690	744		
817	791	822	834	834	911	889	841	825	835		
712	506	624	616	619	614	609	599	592	586		
630	630	648	733	801	851	841	824	815	824		
1037	1108	1051	901	933	942	934	855	885	856		
756	756	756	783	762	762	949	752	769	790		
645	638	652	670	581	691	875	925	843	735		
455	569	458	454	463	551	521	517	508	495		
877	874	747	823	771	833	744	811	766	662		
598	499	499	499	509	502	521	521	510	520		
386	366	369	395	377	362	346	1011	1024	1296		
690	681	689	684	684	684	684	684	684	684		
499	513	518	535	570	562	652	602	629	630		16,244
526	512	521	563	617	640	643	627	626	627		17,360
463	442	430	502	574	535	508	488	470	460		12,023
619	648	647	645	651	640	634	660	644	630		20,873
564	551	546	597	577	611	667	698	694	666		17,778
374	378	384	445	462	469	484	493	500	490		12,483
500	500	490	490	507	507	507	495	510	510		15,026
654	662	713	720	721	649	610	615	606	617		20,468
431	443	443	444	450	452	452	447	445	449		12,979
706	711	707	715	684	686	687	687	710	733		23,262
584	579	550	550	530	529	509	481	444	421		15,404
851	725	749	713	648	656	579	616	669	791		19,493

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

OCTOBER

9	10	11	12	13	14	15	16	17	18	19	20	21
950	950	950	950	950	950	890	890	890	890	950	950	890
830	830	890	830	830	830	890	830	830	890	890	830	830
925	990	1060	1120	1120	1060	1060	1060	990	990	1060	925	990
721	892	978	892	892	978	892	892	892	892	892	892	892
1050	1050	1050	1100	1100	1160	1160	1160	1220	1460	1880	2060	2390
930	930	930	930	920	920	905	905	880	905	1020	1020	1360
990	890	890	890	890	890	890	878	860	860	860	860	860
695	695	695	695	695	695	695	695	695	695	695	695	695
1110	1020	1020	1110	1070	1070	1020	945	945	865	865	865	865
975	1020	1020	1020	975	930	930	1120	1120	1120	1160	1020	1020
650	675	675	675	675	700	700	730	760	730	700	675	700
650	625	625	650	700	675	625	675	700	725	700	700	700
930	965	900	870	965	1110	965	965	930	930	930	930	930
840	840	840	840	870	900	2580	2030	1470	1330	1220	1260	1400
1080	1030	1000	1000	970	930	930	950	950	950	990	1100	1070
1020	1020	990	990	990	990	990	990	1020	1130	1040	1020	1020
1010	1060	1265	1170	1170	1170	1170	1110	1095	1060	1060	1060	1035
1130	1100	1070	1070	1070	1040	1040	1040	1040	1040	1040	1040	1040
1300	1150	1080	1080	1150	1220	1080	1020	1080	1020	1020	1020	1080
1030	1030	1100	1030	1030	1030	961	961	961	1170	1410	1330	1410
664	672	682	666	695	702	708	700	691	696	687	679	683
1003	984	1022	1038	987	964	941	933	934	941	940	919	926
698	698	692	687	690	690	726	775	764	772	714	779	791
1312	1178	1095	1049	1024	980	968	1009	1127	1245	1186	1102	1088
815	841	774	763	719	749	723	750	784	813	768	727	742
886	903	1048	1180	1288	1203	1230	1215	1190	1079	1037	1088	1038
878	975	1002	908	835	786	728	645	750	1022	934	972	921
785	764	757	778	835	880	831	803	794	773	794	796	796
1199	1087	1001	945	912	827	804	861	973	1019	1010	943	973
541	538	610	621	596	584	590	586	549	596	565	603	563
998	927	808	1069	1220	1147	1030	1179	1076	928	990	943	861
528	538	528	556	540	523	560	571	569	591	524	562	592
1150	1014	1100	1048	941	927	1071	923	925	953	874	1077	708
814	808	811	811	860	850	840	846	840	819	771	800	674
630	598	600	598	697	688	798	669	662	720	663	670	645
1655	1374	1028	1058	826	877	806	785	748	654	693	638	688
417	451	465	456	444	446	437	456	506	501	478	488	518
749	752	741	734	715	708	714	686	695	907	892	698	879
592	910	953	787	729	599	761	833	592	591	587	597	609
536	537	556	515	451	378	539	550	556	554	560	566	575
496	517	516	532	535	541	534	474	521	517	581	554	556
605	627	573	556	746	641	585	654	631	630	638	656	618
485	524	516	509	494	491	491	520	885	1130	924	730	680
946	899	952	865	979	924	906	1155	1261	1207	1142	1082	1067
769	697	658	661	663	618	602	628	622	614	602	619	656
827	830	738	791	764	720	783	667	728	730	682	710	757

OCTOBER

15	16	17	18	19	20	21	22	23	24	25	26	27
890	890	890	890	950	950	890	890	890	950	950	950	890
890	830	830	890	890	830	830	890	890	890	830	830	950
1060	1060	990	990	1060	925	990	990	990	1120	1250	1250	1120
892	892	892	892	892	892	892	892	978	978	892	892	978
1160	1160	1220	1460	1880	2060	2390	2060	1940	1820	1580	1460	1460
905	905	880	905	1020	1020	1360	1190	1410	1230	1120	1120	1120
890	878	860	860	860	860	860	878	860	860	860	860	860
695	695	695	695	695	695	695	728	760	830	900	900	865
1020	945	945	865	865	865	865	865	865	865	842	790	790
930	1120	1120	1120	1160	1020	1020	948	930	930	930	930	975
700	730	760	730	700	675	700	730	730	760	790	760	730
625	675	700	725	700	700	700	700	700	700	700	700	700
965	965	930	930	930	930	930	930	930	930	900	900	900
2580	2030	1470	1330	1220	1260	1400	990	1120	1080	1080	1080	1080
930	950	950	950	990	1100	1070	1030	990	990	990	990	950
990	990	1020	1130	1040	1020	1020	990	990	990	965	965	965
1170	1110	1095	1060	1060	1060	1035	1035	1035	1035	1060	1060	1060
1040	1040	1040	1040	1040	1040	1040	990	1070	1100	1040	1040	1100
1080	1020	1080	1020	1020	1020	1080	1080	1020	1020	1020	1020	1020
961	961	961	1170	1410	1330	1410	1410	1330	1230	1230	1190	1190
708	700	691	696	687	679	683	680	668	681	690	707	708
941	933	934	941	940	919	926	922	902	898	934	936	936
726	775	764	772	714	779	791	760	778	774	789	800	805
968	1009	1127	1245	1186	1102	1088	1153	1015	984	985	969	969
723	750	784	813	768	727	742	727	725	718	750	717	717
1230	1215	1190	1079	1037	1088	1038	1035	990	980	956	925	925
728	645	750	1022	934	972	921	908	912	821	904	869	869
831	803	794	773	794	796	796	800	1155	1017	984	1063	1063
804	861	973	1019	1010	943	973	973	1402	1287	1064	1033	1033
590	586	549	596	565	603	563	557	561	540	550	538	538
1030	1179	1076	928	990	943	861	919	835	838	827	900	900
560	571	569	591	524	562	592	570	571	523	587	570	570
1071	923	925	953	874	1077	708	864	1036	1104	1009	1098	138
840	846	840	819	771	800	674	943	800	779	713	760	760
798	669	662	720	663	670	645	644	631	631	631	631	631
806	785	748	654	693	638	688	734	917	771	803	842	842
437	456	506	501	478	488	518	508	573	639	639	637	637
714	686	695	907	892	698	879	627	705	1101	761	682	682
761	833	592	591	587	597	609	595	610	616	598	591	591
539	550	556	554	580	566	575	619	717	760	1020	997	877
534	474	521	577	581	554	556	481	636	574	585	671	671
585	654	631	630	638	656	618	728	640	633	716	696	702
491	520	885	1130	924	730	680	634	624	612	602	521	570
906	1155	1261	1207	1142	1082	1067	996	956	910	932	852	877
602	628	622	614	602	619	656	627	629	699	639	632	631
783	667	728	730	682	710	757	695	685	795	884	1025	973

Chart 21

	22	23	24	25	26	27	28	29	30	31	TOTAL
80	890	890	950	950	950	890	890	890	890	920	
80	890	890	890	830	830	950	950	950	830	1010	
80	990	990	1120	1250	1250	1120	1060	1060	1060	1060	
82	892	978	978	892	892	978	978	978	978	978	
80	2060	1940	1820	1580	1460	1460	1460	1460	1460	1340	
80	1190	1410	1230	1120	1120	1120	1070	1080	1050	1050	
80	878	860	860	860	860	860	955	990	920	920	
85	728	760	830	900	900	865	830	795	760	760	
85	865	865	865	842	790	790	828	842	842	828	
20	948	930	930	930	930	975	930	930	930	930	
80	730	730	760	790	760	730	730	730	730	730	
80	700	700	700	700	700	700	725	725	725	725	
80	930	930	930	900	900	900	965	965	965	1040	
80	990	1120	1080	1080	1080	1080	1080	1080	1080	1080	
70	1030	990	990	990	990	950	990	1030	990	1110	
20	990	990	990	965	965	965	940	940	940	940	
835	1035	1035	1035	1060	1060	1060	1035	1010	990	1010	
840	990	1070	1100	1040	1040	1100	1300	1265	1195	1100	
880	1080	1020	1020	1020	1020	1020	1020	950	950	950	
810	1410	1330	1230	1230	1190	1190	1190	1100	1100	1170	
883	680	668	681	690	707	708	695	693	700	653	
826	922	902	898	934	936	936	939	922	921	920	
791	760	778	774	789	800	805	785	789	643	878	
888	1153	1015	984	985	969	930	1017	1098	1169	1151	
742	727	725	718	750	717	694	653	661	678	705	
838	1035	990	980	956	925	928	933	935	800	795	
821	908	912	821	904	869	958	1057	923	993	922	
796	800	1155	1017	984	1063	992	906	1058	719	793	
873	973	1402	1287	1064	1033	1005	968	977	908	925	
863	557	561	540	550	538	544	685	1314	1303	1141	
861	919	835	838	827	900	865	798	833	977	894	
882	570	571	523	587	570	565	664	691	610	612	
708	884	1036	1104	1009	1098	1381	1543	1445	1157	1386	
874	943	800	779	713	760	794	780	870	900	1012	24,926
845	644	631	631	631	631	635	637	689	648	650	19,678
888	734	917	771	803	842	815	729	821	746	781	27,256
818	508	573	639	639	637	654	602	556	596	591	15,712
879	627	705	1101	761	682	752	760	723	881	585	19,571
809	595	610	616	598	591	580	592	603	650	1186	20,638
875	619	717	760	1020	997	877	757	720	697	692	18,529
876	481	636	574	585	611	621	548	575	571	565	16,808
818	728	640	633	716	696	702	757	672	656	696	19,886
880	634	624	612	602	521	570	598	576	563	593	18,113
867	996	956	910	932	852	877	951	908	906	972	30,313
856	627	629	699	639	632	631	583	503	852	533	19,586
87	695	685	795	884	1025	973	944	941	889	993	26,584

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

* - Interpolated

NOVEMBER

9	10	11	12	13	14	15	16	17	18	19	20	21
950	950	950	950	950	950	1010	1010	1010	950	950	950	950
978	978	1060	721	721	721	990	721	892	1250	1060	1150	1060
1400	1340	978	1760	1820	1700	1580	1700	1640	1150	1580	1580	1460
1050	1020	1520	960	990	990	990	990	990	1050	1050	960	930
890	890	890	848	890	848	890	890	860	860	860	860	860
1000	1000	1040	1040	1000	970	900	830	900	970	970	900	865
	828										1110	
700	675	675	675	675	675	675	675	675	675	675	675	675
845	880	880	810	1060	2350	2620	5250	2110	1470	1200	1160	1240
900	900	870	840	870	900	900	870	900	930	840	870	965
990	990	990	1020	1020	960	930	755	870	990	990	1050	1120
1150	1230	1390	1230	1150	1190	1070	990	1070	1150	1570	3850	4190
1160	1160	1230	1730	1600	1230	1160	1100	1100	1160	1160	1130	1340
1230	1170	1060	930	970	1170	1300	1495	1300	1495	1230	1265	1265
1230	1265	1300	1230									
1530	1450	1530	1730	1530	1370	1300	1300	1300	1220	1220	1220	1220
1030	961	961	961	1030	1030	961	780	830	898	731	839	839
712	701	684	725	721	731	769	919	771	781	797	818	869
883	905	854	735	622	824	1037	1057	1052	1052	1129	969	869
792	780	786	774	822	822	792	804	807	1103	915	671	675
980	967	964	932	925	941	950	1005	1030	1037	994	960	977
1054	964	931	906	888	821	783	806	889	969	985	1007	1002
921	895	824	787	806	868	914	898	1063	1444	1837	2402	2470
920	898	803	874	795	871	877	833	777	723	786	910	1619
1000	914	962	944	823	876	598	776	807	1013	1070	1066	826
866	884	895	827	851	838	856	828	821	835	809	782	789
619	775	912	875	775	659	709	765	652	629	568	812	1458
826	829	1072	920	949	864	761	1838	931	897	852	775	755
709	595	695	907	1016	891	771	838	969	851	852	939	1970
1649	4067	4329	3186	2620	2243	1723	2211	2746	2905	2331	2228	2999
904	875	900	776	762	811	909	814	783	852	611	622	831
616	561	561	752	613	529	535	601	567	674	686	861	665
716	801	860	797	709	961	693	681	769	777	784	653	683
591	646	582	489	444	474	558	616	614	536	506	465	398
959	1148	949	778	853	897	822	794	908	937	1050	942	890
748	777	780	751	737	733	757	745	706	764	918	842	705
1062	872	847	781	717	775	680	673	693	778	954	988	897
665	696	607	618	725	604	602	654	657	750	755	683	659
575	620	546	664	637	605	688	587	736	742	642	639	611
639	664	659	655	661	729	818	777	754	851	613	1044	1681
1264	1276	1188	890	851	1318	1111	1031	1349	1343	1099	1097	1107
663	689	562	647	624	714	665	612	658	525	580	554	561
1206	1124	1056	952	930	633	780	963	924	1012	1083	930	850

NOVEMBER

16	17	18	19	20	21	22	23	24	25	26	27	28	29
010	1010	950	950	950	950	890	770	770	770	890	950	770	950
21	892	1250 1150	1060	1150	1060	1120 1060	892	892	1250 892	892	892	892	892
00	1640	1580	1580	1580	1460	1460	1460	1340	1340	1340	1340	1460	1820
90	990	1050	1050	960	930	960	990	1050	1050	1080	1120	990	930
90	860	860	860	860	860	920	990	1200	1050	990	1060	990	1020
30	900	970	970	900	865	830	865	900	935	970	1040	900	900
				1110			2130		1680				
575	675	675	675	675	675	700	700	700	700	700	700	700	675
250	2110	1470	1200	1160	1240	1240	1060	960	960	920	920	920	845
370	900	930	840	870	965	900	930	965	1040	1070	1040	930	930
755	870	990	990	1050	1120	1190	1080	1080	1020	930	870	755	650
990	1070	1150	1570	3850	4190	5400	15200	13000	9450	7370	5800	4700	4050
100	1100	1160	1160	1130	1340	1600	1830	1730	1640	1380	1100	1230	1300
495	1300	1495	1230	1265	1265	1230	1035	970	930	1230	1085	930	810
300	1300	1220	1220	1220	1220	1080	1080	1080	1150	1230	1300	1450	1300
780	830	898	731	839	839	839	961	1030	961	961	898	961	1030
919	771	781	797	818	869	859	867	886	830	790	788	683	767
057	1052	1052	1129	969	869	858	863	857	827	870	890	895	867
804	807	1103	915	671	675	742	884	856	860	962	780	785	887
005	1030	1037	994	960	977	956	909	802	740	652	698	677	750
806	889	969	985	1007	1002	990	928	882	841	818	711	548	528
898	1063	1444	1837	2402	2470	2246	1900	1627	1478	1384	1650	1568	1511
933	777	723	786	910	1619	5726	3063	2350	1690	1564	1601	1236	1514
776	807	1013	1070	1066	826	756	812	411	818	620	659	717	681
828	821	835	809	782	759	893	821	890	1177	1130	968	801	762
765	652	629	568	812	1458	1391	1485	1229	1082	913	841	684	719
1838	931	897	852	775	755	757	823	805	971	939	1028	922	1016
838	969	851	852	939	1970	1570	1370	1686	2075	2453	1941	1691	1692
2211	2746	2905	2531	2228	2999	3208	2745	2307	2235	2821	3364	3341	3448
814	783	852	611	622	831	889	881	838	874	831	880	831	796
601	567	674	686	661	665*	665*	665*	665*	665*	672	810	700	698
681	769	777	784	653	683	742	697	790	876	828	729	860	742
616	614	536	506	465	398	357	310	268	344	643	725	675	538
794	908	937	1050	942	890	870	837	687	789	699	826	808	834
745	706	764	918	842	705	794	645	764	754	751	760	624	912
673	693	778	954	988	897	874	829	839	875	795	812	817	761
654	657	750	755	683	659	642	658	712	710	638	663	666	552
587	736	742	642	639	611	600	604	555	594	590	473	414	414
777	754	851	613	1044	1681	1649	1216	1007	1038	1067	972	961	882
1031	1349	1343	1099	1097	1107	847	751	825	881	877	908	903	927
612	658	525	580	554	561	615	546	670	649	655	703	630	705
963	924	1012	1083	930	850	958	704	664	852	855	863	806	1000

Chart 2J

	22	23	24	25	26	27	28	29	30	31	TOTAL
0	890	770	770	770	890	950	770	950	1010		
60	1120			1250				990			
60	1060	892	892	892	892	892	892	892	978		
60	1460	1460	1340	1340	1340	1340	1460	1820	2060		
60	960	990	1050	1050	1080	1120	990	930	990		
60	920	990	1200	1050	990	1060	990	1020	1120		
65	830	865	900	935	970	1040	900	900	935		
		2130		1680							
75	700	700	700	700	700	700	700	675	675		
40	1240	1060	960	960	920	920	920	845	810		
65	900	930	965	1040	1070	1040	930	930	965		
20	1190	1080	1080	1020	930	870	755	650	960		
90	5400	15200	13000	9450	7370	5800	4700	4050	3850		
40	1600	1830	1730	1640	1380	1100	1230	1300	1300		
65	1230	1035	970	930	1230	1085	930	810	890		
220	1080	1080	1080	1150	1230	1300	1450	1300	1220		
839	839	961	1030	961	961	898	961	1030	961		
869	859	867	886	830	790	788	683	767	957		
869	858	863	857	827	870	890	895	867	849		
875	742	884	856	860	962	780	785	887	675		
977	956	909	802	740	652	698	677	750	775		
002	990	928	882	841	818	711	548	528	564		
470	2246	1900	1627	1478	1384	1650	1568	1511	1385		
619	5726	3063	2350	1690	1564	1601	1236	1514	1494		
826	756	812	411	818	620	659	717	681	745		
759	893	821	890	1177	1130	968	801	762	992		
458	1391	1485	1229	1082	913	841	684	719	711		
755	757	823	805	971	939	1028	922	1016	915		
970	1570	1370	1686	2075	2453	1941	1691	1692	2697		
999	3208	2745	2307	2235	2821	3364	3341	3448	3900		
831	889	881	838	874	831	880	831	796	572	25,202	
665*	665*	665*	665*	665*	672	810	700	698	688	19,248	
683	742	697	790	876	828	729	860	742	708	22,709	
398	357	310	268	344	643	725	675	538	586	15,612	
890	870	837	687	789	699	826	808	834	888	28,239	
705	794	645	764	754	751	760	624	912	806	23,842	
897	874	829	839	875	795	812	817	761	776	24,722	
659	642	658	112	710	638	663	666	552	387	19,124	
611	600	604	555	594	590	473	414	414	420	18,300	
1481	1649	1216	1007	1038	1067	972	961	882	816	24,914	
1107	847	751	825	881	877	908	903	927	1113	33,697	
561	615	546	670	649	655	703	630	705	658	19,499	
850	958	704	664	852	855	863	806	1000	1326	29,882	

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	950	950	770	720	720	950	950	950	950	890	1010	1010
1896												
1897												
1898	1060	1060	1060	1060	1580	1920	2260	2770	2600	2600	2600	2600
1899	2060	1700	1520	1280	1220	1220	1340	1340	1460	1580	1580	1580
1900	1050	1050	990	1050	1060	1050	1050	1060	1050	990	990	990
1901	1130	2180	2070	2070	1870	1600	1350	1240	1310	1200	1130	1130
1902	970	970	1040	1080	970	970	970	970	1040	1270	1290	1290
1903			1200		1110			1020				
1904												
1905	675	675	675	650	560	560	520	480	480	450	450	450
1906												
1907	930	840	810	870	930	965	1000	1100	965	900	1000	1000
1908	990	930	990	1050	990	930	930	990	990	960	900	900
1909	3460	3200	2660	2540	2490	2370	2370	2370	2840	2480	2100	2100
1910	1300	1300	1340	2140	1680	1460	1380	1340	1460	1380	1380	1380
1911	1060	1035	990	1085	1110	1170	1140	1085	1110	1200	1085	1085
1912												
1913	1150	950	950	950	950	950	950	886	824	824	1020	1020
1914	898	783	898	1100	1030	961	783	731	683	638	783	783
1915	859	812	947	1000	1103	985	949	918	892	843	790	790
1916	747	982	1088	1185	1117	1034	901	698	493	859	949	949
1917	2121	1942	1323	915	885	972	1042	827	985	1022	917	917
1918	829	842	896	927	955	1092	1090	1084	926	901	807	807
1919	829	989	1058	918	836	852	836	786	733	628	673	673
1920	1236	1260	1249	1211	1168	1011	951	817	872	1019	1222	1222
1921	3353	3890	2723	1816	1582	1435	1470	1310	1218	1350	1360	1360
1922	709	688	650	716	649	1000	662	821	784	612	670	670
1923	991	710	685	646	662	798	999	1103	819	615	486	486
1924	680	847	950	936	793	796	798	751	772	647	672	672
1925	967	1522	2346	1549	1348	1231	1128	1042	937	926	888	888
1926	3325	2469	2521	2703	2522	2191	2020	1506	1174	1240	1088	1088
1927	2467	2453	2444	2461	1923	2290	1746	1702	1347	1789	1804	1804
1928	540	736	444	672	404	619	634	685	813	857	968	968
1929	686	719	640	575	609	732	688	696	686	941	2221	2221
1930	678	749	842	976	938	911	836	685	604	575	752	752
1931	380	445	563	635	610	462	582	513	572	431	416	416
1932	729	763	841	828	819	632	562	613	426	366	290	290
1933	765	690	740	805	802	652	809	837	767	781	795	795
1934	814	823	778	850	869	814	793	608	726	668	602	602
1935	444	399	403	424	573	679	729	656	812	725	657	657
1936	581	578	614	581	518	513	779	818	801	654	530	530
1937	630	675	643	684	679	641	692	404	734	596	2998	2998
1938	1175	1202	1238	1280	1113	1188	1097	1113	1283	1248	1043	1043
1939	534	617	592	592	586	575	715	644	640	934	1197	1197
1940	1136	1045	1008	900	953	949	945	980	871	877	706	706

DECEMBER

8	9	10	11	12	13	14	15	16	17	18	19	20
950	950	890	1010	1010	1010	770	830	670	620	620	620	620
2770	2600	2600	2600	2600	2600	2430	2430	2770	2770	2770	2770	2770
1340	1460	1580	1580	1460	1460	1460	1340	1340	1580	1580	1820	1820
1050	1050	990	990	930	930	990	1050	1650	1120	1050	1050	1050
1240	1310	1200	1130	1060	920	830	1060	955	990	1020	1020	920
970	1040	1270	1290	1190	1000	830	695	695	695	747	1040	1080
1020				865				850			945	
480	480	450	450	480	520	600	675	940	940	940	880	820
1100	965	900	1000	1000	1040	1000	900					
990	990	960	900	920	1020	810	650					
2370	2840	2480	2100	2150	2200	2050	1850	1800	1660	1660	1700	1480
1340	1460	1380	1380	1460	1160	990	990	1020	1160	1100	1100	1070
1085	1110	1100	1085	1060	1085	970	990	1085	1085	950	870	910
886	824	824	1020	1080	1080	1220	1080	950	824	1020	1080	886
731	683	638	783	961	731	638	559	559	559			
918	892	843	790	784	757	884	765	574	641	854	704	739
698	493	859	949	976	1089	976	760	658	763	878	1162	885
827	985	1022	917	909	1179	1640	1553	1192	1191	1529	1633	1737
1084	926	901	807	723	774	838	947	895	787	717	617	664
786	733	628	673	752	829	966	601	539	588	638	757	903
817	672	1019	1222	1225	1170	1019	905	745	802	894	1097	1134
1310	1218	1350	1360	1552	1372	1431	1350	1136	978	521	1184	1124
821	784	612	670	655	674	666	527	873	706	655	1010	1118
1103	819	615	486	524	702	812	1089	1009	968	848	911	972
751	772	647	672	754	835	837	833	727	776	639	458	434
1042	937	926	888	999	1017	915	914	915	1016	940	1031	906
1506	1174	1240	1088	1471	1312	1044	591	755	1171	1291	1296	989
1702	1347	1789	1804	1534	1660	1634	1619	1253	1635	1385	1164	971
685	813	857	968	974	849	913	839	843	791	591	647	586
696	686	941	2221	1670	1818	2649	1613	1827	2297	1692	1250	1271
685	604	575	752	920	893	888	725	671	819	701	715	730
513	572	431	416	532	479	398	377	434	620	620	620	621
613	426	366	290	300	304	306	373	416	650	461	1046	832
837	767	781	795	821	902	994	959	872	836	402	701	886
608	726	668	602	586	688	910	1112	800	788	799	804	862
656	811	725	657	833	808	739	611	388	339	350	361	359
818	801	654	530	534	659	553	701	851	822	785	720	742
404	734	596	2998	10641	7374	4097	2945	2697	2301	1926	1760	1389
1113	1283	1248	1043	903	468	589	791	1146	1053	790	984	1010
644	640	934	1197	1096	876	820	699	836	1135	1420	1131	945
980	871	877	706	476	391	299	405	343	604	794	1148	1122

DECEMBER

15	16	17	18	19	20	21	22	23	24	25	26	27	28
830	670	620	620	620	620	620	670	670	770	830	950	950	7
430	2770	2770	2770	2770	2770	2770	2600	2600	2600	2600	2940	3290	3290
340	1340	1580	1580	1820	1820	1580	1580	1580	1820	1580	1580	1580	1820
050	1050	1120	1050	1050	1050	1460	1360	1120	1050	1120	1050	1050	92
060	955	990	1020	1020	920	890	1080	1200	1430	1350	1200	1130	1130
695	695	695	747	1040	1080	1100	1120	1190	1190	1270	1230	1270	1120
	850			945			945			752			730
675	940	940	940	880	820	790	560	520	520	580	625	625	760
900							1180	1180	1180	1240	1180	1360	1180
650								1050	1080	930	930	1050	1120
1850	1800	1660	1660	1700	1480	1390	1570	1700	1660	1660	1750	1570	1390
990	1020	1160	1100	1100	1070	1100	1160	1160	1300	1100	990	990	1040
990	1085	1085	950	870	910	930	850	1010	1010	930	950	930	1035
1080	950	824	1020	1080	886	824	824	1080	950	1080	1150	1020	1020
559	559	559				600					650		
765	574	641	854	704	739	946	1102	1157	1079	955	825	728	837
760	658	763	878	1162	885	992	989	897	883	873	679	663	669
1553	1192	1191	1529	1633	1737	1627	2038	1737	2965	2871	2416	3536	5050
947	895	787	717	617	664	712	745	757	670	660	628	640	637
601	539	588	638	757	903	986	1126	1160	1199	1016	955	927	998
905	745	802	894	1097	1134	1117	1042	950	909	890	936	956	982
1350	1136	978	521	1184	1124	1295	1175	1163	1220	1106	1109	1194	1191
527	873	706	655	1010	1118	974	954	790	804	1052	1085	1172	1246
1089	1009	968	848	911	972	963	799	635	608	902	979	879	947
833	727	775	639	458	434	420	422	425	421	539	515	507	663
914	915	1016	940	1031	906	916	904	923	1016	1026	882	859	765
591	755	1171	1291	1296	989	1051	815	794	906	869	844	840	928
1619	1253	1635	1385	1164	971	1087	950	1548	1345	1255	1147	1144	1173
839	843	791	591	647	586	599	615	606	705	645	995	837	964
1613	1827	2297	1692	1250	1271	1838	1047	1076	1012	971	917	843	732
725	671	819	701	715	730	570	493	505	552	533	509	760	666
377	434	620	620	620	621	762	745	718	718	694	726	751	837
373	416	650	461	1046	832	851	496	750	690	1081	929	761	822
959	872	836	402	701	886	976	972	943	996	998	1106	1241	1215
1112	800	788	799	804	862	989	1017	1008	928	946	897	926	905
611	388	339	350	361	339	550	578	480	570	578	731	738	905
701	851	822	785	720	742	756	710	755	663	723	728	698	667
2945	2697	2301	1926	1760	1389	1226	1161	1291	1288	1171	1319	1328	1174
791	1146	1053	790	984	1010	932	928	752	1038	948	866	764	885
699	836	1135	1420	1131	945	891	833	770	715	685	552	552	659
405	343	604	794	1148	1122	1004	1168	1185	1248	1127	1173	1073	1280

Chart 2K

22	23	24	25	26	27	28	29	30	31	TOTAL
670	670	770	830	950	950	770	815	860	905	
2600	2600	2600	2600	2940	3290	3290	2940	2940	2770	
1580	1580	1820	1580	1580	1580	1820	1820	1580	1820	
1360	1120	1050	1120	1050	1050	930	880	930	990	
1080	1200	1430	1350	1200	1130	1130	955	890	1020	
1120	1190	1190	1270	1230	1270	1120	1040	605	1000	
945			752			790			790	
560	520	520	580	625	625	760	820	760	675	
1180	1180	1180	1240	1180	1360	1180	1140	1000	1100	
	1050	1080	930	930	1050	1120	990	930	755	
1570	1700	1660	1660	1750	1570	1390	1310	1390	1570	
1160	1160	1300	1100	990	990	1040	1100	1200	1160	
850	1010	1010	930	950	930	1035	1060	1035	1035	
824	1080	950	1080	1150	1020	1020	950	1020	1150	
1102	1157	1079	955	650			826			
				825	728	837	849	676	719	
989	897	883	873	679	663	669	679	671	656	
2038	1737	2965	2871	2416	3536	5050	6972	5420	4150	
745	757	670	660	628	640	637	617	588	595	
1126	1160	1199	1016	955	927	998	872	815	741	
1042	950	909	890	936	956	982	1074	1359	2331	
1175	1163	1220	1106	1109	1194	1191	1127	1177	1067	
954	790	804	1052	1085	1172	1246	1361	1017	1136	
799	635	608	902	979	879	947	898	1008	776	
422	425	421	539	515	507	663	753	975	882	
904	923	1016	1026	882	859	765	682	639	607	
815	794	906	869	844	840	928	838	911	920	
950	1548	1345	1255	1147	1144	1173	1490	1373	1120	
615	606	706	645	995	837	964	1043	889	792	23,106
1047	1076	1012	971	917	843	732	729	625	704	34,774
493	505	552	533	509	760	666	634	613	613	22,054
745	718	718	694	726	751	837	750	620	557	18,188
496	750	690	1081	929	761	822	780	825	756	20,298
972	943	996	998	1106	1241	1215	1121	1110	1322	27,826
1017	1008	928	946	897	926	965	813	750	671	25,604
574	490	370	578	737	798	865	863	886	643	18,676
710	755	663	723	728	698	667	478	670	596	20,778
1161	1291	1288	1171	1319	1328	1174	1172	1097	1187	57,880
928	752	1038	948	866	764	885	985	985	693	30,490
833	770	715	685	552	552	659	697	778	918	24,634
1168	1185	1248	1127	1173	1073	1280	1068	968	1071	28,317

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

Chart 3

	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	1157	1132	1559	3680	6829	8324	4350	1243	773	793	906	1195
2	1117	1129	1592	3831	6856	8290	4238	1197	777	809	906	1210
3	1121	1141	1664	3983	6963	8336	4084	1166	766	808	983	1169
4	1115	1155	1660	4096	7227	8211	3910	1146	751	821	906	1153
5	1099	1253	1726	4139	7421	8077	3736	1110	747	831	898	1094
6	1086	1255	1800	4198	7675	8026	3526	1075	746	831	938	1093
7	1109	1231	1828	4248	7927	8145	3400	1059	734	852	950	1063
8	1069	1355	1960	4462	8211	8220	3294	1044	727	880	939	1027
9	1037	1323	2077	4573	8362	8254	5688	1011	729	882	952	976
10	1037	1265	1976	5132	8534	8234	2985	962	741	874	1006	1001
11	1018	1229	2004	5384	8274	7999	2820	956	760	873	1029	1038
12	1017	1188	2104	5662	8159	8031	2768	946	778	858	989	1047
13	986	1198	2135	6103	8105	8042	2613	923	772	867	956	1053
14	1029	1173	2147	6355	8190	8013	2506	910	774	860	974	1058
15	1118	1173	2236	6467	8342	7815	2379	903	783	895	948	976
16	1165	1249	2418	6640	8445	7783	2247	891	790	880	1072	947
17	1138	1292	2421	6666	8441	7602	2110	879	783	867	984	1004
18	1134	1284	2826	6626	8551	7364	2005	852	773	887	1029	964
19	1182	1288	2890	6580	8351	7179	1917	849	766	893	1007	1032
20	1211	111	3094	6061	8177	6919	1812	841	771	889	1074	1004
21	1248	1353	3138	6103	8058	6631	1734	819	762	902	1165	1038
22	1205	1411	3205	6277	8078	6320	1647	813	750	883	1302	1015
23	2511	1400	3263	6382	8085	6013	1621	807	758	916	1485	1029
24	1155	1444	3227	6585	8172	5756	1567	792	770	910	1356	1081
25	1236	1402	3313	6678	8232	5447	1573	773	778	895	1271	1074
26	1198	1386	3266	7074	8458	5264	1475	769	775	893	1214	1056
27	1164	1472	3280	7260	8304	5449	1421	759	782	896	1173	1111
28	1130	1509	3297	7252	8250	4938	1376	756	781	901	1086	1154
29	1120	1259	3545	7045	8147	4786	1325	753	783	918	1082	1186
30	1091		3634	7668	8189	4575	1308	764	784	893	1130	1114
31	1125		3636		8356		1257	757		914		1102
Total	36128	36060	78921	173210	249363	214041	78692	28525	22964	27071	31710	33064
Ac. ft.	72256	72120	157842	346420	498726	428086	157384	57050	45928	54142	63420	66128

Total in acre feet for average year, - 2019502

101AL / MONTHLY

FOR THE IRRIGATION

YEAR October November December January February

1894-95	54700(8)	34000	62700	78600	68280	103
1895-96	57040	54980	50980	73440	67660	157
1896-97	54220	61300(6)	64600	50520	55240	87
1897-98	63440	64100	61500(6)	74100	67200	119
1898-99	53262	56240	151640	160600	79640	113
1899-00	83664	90000	97000	125400	96440	305
1900-01	63570	61880	65060	79440	98340	179
1901-02	56464	55892	76400	61900	90440	889
1902-03	45630	54498	63474	81760	63570	143
1903-04	58554	67800(1)	57500	124000(1)	108000(1)	262
1904-05	58980	54000	54000(1)	50400(2)	56700(2)	1019
1905-06	42980	41010	40410	50810	57240	1011
1906-07	42350	73380	74000(4)	125400(3)	155000(3)	3461
1907-08	57890	55978	63300	67230	63282	1411
1908-09	68440	59280	58000	138160	110680	2328
1909-10	63140	208560	124760	79900	66600	56690
1910-11	63210	73780	76820	63010	76340	15951
1911-12	66570	66700	63520	78420	76120	9952
1912-13	66960	67820	60680	53800	51400	10180
1913-14	63524	80180	61380	71196	74968	21604
1914-15	69680	58368	44800	59580	59726	9478
1915-16	42410	45626	53346	49930	6362	19748
1916-17	59106	54016	53702	47628	47694	61740
1917-18	46044	49506	128592	113818	77154	18154
1918-19	64492	56578	49118	50532	52844	114916
1919-20	47968	56548	52610	66528	66774	89234
1920-21	59966	75678	67106	112422	94098	271472
1921-22	55492	39088	44979	66982	53180	113692
1922-23	52172	48886	52872	62100	50860	92700
1923-24	61592	52930	51286	48954	72446	63550
1924-25	39218	53862	42912	43416	129386	192378
1925-26	58400	51394	63522	48414	64264	140448
1926-27	54882	67640	84790	63200	104630	188084
1927-28	69014	144162	97842	90008	79354	272844
1928-29	49852	50792	46212	45514	49720	101904
1929-30	39356	36848	69543	44774	64388	103616
1930-31	54512	45418	44108	44818	45298	91246
1931-32	31424	31224	36376	38612	36756	155826
1932-33	39142	56478	40596	43926	41136	64474
1933-34	41276	47684	53652	79680	79948	151896
1934-35	37058	49444	51208	52256	54336	83150
1935-36	33616	38248	37352	44612	47356	100060
1936-37	39772	36600	41556	37568	41728	89870
1937-38	36266	49828	115760	67492	71566	191026
1938-39	60626	67394	60980	52236	47170	164294
1939-40	40474	38998	49268	53858	75724	201512
38 Year Average	55793	65472	66091	72204	73567	161455

AL MONTHLY FLOW OF BOISE RIVER IN ACRES FEET OR THE IRRIGATION YEARS BEGINNING 1894-95.

January	February	March	April	May	June	July	August	September
78600	68280	103180	243140	395220	225700	152380	63620	58000
73440	67660	157560	295040	505380	1464280	385520	81960	57500
50520	55240	87960	476000(5)	508000(6)	415000(5)	1433000	67230	62500
34100	67200	119280	251900	320280	299360	116848	45708	39160
160600	79640	113900	425740	608020	731400	336160	109940	68900
125420	96440	305220	380020	510720	300640	84156	53496	51190
79440	98320	179320	305940	626460	287420	116400	52222	49940
61300	90440	88920	211470	353460	287160	106720	49496	40910
81760	63570	143360	448220	520620	601880	147580	53000	46320
124000(1)	108000(1)	262140	671840	828600	521060	201920	71972	43830
50400(2)	56700(2)	101900	176200	229820	247660	78860	39870	34660
50810	57240	101100	337920	428100	346720	162900	52410	41090
125400(3)	155000(4)	346120	673380	683520	534560	335640	101600	62060
67230	63282	141130	382540	370360	324880	198500	64920	55520
138160	110680	232840	472120	605240	635220	226800	63690	57220
79900	66600	566900	609980	513560	310360	110040	55970	56390
63010	76340	159370	323960	549120	740860	233040	74906	59720
78420	76120	99580	342620	684180	677360	173980	83380	66080
53800	51400	101800	374960	573740	413420	158660	82964	54290
71196	74968	216040	469040	559660	307700	124130	58742	52654
59580	59726	94782	176564	274130	191900	83978	40926	39672
49930	63262	197486	555062	563720	594164	293818	80102	53680
47628	47694	61740	267082	634106	643322	260216	65204	43950
113818	77754	181542	346040	409954	461268	112120	56300	49922
50532	52844	114916	395854	509192	240872	69736	36404	34262
66528	66774	89234	189044	449730	333468	117528	40586	39034
112422	94098	271472	394484	824032	718728	175390	63068	48784
60982	53180	113692	319642	552674	659854	142066	65210	47974
62100	50860	92700	273726	424010	376208	192504	67552	47946
48954	72446	63550	136450	243200	76792	35296	24426	25320
48416	129386	192378	501862	700486	367370	152598	60730	47302
48414	64264	140448	232672	247704	105072	41132	30872	29480
63200	104630	188084	378928	665294	725602	233700	74786	55734
90008	79354	272846	316812	852194	505656	108292	51462	41304
45514	49720	101904	179094	359418	285896	98288	36822	32488
44774	64388	103616	274178	295246	257382	79234	43256	34720
44818	45298	91246	177172	251538	110862	34670	23156	24046
38612	36756	135826	336006	564176	458224	154298	57212	41746
43926	41136	64474	239342	341610	538198	99610	40288	35556
79680	79948	151896	249648	229216	86740	37252	22622	24966
52256	54336	83150	299458	428528	363262	97334	39022	30052
44612	47356	100060	577594	625906	319284	82558	43272	40936
37568	41728	89870	207358	381192	178996	60820	25996	25958
67492	71566	191026	505100	711314	558138	201292	71190	46910
52236	47170	164294	328918	341836	136300	60358	28454	30436
53858	75724	201512	355842	434480	227238	64468	31480	38986
72204	73567	161455	350597	507602	437009	158268	58953	47115

BEGINNING 1894-95.

June	July	August	September	Total
220	225.700	152.580	63.620	580.00
380	146.280	385.520	81.960	575.00
800.000	415.000	143.300	61.250	759.550
0.280	299.360	116.848	45.108	560.576
8020	731.400	356.160	109.940	1299.100
0.720	300.670	84.156	53.496	438.362
6.460	287.420	116.400	52.222	547.542
3.460	287.160	106.720	49.496	543.576
20.620	601.880	147.580	53.000	803.060
28.600	521.060	201.920	71.972	803.552
29.820	24.7660	78.860	39.870	143.516
28.100	346.980	162.900	52.410	643.290
33.520	534.560	335.640	101.600	972.720
70.360	324.880	198.500	64.920	688.800
52.440	653.220	226.800	63.690	943.150
35.60	310.360	110.040	55.910	526.910
29.120	740.860	235.040	74.906	1040.726
14.180	677.560	173.980	83.380	935.000
23.740	415.420	158.660	82.964	656.744
30.1700	124.130	58.742	52.654	246.676
191.900	839.18	409.26	39.672	1398.010
594.764	293.818	80.102	5.3680	974.052
64.3372	260.216	65.224	4.3950	374.756
46.1268	112.120	56.300	4.9922	219.538
280.872	69.736	36.404	34.262	421.274
333.468	117.328	40.586	39.034	532.346
118.728	175.390	63.068	48.784	395.964
659.894	148.086	65.210	4.1974	819.384
376.208	192.504	67.552	4.2946	640.556
76.792	352.296	24.426	2.5370	455.838
367.730	152.598	60.730	4.7302	585.770
105.072	41.132	30.872	2.9480	170.084
725.602	233.700	74.786	5.5734	1034.898
305.456	118.292	51.462	4.1304	579.252
285.896	98.288	36.822	32.488	447.694
257.382	79.234	43.266	34.720	416.338
110.862	34.670	23.156	24.046	192.680
458.224	154.298	52.212	41.746	663.480
538.198	39.610	40.282	35.556	613.046
86.240	37.252	22.622	24.966	110.6080
363.262	97.334	39.022	30.052	452.642
319.284	82.558	43.272	40.936	483.994
178.996	60.820	25.996	25.958	225.882
538.138	201.292	71.190	46.910	856.590
136.300	60.358	28.454	30.436	135.2902
227.258	64.468	31.480	38.986	161.2348
437.009	158.268	58.953	47.115	205.2126

- (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.

DISC
BY DAYS DURI

No.	Name of Canal	1	2	3	4	5	6	7	8	9
1	New York Canal (MC #2)	1231	1345	1173	1290	1112	904	907	949	709
2	Penitentiary	0	0	0	0	0	0	0	0	0
3	Bull	0	0	0	0	0	0	0	0	0
4	Ridenbaugh	0	0	0	30	38	38	46	62	62
5	Settlers	0	0	0	0	0	0	0	0	0
6	Thurman Mill	0	0	0	0	0	0	0	0	0
7	Consumers (Cruzen)	0	0	0	0	0	0	0	0	0
8	Boise City	0	0	0	0	0	0	0	0	0
9	Farmers' Union & B.V.	0	0	0	0	0	0	0	0	0
10	Little Union	0	0	0	0	0	0	0	0	0
11	New Dry Creek	0	0	0	0	0	0	0	0	0
12	Ballantine	0	0	0	0	0	0	0	0	0
13	Middleton Water	0	0	0	0	0	0	0	0	0
14	Middleton Mill	0	0	0	0	0	0	0	0	0
15	Little Pioneer	0	0	0	0	0	0	0	0	0
16	Canyon County	0	0	0	0	0	0	0	0	0
17	7 Eagle Island Canals	0	0	0	0	0	0	0	0	0
18	Phyllis	0	0	0	0	0	0	0	0	0
19	Eureka #1	0	0	20	20	20	20	20	20	20
20	Caldwell High Line	10	10	10	10	10	20	20	20	20
21	Farmers' Coop	0	0	0	0	0	0	0	0	0
22	Campbell	0	0	0	0	0	0	0	0	0
23	Sielenberg	0	0	0	0	0	0	0	0	0
24	Riverside #2	0	0	0	0	0	0	0	0	0
25	Pioneer Dixie	0	0	0	0	0	0	0	0	0
26	Eureka #2	0	0	0	0	0	0	0	0	0
27	Upper Center Point	0	0	0	0	0	0	0	0	0
28	Lower Center Point	0	0	0	0	0	0	0	0	0
29	Miscellaneous	0	0	0	0	0	0	0	0	0
	Total Canal Diversions	1241	1355	1203	1350	1180	982	993	1051	811
30	River at Notus	1010	1210	1300	2660	4240	5410	4860	4330	4500
	Totals	2251	2565	2503	4010	5420	6392	5853	5381	5213

BY DAYS DURING THE IRRIGATION SEASON OF 1940, INCLUDING STORAGE

APRIL

[illegible]

17	18	19	20	21	22	23	24	25	26	27	28	29	30	T
1119	1205	1471	1662	1872	2026	2260	2306	2482	2578	2628	2690	2337	2295	44
0	0	0	0	0	2	2	2	2	2	2	2	2	2	
0	0	0	0	0	0	0	0	0	4	4	4	6	6	
201	221	263	303	342	415	462	494	510	516	511	527	431	494	7
20	36	53	58	58	69	95	113	132	144	157	157	144	144	1
0	0	0	0	0	0	0	0	0	0	0	0	15	19	
0	0	0	0	0	0	10	12	15	18	21	21	21	21	
0	0	0	0	0	0	0	0	0	20	32	32	32	32	
0	0	0	59	70	84	95	91	114	142	155	160	153	153	12
2	2	2	2	2	2	2	2	2	2	2	2	2	6	
0	0	0	0	0	0	0	0	0	0	30	34	38	42	14
0	0	0	0	0	0	0	0	0	0	0	0	10	10	2
62	39	79	119	136	152	168	170	181	185	190	196	188	169	203
28	27	27	27	27	26	26	25	52	85	85	85	105	100	72
0	0	0	0	0	0	0	0	0	0	0	0	0	0	
52	49	49	49	49	49	49	50	50	50	50	50	50	50	69
0	0	0	0	0	0	0	0	0	0	0	0	10	14	24
160	175	20	250	305	340	375	410	436	470	480	465	440	429	527
0	0	0	0	0	0	29	24	20	20	20	20	20	28	181
20	30	30	30	40	50	60	70	92	92	61	61	53	53	1012
0	0	76	77	79	80	97	129	154	180	182	227	229	232	1742
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	50	60	80	80	100	116	148	178	207	
0	0	0	0	0	0	0	0	20	20	24	29	36	44	
0	0	0	0	0	0	0	0	20	20	25	31	37	43	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	8	11	19
1664	1784	2070	2636	2980	3345	3790	3978	4362	4650	4775	4941	4545	4604	68022
5600	4860	4680	4500	4860	4240	3580	2100	1500	1440	1440	1550	2440	2440	106070
7264	6644	6750	7136	7840	7585	7370	6078	5862	6090	6215	6491	6985	7044	174092

Chart No. 5

21	22	23	24	25	26	27	28	29	30	Total	
1872	2026	2260	2306	2482	2578	2626	2690	2337	2295	44684	39
0	2	2	2	2	2	2	2	2	2	18	74
0	0	0	0	0	4	4	4	6	6	24	
342	415	462	494	510	518	511	527	431	494	7047	06
58	69	95	113	132	144	157	157	144	144	1380	78
0	0	0	0	0	0	0	0	15	19	34	34
0	0	10	12	15	18	21	21	21	21	139	12
0	0	0	0	0	20	32	32	32	32	148	32
70	84	95	91	114	142	155	160	153	153	1276	16
2	2	2	2	2	2	2	2	2	6	32	4
0	0	0	0	0	0	30	34	38	42	144	5
0	0	0	0	0	0	0	0	10	10	20	8
136	152	168	170	181	185	190	196	188	169	2034	1
27	26	26	25	52	85	85	85	105	100	725	6
0	0	0	0	0	0	0	0	0	0	0	2
49	49	49	50	50	50	50	50	50	50	696	3
0	0	0	0	0	0	0	0	10	14	24	1
305	340	375	410	436	470	480	465	440	429	5275	17
0	0	29	24	20	20	20	20	20	28	181	10
40	50	60	70	92	92	61	61	53	53	1012	
79	80	97	129	154	180	182	227	229	232	1742	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
0	50	60	80	80	100	116	148	178	207	1019	
0	0	0	0	20	20	24	29	36	44	173	
0	0	0	0	20	20	25	31	37	43	176	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	8	11	19	
2980	3345	3790	3978	4362	4650	4775	4941	4545	4604	68022	
4860	4240	3580	2100	1500	1440	1440	1550	2440	2440	106070	
7840	7585	7370	6078	5862	6090	6215	6491	6985	7044	174072	

BY DAYS

No.	Name of Canal	1	2	3	4	5	6	7	8	9
1	New York Canal (MC #2)	2150	2138	2160	2145	2250	2300	2467	2572	2673
2	Penitentiary	7	7	7	7	7	7	8	8	8
3	Bubb	8	8	8	8	10	10	10	12	12
4	Ridenbaugh	492	511	511	537	530	532	532	532	547
5	Settlers	151	157	164	167	171	177	177	183	190
6	Thurman Mill	26	27	28	29	30	32	34	36	38
7	Consumers (Cruzen)	22	22	22	22	22	22	22	22	22
8	Boise City	33	33	33	33	34	34	34	34	35
9	Farmers' Union & B. V.	159	171	180	188	186	187	192	197	197
10	Little Union	6	7	7	8	8	9	10	11	11
11	New Dry Creek	41	41	43	47	52	56	70	66	49
12	Ballantine	12	14	14	16	16	16	16	17	18
13	Middleton Water	150	166	165	165	164	163	162	188	181
14	Middleton Mill	95	90	85	79	73	68	62	52	46
15	Little Pioneer	0	0	0	0	0	14	26	27	29
16	Canyon County	50	56	52	48	56	64	71	67	71
17	7 Eagle Island Canals	17	20	26	31	35	42	47	47	47
18	Phyllis	398	397	352	376	391	363	366	322	328
19	Eureka #1	28	28	28	28	28	28	32	32	32
20	Caldwell High Line	53	53	53	53	62	72	85	92	92
21	Farmers' Coop.	251	280	311	330	332	335	361	303	419
22	Campbell	0	0	0	0	0	12	14	16	18
23	Siebenberg	10	10	10	10	10	11	11	11	12
24	Riverside #2	238	271	269	267	265	263	262	261	260
25	Pioneer Dixie	50	55	55	55	55	55	55	55	55
26	Eureka #2	49	57	61	65	69	73	77	81	85
27	Upper Center Point	0	8	9	10	11	13	15	17	19
28	Lower Center Point	0	8	8	9	9	10	10	11	11
29	Miscellaneous	14	17	21	25	28	31	31	31	31
	Total Canal Diversions	4510	4652	4682	4758	4904	4999	5259	5383	5536
30	River at Notus	2160	1660	1400	1330	1270	1330	996	724	545
	Totals	6670	6312	6082	6088	6174	6329	6255	6107	6081

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1940, INCLUDING STORAGE

MAY

4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2145	2250	2300	2467	2572	2673	2634	2662	2696	2679	2651	2696	2640	2623	2600
7	7	7	8	8	8	8	8	8	8	8	8	8	8	8
8	10	10	10	12	12	12	14	18	22	22	24	24	26	26
537	530	532	532	532	547	551	556	556	562	554	559	550	572	572
167	171	177	177	183	190	192	193	193	189	193	193	193	193	193
29	30	32	34	36	38	40	42	44	46	48	48	48	49	49
22	22	22	22	22	22	22	22	22	22	22	23	23	23	23
33	34	34	34	34	35	35	35	35	36	36	36	36	35	35
188	186	187	192	197	197	200	199	201	194	194	201	203	204	204
8	8	9	10	11	11	12	12	13	14	15	15	15	15	15
47	52	56	70	66	49	65	70	70	70	70	70	70	70	70
16	16	16	16	17	18	19	20	22	24	26	26	26	25	25
165	164	163	162	188	181	185	214	240	157	201	223	216	202	188
79	73	68	62	52	46	54	98	109	105	106	96	94	92	90
0	0	14	26	27	29	30	32	33	35	36	38	39	41	42
48	56	64	71	67	71	75	92	109	128	96	104	101	98	95
31	35	42	47	47	47	47	47	47	47	47	47	47	47	47
376	391	363	366	322	328	404	424	424	423	431	444	456	468	458
20	28	28	32	32	32	32	32	32	32	30	28	30	32	32
53	62	72	85	92	92	85	85	85	92	92	93	93	93	93
330	332	335	361	383	419	424	431	443	452	455	450	457	431	443
0	0	12	14	16	18	20	22	24	26	27	28	25	22	19
10	10	11	11	11	12	12	12	13	14	15	16	16	16	16
267	265	263	262	261	260	259	258	257	257	256	255	254	253	252
55	55	55	55	55	55	55	55	55	54	54	54	54	54	54
65	69	73	77	81	85	89	93	97	100	103	106	103	100	97
10	11	13	15	17	19	21	23	25	27	29	31	31	30	30
9	9	10	10	11	11	12	12	13	13	14	14	15	15	16
25	28	31	31	31	31	31	31	31	31	31	31	31	31	31
4758	4904	4999	5259	5383	5536	5625	5794	5915	5859	5862	5957	5898	5868	5853
1330	1270	1330	996	724	545	575	938	2230	3990	4680	3900	3740	3180	2960
6088	6174	6329	6255	6107	6081	6200	6732	8145	9849	10542	9857	9638	9048	8813

OF BOISE VALLEY CANALS

IN 1940, INCLUDING STORAGE

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
679	2651	2696	2640	2623	2628	2545	2628	2589	2606	2586	2493	2572	2606	2634	2
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
22	22	24	24	26	26	26	28	28	29	29	28	27	26	25	
562	554	559	550	572	572	572	578	594	591	581	581	587	591	613	5
189	193	193	193	193	193	193	193	193	193	191	197	197	197	194	2
46	48	48	48	49	49	49	49	50	50	50	50	50	50	49	
22	22	23	23	23	24	24	24	25	25	26	26	26	26	26	
36	36	36	36	35	35	35	35	34	34	34	34	35	35	36	
194	194	201	203	204	204	206	212	216	218	219	218	219	212	211	2
14	15	15	15	15	16	16	16	16	16	17	17	17	18	18	
70	70	70	70	70	70	70	63	65	78	75	75	75	70	70	
24	26	26	26	25	25	25	24	24	24	24	23	22	20	18	
157	201	223	216	202	188	177	166	202	202	201	205	210	174	168	1
105	106	96	94	92	90	86	81	84	84	83	87	89	91	93	1
35	36	38	39	41	42	44	45	46	44	41	39	36	34	31	
128	96	104	101	98	95	87	79	79	79	79	68	56	72	88	8
47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	4
423	431	444	456	468	458	454	445	432	460	469	468	459	458	457	45
32	30	28	30	32	32	32	38	40	32	33	34	35	36	37	3
92	92	93	93	93	93	93	93	88	92	102	102	88	80	80	8
452	455	450	457	431	443	412	431	416	414	409	412	404	407	400	38
26	27	28	25	22	19	16	14	12	10	8	8	8	8	8	
14	15	16	16	16	16	16	16	16	16	16	16	16	15	15	1
257	256	255	254	253	252	251	250	249	248	247	243	238	233	228	22
54	54	54	54	54	54	54	54	54	54	54	53	53	53	53	5
100	103	106	103	100	97	94	91	88	85	82	79	76	73	70	6
27	29	31	31	30	30	29	28	27	26	25	24	23	22	21	2
13	14	14	15	15	16	16	17	17	18	19	19	18	18	17	1
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	3
5859	5862	5957	5898	5868	5853	5708	5784	5770	5814	5786	5685	5722	5711	5746	565
3990	4680	3900	3740	3180	2960	2800	2510	2510	2440	2370	2730	3030	3340	3100	2880
9849	10542	9857	9638	9048	8813	8508	8294	8280	8254	8156	8415	8752	9051	8846	8532

Chart No. 5-A

Chart No. 5-A

20	21	22	23	24	25	26	27	28	29	30	31	Total
28	2589	2606	2586	2493	2572	2606	2634	2617	2634	2673	2673	78620
8	8	8	8	8	8	8	8	8	8	8	8	242
28	28	29	29	28	27	26	25	24	23	22	22	611
578	594	591	581	581	587	591	613	591	581	591	597	17404
93	193	193	191	197	197	197	194	195	193	191	190	5786
49	50	50	50	50	50	50	49	49	49	49	49	1337
24	25	25	26	26	26	26	26	26	26	26	26	733
35	34	34	34	34	35	35	36	36	37	37	38	1082
12	216	218	219	218	219	212	211	214	214	216	215	6247
16	16	16	17	17	17	18	18	18	18	19	19	429
63	65	78	75	75	75	70	70	70	48	46	43	1938
24	24	24	24	23	22	20	18	16	15	14	13	614
66	202	202	201	205	210	174	168	158	148	163	179	5683
81	84	84	83	87	89	91	93	81	81	81	85	2600
45	46	44	41	39	36	34	31	29	26	24	20	881
79	79	79	79	68	56	72	88	83	78	72	66	2419
47	47	47	47	47	47	47	47	47	47	47	47	1346
45	432	460	469	468	459	458	457	456	456	454	438	13131
38	40	32	33	34	35	36	37	38	40	42	44	1025
93	88	92	102	102	88	80	80	80	71	71	60	2526
31	416	414	409	412	404	407	400	383	371	368	390	12205
14	12	10	8	8	8	8	8	8	8	9	9	399
16	16	16	16	16	16	15	15	14	14	13	13	421
50	249	248	247	243	238	233	228	224	219	214	210	7711
54	54	54	54	53	53	53	53	52	52	52	52	1669
91	88	85	82	79	76	73	70	67	65	63	61	2499
28	27	26	25	24	23	22	21	20	19	18	17	648
17	17	18	19	19	18	18	17	17	16	16	15	423
31	31	31	31	31	31	31	31	31	31	31	31	911
84	5770	5814	5786	5685	5722	5711	5746	5652	5588	5630	5630	171540
10	2510	2440	2370	2730	3030	3340	3100	2880	2440	1840	1900	71498
94	8280	8254	8156	8415	8752	9051	8846	8532	8028	7470	7530	243038

DISCHARGE
BY DAYS DURING

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1	New York Canal (MC #2)	2724	2679	2707	2612	2679	2729	2707	2696	2634	264
2	Penitentiary	9	9	9	9	9	9	9	9	9	
3	Bubb	21	21	20	20	19	18	17	17	17	
4	Ridenbaugh	560	544	534	546	526	532	520	524	527	52
5	Settlers	191	189	188	186	184	173	145	100	138	17
6	Thurman Mill	45	41	37	33	29	25	22	27	33	3
7	Consumers (Cruzen)	25	25	25	24	24	24	23	23	23	24
8	Boise City	38	37	37	37	36	36	36	36	36	36
9	Farmers' Union & B. V.	214	214	211	210	205	198	194	197	182	172
10	Little Union	18	18	16	14	13	12	11	12	13	14
11	New Dry Creek	53	53	53	50	50	50	50	62	59	41
12	Ballantine	12	10	10	8	8	8	8	10	10	12
13	Middleton Water	194	212	197	192	179	146	117	78	44	72
14	Middleton Mill	96	107	90	74	56	34	14	15	21	51
15	Little Pioneer	21	20	17	14	11	8	8	0	30	35
16	Canyon County	64	62	60	45	30	53	50	50	45	0
17	7 Eagle Island Canals	47	47	47	47	47	47	47	47	47	47
18	Phyllis	438	424	418	434	438	442	452	458	468	464
19	Eureka #1	42	42	42	32	32	34	40	32	30	30
20	Caldwell High Line	55	55	62	62	62	62	62	62	63	63
21	Farmers' Coop.	385	380	378	375	385	368	366	378	323	272
22	Campbell	9	9	9	9	9	10	10	10	10	10
23	Siebenberg	12	12	11	11	10	10	9	9	8	8
24	Riverside #2	207	203	199	195	192	188	184	180	177	173
25	Pioneer Dixie	51	51	51	51	50	50	50	50	49	49
26	Eureka #2	59	57	55	53	51	49	47	45	43	41
27	Upper Center Point	16	15	14	13	12	11	10	9	8	7
28	Lower Center Point	15	14	14	13	13	12	12	11	11	10
29	Miscellaneous	31	31	31	31	31	31	31	31	31	31
	Total Canal Diversions	5652	5581	5542	5400	5390	5369	5251	5178	5089	5075
30	River at Notus	2100	2230	1900	1410	1220	884	590	378	235	165
	Totals	7752	7811	7442	6810	6610	6253	5841	5556	5324	5240

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1940, INCLUDING STORAGE

JUNE

	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	2707	2696	2634	2645	1915	1848	1963	2321	2399	1968	1910	1934	1934	1949	19
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	17	17	17	17	16	16	16	16	16	17	17	18	18	18	
	520	524	527	527	540	524	584	558	558	584	586	586	538	558	57
	145	100	138	176	185	186	186	205	185	185	185	186	183	187	18
	22	27	33	39	45	51	57	63	59	55	52	49	46	46	4
	23	23	23	24	24	25	25	26	25	24	23	22	20	20	2
	36	36	36	36	37	37	37	37	37	36	36	35	35	35	3
	194	197	182	172	218	221	222	225	221	220	216	212	210	213	213
	11	12	13	14	15	16	17	17	17	16	16	16	15	15	15
	50	62	59	41	66	67	65	65	64	65	64	63	59	62	64
	8	10	10	12	12	14	15	15	15	16	16	16	17	17	17
	117	78	44	72	117	148	108	159	159	159	122	122	144	128	113
	14	15	21	51	68	64	79	72	135	57	64	72	63	63	64
	8	0	30	35	41	47	53	51	49	46	43	42	41	40	39
	50	50	45	0	0	0	0	75	104	95	93	91	89	93	92
	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
	452	458	468	464	458	454	447	448	440	448	448	446	443	446	448
	40	32	30	30	32	32	35	34	32	32	32	32	35	34	34
	62	62	62	63	64	64	65	65	65	65	65	70	75	75	75
	366	378	323	272	227	296	306	299	332	292	311	277	251	248	208
	10	10	10	10	10	10	13	16	19	22	25	23	22	21	20
	10	9	8	8	7	7	7	6	6	5	5	7	10	13	16
	184	180	177	173	169	165	161	158	155	153	164	155	155	152	149
	50	50	49	49	49	49	50	51	53	55	57	57	56	56	56
	49	47	45	43	41	39	37	42	47	57	63	58	53	48	43
	11	10	9	8	7	6	5	7	9	11	13	14	13	12	11
	12	12	11	11	10	9	9	8	8	7	7	8	9	10	11
	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
	5251	5178	5089	5075	4457	4479	4656	5133	5303	4779	4722	4698	4621	4646	4633
	590	378	235	165	131	109	76	111	70	65	43	34	38	28	25
	5841	5556	5324	5240	4588	4588	4732	5244	5373	4844	4765	4732	4659	4674	4658

ALS

NG STORAGE

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1968	1910	1934	1934	1949	1978	1987	1944	1944	1954	1982	2030	2021	1978	1944
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
17	17	18	18	18	18	18	18	18	18	18	18	18	17	17
584	586	586	538	558	573	577	567	567	577	578	584	568	578	577
185	185	186	183	187	187	190	190	189	189	189	192	192	170	16
55	52	49	46	46	46	45	45	45	44	44	44	43	43	43
24	23	22	20	20	20	20	21	21	21	21	21	21	21	20
36	36	35	35	35	36	36	36	37	37	37	38	38	38	37
220	216	212	210	213	213	213	214	217	219	221	223	226	186	186
16	16	16	15	15	15	15	16	16	16	17	17	18	18	18
65	64	63	59	62	64	66	66	65	65	65	65	61	64	65
16	16	16	17	17	17	16	16	16	16	15	15	14	14	14
159	122	122	144	128	113	104	111	104	108	113	112	116	108	104
57	64	72	63	63	64	64	62	62	64	59	55	51	50	49
46	43	42	41	40	39	38	37	37	36	36	35	35	33	31
95	93	91	89	93	92	92	97	102	94	86	92	96	85	85
47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
448	448	446	443	446	448	450	354	361	331	322	322	267	267	276
32	32	32	35	34	34	34	32	32	32	33	33	33	33	33
65	65	70	75	75	75	75	75	75	75	75	75	75	79	82
292	311	277	251	248	208	215	173	205	180	149	125	144	189	205
22	25	23	22	21	20	19	23	27	27	26	26	26	25	25
5	5	7	10	13	16	19	19	19	18	17	16	15	14	13
153	164	155	155	152	149	145	154	167	156	134	136	130	149	146
55	57	57	56	56	56	55	55	55	53	51	50	49	48	47
57	63	58	53	48	43	38	46	55	55	56	56	56	57	57
13	15	14	13	12	11	11	12	13	13	14	14	15	15	16
7	7	8	9	10	11	12	14	16	18	20	22	24	26	28
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
4779	4722	4698	4621	4646	4633	4641	4484	4552	4503	4465	4503	4439	4392	4372
65	43	34	38	28	25	25	25	30	26	24	24	21	24	26
4844	4765	4732	4659	4674	4658	4666	4509	4582	4529	4489	4527	4460	4416	4398

Chart No. 5-A

Chart No. 5-B

Receded/
inches

22	23	24	25	26	27	28	29	30	Total
1987	1944	1944	1954	1982	2030	2021	1978	1949	66720
9	9	9	9	9	9	9	9	10	271
18	18	18	18	18	18	18	17	16	532
577	567	567	577	578	584	568	578	572	16697
190	190	189	189	189	192	192	170	167	5398
45	45	45	44	44	44	43	43	43	1296
20	21	21	21	21	21	21	21	20	681
36	36	37	37	37	38	38	38	37	1097
213	214	217	219	221	223	226	186	186	6293
15	16	16	16	17	17	18	18	18	467
66	66	65	65	65	65	61	64	65	1807
16	16	16	16	15	15	14	14	14	402
104	111	104	108	113	112	116	108	104	3890
64	62	62	64	59	55	51	50	49	1875
38	37	37	36	36	35	35	33	31	974
92	97	102	94	86	92	96	85	85	2020
47	47	47	47	47	47	47	47	47	1410
450	354	361	331	322	322	267	267	276	12312
34	32	32	32	33	33	33	33	33	1015
75	75	75	75	75	75	75	79	82	2042
215	173	205	180	149	125	144	189	205	8242
19	23	27	27	26	26	26	25	25	520
19	19	19	18	17	16	15	14	13	339
145	154	167	156	134	136	130	149	146	4951
55	55	55	53	51	50	49	48	47	1554
38	46	55	55	56	56	56	57	57	1515
11	12	13	13	14	14	15	15	16	354
12	14	16	18	20	22	24	26	28	401
31	31	31	31	31	31	31	31	31	930
4641	4484	4552	4503	4465	4503	4439	4392	4372	146005
25	25	30	26	24	24	21	24	26	12067
4666	4509	4582	4529	4489	4527	4460	4416	4398	158072

939 194
374 567,12

006 1,74
278 3,918
684 148,658
292 40,520
532 9,632
126 6,826
144 9,114
45 26,168
98 3,468
31 16,274
16 3,904
14,502
3,562
33,620
15,640
2,044
78

1
15
3,5
4,59
6,85

1,226,618

35,8

1,454,312

263,936

,190,476

DISCHA
BY DAYS DURING

No.	Name of Canal	1	2	3	4	5	6	7	8	9
1	New York Canal (MC #2)	1896	1877	1805	1722	1662	1630	1621	1557	1566
2	Penitentiary	9	8	7	6	5	5	5	5	5
3	Bubb	13	10	10	10	10	10	10	10	10
4	Ridenbaugh	570	504	501	501	498	491	491	493	498
5	Settlers	136	136	139	137	140	138	137	134	131
6	Thurman Mill	40	37	38	39	40	41	42	42	43
7	Consumers (Cruzen)	20	20	20	20	20	21	21	21	21
8	Boise City	36	35	35	34	34	33	33	33	32
9	Farmers' Union & B. V.	186	184	182	178	180	181	183	169	151
10	Little Union	17	17	17	16	16	16	15	15	14
11	New Dry Creek	68	61	60	68	65	67	69	0	55
12	Ballantine	14	14	14	14	15	15	15	15	15
13	Middleton Water	101	90	95	87	79	72	82	82	82
14	Middleton Mill	48	48	46	46	46	38	46	45	36
15	Little Pioneer	28	25	25	26	26	27	27	28	28
16	Canyon County	79	73	67	59	62	56	49	50	49
17	7 Eagle Island Canals	35	35	35	35	35	35	35	35	35
18	Phyllis	256	249	297	295	294	281	279	281	264
19	Eureka #1	28	35	33	33	33	33	33	25	25
20	Caldwell High Line	85	79	75	73	73	73	64	56	48
21	Farmers' Coop	284	178	175	184	206	236	161	152	161
22	Campbell	25	24	23	22	21	20	19	18	17
23	Siebenberg	12	12	11	11	10	10	10	9	9
24	Riverside #2	178	135	144	153	173	164	144	146	148
25	Pioneer Dixie	46	44	42	40	38	36	34	32	30
26	Eureka #2	57	54	51	48	46	44	42	40	38
27	Upper Center Point	17	16	15	14	13	12	11	10	9
28	Lower Center Point	30	30	29	29	28	28	27	27	26
29	Miscellaneous	23	23	23	23	23	23	23	23	23
	Total Canal Diversions	4337	4053	4014	3923	3891	3836	3728	3553	3569
30	River at Notus	35	47	28	28	31	31	33	35	34
	Totals	4372	4100	4042	3951	3922	3867	3761	3588	3603

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1940, INCLUDING STORAGE

JULY

6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1630	1621	1557	1566	1625	1602	1602	1588	1570	1557	1499	1401	1286	1246	1238
5	5	5	5	5	5	5	5	5	5	5	4	4	4	4
10	10	10	10	10	10	10	10	11	11	12	12	12	11	11
491	491	493	498	494	493	475	478	478	480	475	400	388	379	379
138	137	134	131	106	104	114	115	116	115	90	92	96	96	94
41	42	42	43	43	44	42	39	36	33	30	27	27	27	27
21	21	21	21	21	22	22	23	23	24	24	25	25	25	25
33	33	33	32	32	32	31	31	30	29	28	27	27	27	27
181	183	169	151	158	156	141	142	142	142	125	125	122	122	122
16	15	15	14	12	11	11	11	11	11	11	11	11	11	11
67	69	0	55	39	39	41	41	41	41	41	41	39	39	41
15	15	15	15	15	14	14	14	13	13	12	11	10	10	10
72	82	82	82	74	65	65	65	63	64	62	60	59	69	69
38	46	45	36	34	34	33	33	37	37	35	34	38	29	30
27	27	28	28	29	29	28	28	27	27	26	26	26	26	25
56	49	50	49	48	50	44	44	42	44	45	44	46	44	44
35	35	35	35	35	35	28	28	28	28	28	28	28	28	28
281	279	281	264	266	271	271	273	262	262	257	259	242	229	217
33	33	25	25	25	20	20	20	20	20	20	18	18	18	18
73	64	56	48	40	40	35	38	38	61	82	83	83	64	49
236	161	152	161	142	109	109	102	99	117	133	147	166	147	129
20	19	18	17	16	16	16	16	16	16	16	16	16	15	14
10	10	9	9	9	8	8	8	7	7	7	6	6	6	5
164	144	146	148	131	127	121	113	101	98	110	113	119	109	122
36	34	32	30	29	29	30	31	32	33	34	35	36	36	35
44	42	40	38	36	34	31	28	25	22	19	29	39	37	35
12	11	10	9	9	9	9	9	8	8	8	8	9	9	10
28	27	27	26	26	25	25	24	24	23	23	23	22	22	21
23	23	23	23	23	23	19	19	19	19	19	19	19	19	19
3836	3728	3553	3569	3532	3456	3400	3376	3324	3347	3276	3124	3019	2904	2859
31	33	35	34	35	34	32	28	24	24	20	23	24	24	24
3867	3761	3588	3603	3567	3490	3432	3404	3348	3371	3296	3147	3043	2928	2883

STORAGE

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1499	1401	1286	1246	1238	1191	1162	1137	1223	1246	1223	1148	1076	1065	1090
5	4	4	4	4	4	4	4	4	4	4	5	5	5	5
12	12	12	11	11	11	10	10	10	10	10	11	11	11	11
475	400	388	379	379	379	376	382	405	407	407	399	399	410	408
90	92	96	96	94	92	91	92	88	90	90	91	90	91	95
30	27	27	27	27	28	28	29	29	29	29	30	30	30	30
24	25	25	25	25	24	23	22	20	20	21	22	23	24	24
28	27	27	27	27	27	27	27	27	27	27	27	28	28	28
125	125	122	122	122	122	122	120	117	117	117	74	72	72	79
11	11	11	11	11	11	11	11	11	11	12	12	12	12	12
41	41	39	39	41	41	41	40	40	42	41	41	41	41	41
12	11	10	10	10	10	11	11	11	11	10	10	10	9	9
62	60	59	69	69	69	70	66	62	68	66	64	64	64	63
35	34	38	29	30	34	38	34	29	29	28	26	26	25	25
26	26	26	26	25	25	25	25	24	24	24	24	23	22	21
45	44	46	44	44	43	53	51	51	52	49	48	45	42	43
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
257	259	242	229	217	218	215	215	222	238	237	246	246	245	245
20	18	18	18	18	18	18	18	18	19	19	19	19	19	19
82	83	83	64	49	38	38	44	72	72	80	88	88	53	46
133	147	166	147	129	133	127	125	125	138	173	170	150	121	115
16	16	16	15	14	13	12	11	10	10	9	8	8	7	7
7	6	6	6	5	5	5	4	4	4	5	6	7	8	9
110	113	119	109	122	95	97	102	103	104	106	133	135	129	105
34	35	36	36	35	35	34	34	33	33	32	30	29	28	27
19	29	39	37	35	33	32	31	30	29	29	29	29	29	29
8	8	9	9	10	10	11	11	12	12	12	12	12	11	11
23	23	22	22	21	21	20	20	19	19	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
3276	3124	3019	2904	2859	2777	2750	2723	2846	2912	2925	2838	2743	2666	2662
20	23	24	24	24	22	20	19	20	19	22	21	24	24	20
3296	3147	3043	2928	2883	2799	2770	2742	2866	2931	2947	2859	2767	2690	2682

Chart No. 3-4

S.

22	23	24	25	26	27	28	29	30	31	Total
1162	1137	1223	1246	1223	1148	1076	1065	1090	1202	44313
4	4	4	4	4	5	5	5	5	5	155
10	10	10	10	10	11	11	11	11	11	329
378	382	405	407	407	399	399	410	408	424	13864
91	92	88	90	90	91	90	91	95	92	3368
28	29	29	29	29	30	30	30	30	30	1059
23	22	20	20	21	22	23	24	24	25	691
27	27	27	27	27	27	28	28	28	28	927
122	120	117	117	117	74	72	72	79	64	4167
11	11	11	11	12	12	12	12	12	12	392
41	40	40	42	41	41	41	41	41	41	1406
11	11	11	11	10	10	10	9	9	9	378
70	66	62	68	66	64	64	64	63	61	2202
38	34	29	29	28	26	26	25	25	24	1091
25	25	24	24	24	24	23	22	21	20	794
53	51	51	52	49	48	45	42	43	45	1561
28	28	28	28	28	28	28	28	28	28	945
215	215	222	238	237	246	246	245	245	246	7878
18	18	18	19	19	19	19	19	19	18	699
38	44	72	72	80	88	88	53	46	40	1898
127	125	125	138	173	170	150	121	115	121	4635
12	11	10	10	9	8	8	7	7	6	463
5	4	4	4	5	6	7	8	9	10	238
97	102	103	104	106	133	135	129	105	105	3863
34	34	33	33	32	30	29	28	27	26	1043
32	31	30	29	29	29	29	29	29	29	1084
11	11	12	12	12	12	12	11	11	11	338
20	20	19	19	18	18	18	18	18	18	719
19	19	19	19	19	19	19	19	19	19	633
2750	2723	2846	2912	2925	2838	2743	2666	2662	2770	101133
20	19	20	19	22	21	24	24	20	21	826
2770	2742	2866	2931	2947	2859	2767	2690	2682	2791	101959

1939

,374

006

278

684

288

148

40

9

6

1

3

52

18

8

2

8

0

8

3

5

5

3

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

DISCHARGE, IN
BY DAYS DURING THE IR

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1	New York Canal (MC #2)	1223	1223	1296	1323	1364	1385	1454	1462	1475	1471
2	Penitentiary	5	5	5	5	5	5	5	5	6	6
3	Bubb	12	12	13	14	15	16	17	16	15	14
4	Ridenbaugh	439	439	442	439	437	437	437	437	437	437
5	Settlers	91	90	90	88	87	88	89	93	95	97
6	Thurman Mill	29	29	29	28	28	28	27	27	27	27
7	Consumers (Cruzen)	24	24	24	24	23	23	23	23	23	24
8	Boise City	28	28	28	28	28	28	28	27	27	26
9	Farmers' Union & B. V.	115	117	119	120	121	127	128	131	125	72
10	Little Union	13	13	13	14	14	14	15	15	14	14
11	New Dry Creek	40	40	39	39	38	38	40	38	39	39
12	Ballantine	10	10	11	11	12	12	13	13	12	12
13	Middleton Water	62	62	62	62	62	64	66	66	66	66
14	Middleton Mill	25	25	25	25	25	27	29	26	23	20
15	Little Pioneer	21	22	23	24	24	25	25	24	24	23
16	Canyon County	45	43	48	48	51	50	49	51	46	41
17	7 Eagle Island Canals	28	28	28	28	28	28	28	28	28	28
18	Phyllis	262	279	281	337	283	342	341	314	305	306
19	Eureka No. 1	19	19	19	19	19	18	15	16	18	19
20	Caldwell High Line	35	30	35	53	53	70	86	70	50	30
21	Farmers' Coop.	105	92	82	108	132	122	120	132	116	112
22	Campbell	6	7	8	9	10	11	12	13	13	12
23	Siebenberg	11	10	9	9	8	8	7	7	8	8
24	Riverside #2	103	100	99	106	186	82	84	81	75	80
25	Pioneer Dixie	25	25	24	24	23	23	23	24	25	26
26	Eureka #2	29	31	33	35	37	39	42	40	38	36
27	Upper Center Point	11	11	11	10	10	10	10	10	10	10
28	Lower Center Point	19	19	19	19	19	19	19	19	19	19
29	Miscellaneous	19	19	19	19	19	19	19	19	19	19
	Total Canal Diversions	2854	2852	2934	3068	3161	3158	3251	3227	3178	3094
30	River at Notus	21	20	20	18	19	19	20	20	20	20
	Totals	2875	2872	2954	3086	3180	3177	3271	3247	3198	3114

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1940, INCLUDING STORAGE

AUGUST

6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1454	1462	1475	1471	1475	1434	1487	1471	1426	1360	1342	1294	1271	1234	127	
5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	
16	17	16	15	14	13	12	4	4	4	4	4	4	4	4	
437	437	437	437	437	444	438	374	364	378	384	392	390	387	38	
89	93	95	97	99	78	70	70	70	70	64	64	66	63	6	
27	27	27	27	27	27	27	25	23	22	21	20	19	18	18	
23	23	23	23	24	24	25	25	24	24	23	23	22	21	21	
28	28	27	27	26	25	24	24	24	25	25	25	26	26	26	
128	131	125	72	69	66	80	118	118	121	122	123	126	124	12	
15	15	14	14	12	11	11	11	11	11	11	11	11	11	12	
40	38	39	39	39	41	41	41	28	35	28	35	42	41	41	
13	13	12	12	11	11	10	10	9	9	8	8	8	8	8	
66	66	66	66	66	67	66	66	66	62	62	62	58	62	62	
29	26	23	20	25	31	27	23	19	25	26	26	26	27	27	
25	25	24	24	23	23	22	22	23	23	23	23	23	22	22	
49	51	46	41	43	45	45	46	45	44	43	42	41	41	41	
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
341	314	305	306	306	306	307	307	0	0	0	0	0	0	0	
15	16	18	19	19	19	19	19	19	19	19	19	18	18	18	
86	70	50	30	45	38	38	30	43	32	33	32	30	21	46	
120	132	116	112	108	114	94	105	108	118	118	120	102	83	86	
12	13	13	12	12	11	11	10	10	9	9	9	8	8	8	
7	7	8	8	9	9	10	10	10	9	9	9	8	8	8	
84	81	75	80	104	91	85	69	57	62	55	65	59	64	59	
23	24	25	26	27	28	30	30	30	30	31	31	31	31	31	
42	40	38	36	34	33	32	32	32	32	32	32	32	32	32	
10	10	10	10	10	10	10	9	9	8	8	7	7	6	6	
19	19	19	19	19	19	18	18	18	18	18	18	17	17	17	
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	
3251	3227	3178	3094	3134	3069	3082	3020	2643	2601	2570	2546	2496	2431	2490	
20	20	20	20	20	20	20	20	20	20	23	23	23	22	23	
3271	3247	3198	3114	3154	3089	3102	3040	2663	2621	2593	2569	2519	2453	2513	

AGE

	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	1342	1294	1271	1234	1271	1223	1220	1205	1184	1126	1148	1083	1108	1090	1069
2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3	4	4	4	4	4	4	4	4	4	5	5	7	7	8	9
4	384	392	390	387	387	388	385	385	385	384	384	384	384	384	384
5	64	64	66	63	62	62	61	61	64	64	60	90	90	90	90
6	20	19	18	18	19	19	20	20	21	21	22	23	23	24	25
7	23	22	21	21	21	20	20	20	20	19	19	19	19	19	19
8	25	26	26	26	26	26	26	26	26	27	27	27	27	27	27
9	122	123	126	124	123	86	85	85	84	116	115	114	114	114	112
10	11	11	11	12	12	12	12	13	13	13	13	14	14	14	14
11	28	35	42	41	41	40	40	40	40	40	40	40	39	39	39
12	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7
13	62	62	58	62	62	62	62	63	64	65	65	65	65	65	62
14	26	26	26	27	27	27	27	27	28	29	29	29	29	29	29
15	23	23	23	22	22	21	21	20	20	20	20	19	19	19	19
16	43	42	41	41	41	41	40	40	40	40	39	39	39	43	40
17	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
18	0	0	0	0	0	0	0	0	0	0	294	323	335	348	362
19	19	19	18	18	18	18	17	17	17	17	17	17	17	13	17
20	33	32	30	21	46	54	93	93	93	75	75	66	66	66	66
21	118	120	102	83	86	79	142	112	126	212	89	110	112	106	112
22	9	9	8	8	8	9	9	9	10	10	10	11	11	11	12
23	9	9	8	8	8	8	8	8	8	9	9	9	9	9	9
24	55	65	59	64	59	68	79	69	69	77	87	76	80	79	87
25	31	31	31	31	31	30	30	29	29	28	28	27	27	27	27
26	32	32	32	32	32	32	31	31	31	31	30	30	30	30	35
27	8	7	7	6	6	6	6	6	6	7	7	7	7	7	7
28	18	18	17	17	17	17	17	17	16	16	16	16	16	16	16
29	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
30	2570	2546	2496	2431	2490	2413	2516	2461	2458	2805	2737	2717	2760	2741	2748
31	23	23	23	22	23	21	22	26	26	24	21	23	23	24	25
32	2593	2569	2519	2453	2513	2434	2538	2487	2484	2829	2758	2740	2783	2765	2773

AGE

	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	1342	1294	1271	1234	1271	1223	1220	1205	1184	1126	1148	1083	1108	1090	1069
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	4	4	4	4	4	4	4	4	4	5	5	7	7	8	9
	384	392	390	387	387	388	385	385	385	384	384	384	384	384	384
	64	64	66	63	62	62	61	61	64	64	60	90	90	90	90
	20	19	18	18	19	19	20	20	21	21	22	23	23	24	25
	23	22	21	21	21	20	20	20	20	19	19	19	19	19	19
	25	26	26	26	26	26	26	26	26	27	27	27	27	27	27
	122	123	126	124	123	86	85	85	84	116	115	114	114	114	112
	11	11	11	12	12	12	12	13	13	13	13	14	14	14	14
	28	35	42	41	41	40	40	40	40	40	40	40	39	39	39
	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7
	62	62	58	62	62	62	62	63	64	65	65	65	65	65	62
	26	26	26	27	27	27	27	27	28	29	29	29	29	29	29
	23	23	23	22	22	21	21	20	20	20	20	19	19	19	19
	43	42	41	41	41	41	40	40	40	40	39	39	39	43	40
	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	19	19	18	18	18	18	17	17	17	17	17	17	17	13	17
	33	32	30	21	46	54	93	93	93	75	75	66	66	66	66
	118	120	102	83	86	79	142	112	126	212	89	110	112	106	112
	9	9	8	8	8	9	9	9	10	10	10	11	11	11	12
	9	9	8	8	8	8	8	8	8	9	9	9	9	9	9
	55	65	59	64	59	68	79	69	69	77	87	76	80	79	87
	31	31	31	31	31	30	30	29	29	28	28	27	27	27	27
	32	32	32	32	32	32	31	31	31	31	30	30	30	30	35
	8	8	7	6	6	6	6	6	6	7	7	7	7	7	7
	18	18	17	17	17	17	17	17	16	16	16	16	16	16	16
	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	2570	2546	2496	2431	2490	2413	2516	2461	2458	2805	2737	2717	2760	2741	2748
	23	23	23	22	23	21	22	26	26	24	21	23	23	24	25
	2593	2569	2519	2453	2513	2434	2538	2487	2484	2829	2758	2740	2783	2765	2773

Chart No. 5-D

5.

Decrease Inches	Total Sec. f. t.	Area sq. ft.
1	1	1
2	4	4
3	9	9
4	16	16
5	25	25
6	36	36
7	49	49
8	64	64
9	81	81
10	100	100
11	121	121
12	144	144
13	169	169
14	196	196
15	225	225
16	256	256
17	289	289
18	324	324
19	361	361
20	400	400
21	441	441
22	484	484
23	529	529
24	576	576
25	625	625
26	676	676
27	729	729
28	784	784
29	841	841
30	900	900
31	961	961
32	1024	1024
33	1089	1089
34	1156	1156
35	1225	1225
36	1296	1296
37	1369	1369
38	1444	1444
39	1521	1521
40	1600	1600
41	1681	1681
42	1764	1764
43	1849	1849
44	1936	1936
45	2025	2025
46	2116	2116
47	2209	2209
48	2304	2304
49	2401	2401
50	2500	2500
51	2601	2601
52	2704	2704
53	2809	2809
54	2916	2916
55	3025	3025
56	3136	3136
57	3249	3249
58	3364	3364
59	3481	3481
60	3600	3600
61	3721	3721
62	3844	3844
63	3969	3969
64	4096	4096
65	4225	4225
66	4356	4356
67	4489	4489
68	4624	4624
69	4761	4761
70	4900	4900
71	5041	5041
72	5184	5184
73	5329	5329
74	5476	5476
75	5625	5625
76	5776	5776
77	5929	5929
78	6084	6084
79	6241	6241
80	6400	6400
81	6561	6561
82	6724	6724
83	6889	6889
84	7056	7056
85	7225	7225
86	7396	7396
87	7569	7569
88	7744	7744
89	7921	7921
90	8100	8100
91	8281	8281
92	8464	8464
93	8649	8649
94	8836	8836
95	9025	9025
96	9216	9216
97	9409	9409
98	9604	9604
99	9801	9801
100	10000	10000

25	26	27	28	29	30	31	Total
184	1126	1148	1083	1108	1090	1069	40197
6	6	6	6	6	6	6	178
4	5	5	7	7	8	9	262
385	384	384	384	384	384	384	12603
64	64	60	90	90	90	90	2416
21	21	22	23	23	24	25	736
20	19	19	19	19	19	19	682
26	27	27	27	27	27	27	818
84	116	115	114	114	114	112	3390
13	13	13	14	14	14	14	395
40	40	40	40	39	39	39	1199
7	7	7	7	7	7	7	289
64	65	65	65	65	65	62	1975
28	29	29	29	29	29	29	815
20	20	20	19	19	19	19	682
40	40	39	39	39	43	40	1349
28	28	28	28	28	28	28	868
294	323	335	348	352	362	362	6290
17	17	17	17	17	13	17	554
93	75	75	66	66	66	66	1647
126	212	89	110	112	106	112	3477
10	10	10	11	11	11	12	308
8	9	9	9	9	9	9	270
69	77	87	76	80	79	87	2537
29	28	28	27	27	27	27	854
31	31	30	30	30	30	35	1026
6	7	7	7	7	7	7	259
16	16	16	16	16	16	16	550
19	19	19	19	19	19	19	589
2458	2805	2737	2717	2760	2741	2748	87215
26	24	21	23	23	24	25	666
2484	2829	2758	2740	2783	2765	2773	87881

1939	1940
2,374	567,126
2,006	1,746
4,278	3,918
1,684	148,658
1,292	40,520
1,532	9,632
1,326	6,826
944	9,114
	26,168
	3,468
	16,274
	3,904
	14,502
	3,562
	620
	10
16	
98	
38	
06	
66	
18	
64	
60	
4	2,
8	47,1
6	12,18
2	15,416
4	3,538
	4,596
	19,56
	35,898
	1,454,312
	263,936
	1,190,476

DISC
BY DAYS DURI

No.	Name of Canal	1	2	3	4	5	6	7	8	9
1	New York Canal (MC #2)	926	952	1013	1069	1023	0	0	0	0
2	Penitentiary	3	3	3	0	0	0	0	0	0
3	Bubb	9	9	9	11	11	11	11	11	10
4	Ridenbaugh	0	0	0	0	0	0	0	0	445
5	Settlers	94	90	90	90	89	90	90	91	92
6	Thurman Mill	24	23	22	20	18	17	16	15	14
7	Consumers (Cruzen)	19	19	19	19	19	19	18	17	16
8	Poise City	27	27	27	27	26	25	24	23	22
9	Farmers' Union & B. V.	111	78	75	80	78	76	58	48	48
10	Little Union	13	13	13	12	12	11	11	10	10
11	New Dry Creek	41	41	40	39	40	41	38	43	36
12	Ballantine	6	6	6	6	6	6	6	6	6
13	Middleton Water	59	60	62	64	57	54	55	56	54
14	Middleton Mill	28	28	28	28	28	28	28	28	26
15	Little Pioneer	18	18	17	16	14	12	10	8	7
16	Canyon County	38	34	38	47	47	47	46	45	44
17	7 Eagle Island Canals	28	28	28	28	28	28	28	28	22
18	Phyllis	348	316	0	0	0	100	100	0	0
19	Eureka #1	17	17	17	17	17	16	16	16	14
20	Caldwell High Line	66	65	65	65	67	67	67	67	67
21	Farmers' Coop	130	122	110	126	153	196	196	212	212
22	Campbell	13	14	15	17	15	14	13	12	11
23	Siebenberg	9	8	8	8	8	8	7	7	7
24	Riverside #2	80	70	69	89	92	96	99	103	106
25	Pioneer Dixie	28	28	29	29	29	28	28	27	27
26	Eureka #2	40	45	50	55	53	51	50	49	48
27	Upper Center Point	7	8	8	8	8	7	7	6	6
28	Lower Center Point	15	14	13	12	11	10	9	8	7
29	Miscellaneous	19	19	19	19	19	19	19	19	16
	Total Canal Diversion	2216	2155	1893	2001	1968	1077	1050	955	1373
30	River at Notus	27	27	24	41	80	76	72	79	80
	Totals	2243	2182	1917	2042	2048	1153	1122	1034	1453

1434

DISCHARGE, IN SECOND FLET, OF FOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1940, INCLUDING STORAGE

SEPTEMBER

7	8	9	10	11	12	13	14	15	16	17	18	19	30	Total
0	0	0	0	0	0	0	0	0	0	0	0	0	845	9029
0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
11	11	10	10	10	9	9	9	9	7	7	7	4	4	201
0	0	445	445	445	453	461	451	407	387	372	334	2	215	6714
90	91	92	93	93	94	90	95	95	54	66	66	2	18	1912
16	15	14	13	12	11	10	10	10	10	9	9	7	7	354
18	17	16	15	14	13	12	12	12	12	12	12	6	16	487
24	23	22	20	18	16	14	14	13	13	12	12	0	10	485
58	48	48	61	54	42	48	42	42	44	44	44	6	34	1582
11	10	10	9	8	7	6	6	6	6	6	6	6	6	237
38	43	36	36	28	28	28	27	27	21	16	27	3	13	757
6	6	6	0	0	0	0	1	1	1	1	2	2	2	78
55	56	54	53	50	47	49	51	30	26	23	22	8	8	1026
28	28	26	25	25	24	24	23	24	24	22	21	1	21	714
10	8	7	6	5	4	3	2	2	2	2	2	3	3	191
46	45	44	43	42	41	40	39	36	34	32	16	5	15	894
28	28	22	20	18	16	14	13	13	13	13	13	1	13	535
100	0	0	0	0	0	0	0	0	0	0	0	0	111	1418
16	16	14	14	12	11	10	9	9	9	9	9	5	5	314
67	67	67	67	67	67	58	26	14	14	14	35	0	40	1362
196	212	212	206	215	212	201	191	186	177	164	164	3	53	4299
13	12	11	10	9	8	7	6	5	4	3	4	4	6	222
7	7	7	6	6	6	5	5	5	4	4	4	4	4	163
99	103	106	110	113	116	119	122	125	128	130	134	2	132	3483
28	27	27	26	26	26	26	26	26	26	26	26	26	26	799
51	49	48	47	46	46	46	46	46	46	46	46	46	46	1408
7	6	6	5	5	5	5	5	5	5	5	5	5	5	170
10	8	7	6	5	5	5	5	5	5	5	5	5	5	205
19	19	16	13	11	9	9	8	8	8	8	8	8	8	346
77	1050	955	1373	1359	1337	1316	1299	1244	1161	1080	1051	1036	1671	39394
76	72	79	80	75	84	104	92	220	250	274	280	292	404	5755
53	1122	1034	1453	1434	1421	1420	1391	1464	1411	1354	1331	1328	2075	45149

	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
7	0	0	0	0	0	0	0	100	602	809	845	845	845	9029
0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
7	7	6	6	0	0	0	1	1	3	3	4	4	4	201
72	334	286	235	196	182	174	196	196	198	212	212	212	215	6714
66	66	34	34	20	20	32	32	32	32	32	32	32	18	1912
9	9	9	9	8	8	8	7	7	7	7	7	7	7	354
12	12	12	12	12	16	19	21	23	23	20	18	16	16	487
12	12	12	11	11	11	10	10	10	10	10	10	10	10	485
44	44	44	44	44	46	32	32	32	50	58	47	46	34	1582
6	6	6	6	6	6	6	6	6	6	6	6	6	6	237
16	27	14	16	17	14	12	10	12	13	13	13	13	13	757
1	2	2	2	1	1	1	1	1	1	2	2	2	2	78
23	22	22	22	22	17	13	9	9	8	8	8	8	8	1026
22	21	21	21	21	21	21	21	21	21	21	21	21	21	714
2	4	4	4	4	4	4	3	3	3	3	3	3	3	191
32	16	16	16	16	16	16	15	15	15	15	15	15	15	894
13	13	13	13	13	13	13	13	13	13	13	13	13	13	535
0	0	0	0	0	0	0	0	0	110	111	111	111	111	1418
9	9	9	7	7	7	7	6	6	6	5	5	5	5	314
14	35	35	35	35	35	35	23	23	23	40	40	40	40	1362
164	169	146	122	114	114	89	86	80	77	80	77	83	53	4299
3	2	2	2	2	2	2	2	2	6	6	6	6	6	222
4	4	4	4	4	4	4	4	4	4	4	4	4	4	163
130	132	132	132	132	132	132	132	132	132	132	132	132	132	3483
26	26	26	26	26	26	26	26	26	26	26	26	26	26	799
46	46	46	46	46	46	46	46	46	46	46	46	46	46	1408
5	5	5	5	5	5	5	5	5	5	5	5	5	5	170
5	5	5	5	5	5	5	5	5	5	5	5	5	5	205
8	8	8	8	8	8	8	8	8	8	8	8	8	8	346
051	1036	919	843	775	759	720	720	818	1453	1700	1721	1724	1671	39394
280	292	408	525	426	346	280	226	215	190	148	133	277	404	5755
331	1328	1327	1368	1201	1105	1000	946	1033	1643	1648	1854	2001	2075	45149

Chart No. 5-E

21	22	23	24	25	26	27	28	29	30	Total	1939
0	0	0	0	100	602	809	845	845	845	9029	,374
0	0	0	0	0	0	0	0	0	0	9	,006
0	0	0	1	1	3	3	4	4	4	201	,278
196	182	174	196	196	198	212	212	212	215	6714	,684
20	20	32	32	32	32	32	32	32	18	1912	,292
8	8	8	7	7	7	7	7	7	7	354	
12	16	19	21	23	23	20	18	16	16	487	
11	11	10	10	10	10	10	10	10	10	485	
44	46	32	32	32	50	58	47	46	34	1582	
6	6	6	6	6	6	6	6	6	6	237	
17	14	12	10	12	13	13	13	13	13	757	
1	1	1	1	1	1	2	2	2	2	78	
22	17	13	9	9	8	8	8	8	8	1026	
21	21	21	21	21	21	21	21	21	21	714	
4	4	4	3	3	3	3	3	3	3	191	
16	16	16	15	15	15	15	15	15	15	894	
13	13	13	13	13	13	13	13	13	13	535	
0	0	0	0	0	110	111	111	111	111	1418	
7	7	7	6	6	6	5	5	5	5	314	
35	35	35	23	23	23	40	40	40	40	1362	
114	114	89	86	80	77	80	77	83	53	4299	
2	2	2	2	2	6	6	6	6	6	222	
4	4	4	4	4	4	4	4	4	4	163	
132	132	132	132	132	132	132	132	132	132	3483	
26	26	26	26	26	26	26	26	26	26	799	
46	46	46	46	46	46	46	46	46	46	1408	
5	5	5	5	5	5	5	5	5	5	170	
5	5	5	5	5	5	5	5	5	5	205	
8	8	8	8	8	8	8	8	8	8	346	
775	759	720	720	818	1453	1700	1721	1724	1671	39394	
426	346	280	226	215	190	148	133	277	404	5755	
1201	1105	1000	946	1033	1643	1848	1854	2001	2075	45149	

35,89
1,454,312
263,936
1,190,476

	1915	1916	1917	1918	1919	1920	1921
Board of Control	434,066	589,932	439,904	561,530	531,426	568,746	563,610
New York Stock		83,014	54,282	70,226	54,972	60,052	69,510
Penitentiary	1,066	1,464	1,452	1,530	2,426	2,580	3,010
Bubb	3,442	4,344	4,676	4,562	3,542	4,276	3,810
Ridenbaugh	98,468	103,386	97,080	112,186	101,802	106,712	128,610
Settlers	32,168	40,804	32,418	35,552	37,748	41,000	48,310
Thurman Mill	10,686	11,112	11,918	9,870	7,954	7,628	7,610
Consumers Water Corp.	19,946	22,756	17,408	28,748	25,194	25,140	23,510
Boise City	2,552	3,402	2,990	3,162	2,840	888	1,890
Farmers Union	34,500	31,804	26,042	32,644	25,110	26,646	41,310
Capital View Irr. Dist.	2,846	2,002	2,022	4,212	4,114	4,392	4,880
Boise Valley		12,936	6,438	11,374	13,296	13,704	14,140
New Union	2,940	3,178	3,902	3,048	2,890	2,496	3,390
New Dry Creek	11,983	12,500	10,466	10,698	11,154	13,972	16,000
Ballantine	1,546	2,006	1,752	2,436	3,560	2,882	2,460
Middleton Water Co.	23,480	21,404	15,982	26,044	21,004	24,332	28,232
Middleton Mill Ditch	14,688	15,094	15,666	15,240	15,106	15,290	15,078
Little Pioneer	5,716	6,620	5,466	5,904	5,966	6,802	5,822
Canyon Water Co.	15,190	18,034	14,158	16,034	15,254	14,356	21,414
7 Eagle Island Canals	11,394	14,164	12,204	14,968	13,196	12,702	13,308
Phyllis Canal	69,324	109,026	108,926	108,282	108,698	104,416	115,540
Eureka Water Company	4,578	5,334	3,574	5,226	6,094	5,264	5,166
Caldwell High Line	23,004	18,100	18,476	16,110	13,372	12,016	18,678
Farmers Coop.	63,282	85,544	69,638	84,974	67,628	84,448	93,052
Campbell (Canyon)	3,044	4,614	4,492	4,070	3,706	3,710	4,974
Siebenberg	2,806	3,588	2,750	3,428	3,230	3,420	3,508
Riverside No. 2	55,240	60,956	48,584	57,268	45,704	53,966	67,906
Pioneer Dixie	5,144	5,434	4,384	3,938	5,394	4,822	7,218
Eureka No. 2	11,438	10,626	9,170	11,156	12,264	13,334	15,280
Upper Center Point	3,240	3,262	2,348	3,024	3,276	2,912	2,850
Lower Center Point	2,262	1,850	1,558	2,542	2,062	3,278	2,052
Miscellaneous	8,852	9,292	8,102	9,930	8,566	8,458	8,610

Total Summer Diversions

April 1 to September 30 978,838 1,217,572 1,058,228 1,279,916 1,176,828 1,254,640 1,361,022

New York Canal Diversions

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

Irrigation Requirements Below Diversion

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

Amount Passing Diversion Dam

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

Total

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

Summer Return Flow

194,850 353,506 314,462 371,632 279,366 232,512 362,928

Natural Flow Used

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

Combined with Board of Control

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

1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
426	568,746	563,608	553,022	643,878	201,622	611,376	375,000	642,778	576,716	574,030
972	60,052	69,512	67,838	71,808	35,298	60,074	29,836	60,788	51,718	41,366
426	2,580	3,032	2,940	3,100	772	2,122	1,734	1,954	2,144	1,650
542	4,276	3,892	3,212	4,048	2,818	3,202	2,834	3,348	3,712	3,688
802	106,712	128,616	120,472	135,908	87,636	135,696	108,210	132,334	132,446	120,884
748	41,000	48,384	44,966	47,634	31,326	52,862	35,728	47,830	43,340	41,540
954	7,628	7,630	6,686	9,316	7,244	8,976	8,770	7,972	9,516	9,784
194	25,140	23,530	23,024	19,344	12,560	12,646	10,190	8,816	8,350	6,808
840	888	1,896	2,032	1,530	8,498	9,582	8,774	9,036	7,300	8,960
110	26,646	41,360	38,982	44,270	24,426	46,786	22,898	44,984	37,562	33,376
114	4,392	4,880	4,880	5,368	3,280	4,000	4,434	3,388	4,240	3,100
296	13,704	14,142	15,416	17,142	14,178	12,720	14,840	16,410	16,778	15,536
290	2,496	3,392	3,272	3,934	3,592	3,854	3,038	4,292	3,760	3,960
154	13,972	16,000	16,712	16,922	12,224	18,454	14,276	18,322	7,816	15,970
3560	2,882	2,460	3,900	4,226	3,028	2,580	3,526	3,660	3,574	3,282
1004	24,332	28,232	31,016	29,582	26,108	34,652	23,934	29,816	7,358	21,624
5106	15,290	15,078	24,190	26,702	13,896	28,028	14,266	19,028	9,768	18,036
5966	6,802	5,822	6,632	7,880	6,410	9,418	7,626	7,442	8,988	8,738
5254	14,356	21,414	23,218	22,786	18,912	19,712	18,952	19,672	8,982	18,118
3196	12,702	13,308	12,212	13,794	11,850	13,756	11,530	13,288	1,134	11,448
8698	104,416	115,540	115,740	125,282	61,300	125,588	70,342	125,370	8,842	95,864
6094	5,264	5,166	6,390	5,698	6,600	5,952	6,344	6,434	4,174	5,714
3372	12,016	18,678	17,660	15,368	16,296	14,584	18,938	11,944	3,332	17,556
67628	84,448	93,052	38,650	89,224	39,540	89,020	52,192	91,726	2,274	69,000
3706	3,710	4,974	3,924	5,248	3,556	4,478	3,384	4,658	3,322	3,838
3230	3,420	3,508	3,090	3,596	2,106	3,106	2,796	2,604	8,54	2,580
45704	53,966	67,906	41,180	54,620	30,752	47,454	40,604	63,404	0,36	41,220
5394	4,822	7,218	4,904	9,440	7,996	8,710	7,620	8,140	4,42	8,622
12264	13,334	15,280	15,412	16,402	12,642	11,776	12,052	11,978	326	10,110
3276	2,912	2,850	3,472	3,538	3,196	2,468	2,308	1,802	756	2,526
2062	3,278	2,052	1,784	2,848	3,042	2,538	2,634	2,238	120	3,018
8566	8,458	8,610	8,118	9,148	7,080	8,770	7,680	8,996	082	7,582
176,828	1,254,640	1,361,022	1,305,946	1,469,530	719,824	1,414,940	947,230	1,424,452	162	1,229,658
163,000	185,000	211,000	164,000	173,000	190,000	201,000	180,000	182,000	270	157,526
27,106	17,806	24,070	35,892	29,432	37,796	31,292	37,700	28,750	20	41,240
121,418	137,420	119,294	134,784	96,796	100,414	103,652	107,282	150,930	82	45,018
488,352	1,594,866	1,715,386	1,640,622	1,768,758	1,048,034	1,750,884	1,272,212	1,786,137	34	1,473,442
279,366	232,512	362,928	294,100	344,890	165,164	290,248	171,692	304,296	28	227,474
208,986	1,362,354	1,352,458	1,346,522	1,423,868	822,870	1,460,636	1,100,520	1,481,847	06	1,245,968

CANAL DIVERSIONS IN ACRE FEET

SEPTEMBER 30TH - BEGINNING 1915

1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
1,376	375,000	642,778	576,716	574,030	520,146	355,518	735,592	638,504	388,154	646,900
60,074	29,836	60,788	51,718	41,366	35,978	24,658				
2,122	1,734	1,954	2,144	1,650	1,492	1,474	1,680	1,466	1,672	2,339
3,202	2,834	3,348	3,712	3,688	3,558	2,926	5,184	4,266	4,030	4,130
35,696	108,210	132,334	132,446	120,884	129,062	102,584	144,474	141,694	126,502	134,870
52,862	35,728	47,830	43,340	41,540	35,554	29,674	46,690	45,061	34,142	42,990
8,976	8,770	7,972	9,516	9,784	8,748	8,720	8,264	8,434	10,700	10,450
12,646	10,190	8,816	8,350	6,808	8,584	8,322	8,236	6,562	8,000	6,424
9,582	8,774	9,036	7,300	8,960	8,938	8,484	9,638	10,388	10,524	9,496
46,786	22,898	44,984	37,562	33,376	35,482	23,854	31,744	32,136	28,848	29,988
4,000	4,434	3,388	4,240	3,100	3,880	3,298	3,354	3,374	3,950	3,400
12,720	14,840	16,410	16,778	15,536	16,998	15,608	15,252	15,654	16,468	15,254
3,854	3,038	4,292	3,760	3,960	3,558	3,706	3,328	3,508	4,112	4,178
18,454	14,276	18,322	17,816	15,970	17,140	11,870	15,524	17,648	3,764	17,350
2,580	3,526	3,660	3,574	3,282	3,338	2,918	4,354	3,432	13,796	3,532
34,652	23,934	29,816	27,358	21,624	25,942	23,214	23,096	20,018	23,312	20,772
28,028	14,266	19,028	19,768	18,036	17,178	13,390	20,590	22,844	16,528	21,020
9,418	7,626	7,442	8,988	8,738	8,584	7,608	7,990	9,194	8,762	8,974
19,712	18,952	19,672	18,982	18,118	18,958	17,144	19,132	19,872	20,470	20,528
13,756	11,530	13,288	12,134	11,448	12,274	11,030	11,714	11,446	11,162	11,382
125,588	70,342	115,370	113,842	95,844	109,070	65,170	111,016	110,312	85,148	97,746
5,952	6,344	6,434	6,474	5,714	6,800	6,090	6,462	6,370	7,624	8,174
14,584	18,938	11,944	14,332	17,536	17,530	18,938	18,562	13,004	20,360	21,714
89,020	52,192	91,726	79,274	69,000	84,294	49,120	85,240	78,830	60,256	76,344
4,478	3,384	4,658	5,322	3,838	4,526	3,956	4,100	4,886	3,584	4,318
3,106	2,796	2,604	2,854	2,580	3,030	2,510	2,422	3,448	2,482	3,244
47,454	40,604	63,404	51,036	41,220	46,956	32,014	50,662	41,020	49,060	44,988
8,710	7,620	8,140	11,442	8,622	9,296	8,540	7,556	7,938	10,196	7,942
11,776	12,052	11,978	12,326	10,110	11,982	10,130	10,210	11,440	12,650	12,588
2,468	2,308	1,802	2,756	2,526	2,952	2,668	2,970	2,656	2,288	3,024
2,538	2,634	2,238	2,120	3,018	2,622	3,102	2,772	2,812	3,962	3,010
8,770	7,680	8,996	8,082	7,582	8,206	7,532	7,492	7,606	7,554	7,558

414,940	947,230	1,424,452	1,316,162	1,229,658	1,223,286	885,750	1,425,210	1,305,778	1,000,060	1,304,704
201,000	180,000	182,000	160,270	157,526	175,266	141,956	157,422	125,778	166,838	169,168
31,292	37,700	28,750	36,020	42,240	31,840	25,150	26,830	40,838	37,678	33,142
103,652	107,282	150,930	234,482	45,018	59,500	50,794	68,384	69,956	55,018	51,396
750,884	1,272,212	1,786,132	1,746,934	1,473,442	1,489,892	1,103,650	1,677,846	1,542,350	1,259,594	1,558,410
290,248	171,692	304,290	299,728	227,474	235,746	171,736	343,116	273,076	198,518	240,752
460,636	1,100,520	1,481,842	1,447,206	1,245,968	1,254,146	931,914	1,334,730	1,269,274	1,061,076	1,317,658

Chart No. 7

1932	1933	1934	1935	1936	1937	1938	1939	1940
592	638,504	388,154	646,960	611,988	541,832	723,112	572,374	567,126
680	1,466	1,672	2,358	1,998	2,164	2,132	2,006	1,746
184	4,266	4,030	4,136	4,142	3,978	4,722	4,278	3,918
474	141,694	126,502	134,870	148,178	117,806	159,302	147,684	148,658
690	45,061	34,142	42,992	43,732	36,478	48,134	43,292	40,520
264	8,434	10,700	10,450	8,802	9,442	10,624	11,532	9,632
236	6,562	8,000	6,424	7,344	7,048	6,876	8,326	6,826
638	10,388	10,524	9,496	8,470	8,758	9,746	9,944	9,114
744	32,136	28,848	29,988	29,716	28,022	35,240	33,645	26,168
354	3,374	3,950	3,400	3,406	3,362	3,468	3,498	3,468
252	15,654	16,468	15,254	16,034	16,038	17,586	17,631	16,274
328	3,508	4,112	4,178	4,374	4,442	4,322	4,036	3,904
524	17,648	3,764	17,350	16,110	13,638	17,830	15,252	14,502
354	3,432	13,796	3,532	3,386	3,288	3,514	3,698	3,562
096	20,018	23,312	20,772	22,764	26,276	31,226	31,488	33,620
590	22,844	16,528	21,020	22,260	15,006	17,584	15,042	15,640
990	9,194	8,762	8,974	8,424	8,802	9,762	8,318	7,044
132	19,872	20,470	20,528	17,896	18,180	18,814	19,960	17,878
1714	11,446	11,162	11,382	14,348	10,998	12,632	12,398	10,256
1016	110,312	85,148	97,746	100,138	83,308	111,026	98,038	92,608
6462	6,370	7,624	8,174	7,662	7,318	7,262	8,406	7,576
8562	13,004	20,360	21,714	18,320	19,698	17,206	21,466	20,974
5240	78,830	60,256	76,344	73,100	70,164	93,592	68,918	69,200
4100	4,886	3,584	4,318	4,528	4,284	5,750	6,364	3,824
2422	3,448	2,482	3,244	2,574	2,658	2,662	3,260	2,862
0662	41,020	49,060	44,988	52,910	44,172	66,196	48,444	47,128
7556	7,938	10,196	7,942	8,848	8,072	10,414	13,248	12,184
0210	11,440	12,650	12,588	101,158	10,864	13,586	15,256	15,416
2970	2,656	2,288	3,024	2,584	2,688	2,452	3,472	3,538
2772	2,812	3,962	3,010	1,630	2,552	2,436	3,944	4,596
7492	7,606	7,554	7,558	9,534	7,378	8,388	8,360	6,856

5,210	1,305,778	1,000,060	1,304,704	1,285,358	1,138,714	1,477,596	1,263,578	1,226,618
7,422	125,778	166,838	169,168	170,570	153,418	176,440	133,534	172,234
26,830	40,838	37,678	33,142	80,292	26,588	34,398	20,550	19,562
8,384	69,956	55,018	51,396	19,088	20,768	85,150	65,456	35,898
7,846	1,542,350	1,259,594	1,558,410	1,505,308	1,339,488	1,773,584	1,483,118	1,454,312
13,116	273,076	198,518	240,752	265,286	217,436	373,294	235,740	263,936
34,730	1,269,274	1,061,076	1,317,658	1,240,022	1,122,052	1,400,290	1,247,378	1,190,476

No.	Name of Tributary	1	2	3	4	5	6	7	8	9
1	Drainage District No. 3	7	7	7	7	7	7	7	7	7
2	Davis Drain	6	6	6	6	6	6	6	6	6
3	Thurman Drain	10	10	10	10	10	10	10	10	10
4	Boise Sewer	8	8	8	8	8	8	8	8	8
5	Eagle Drain	20	20	20	20	20	20	20	20	20
6	South Middleton Drain	35	35	35	35	35	36	36	36	36
7	North Middleton Drain	12	12	12	12	12	12	12	14	18
8	Hartley Drain	2	2	2	2	2	2	2	2	2
9	Phyllis Waste	2	2	2	2	2	2	2	2	2
10	Mason Creek	12	12	12	12	12	13	13	13	13
11	Mason Drain	30	30	30	30	30	30	30	30	30
12	Indian Creek	70	70	70	70	72	72	72	72	76
	Total	214	214	214	214	216	218	218	220	228

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10
1	Drainage District No. 3	9	9	9	9	9	10	10	10	10	10
2	Davis Drain	7	7	7	7	7	7	7	7	7	7
3	Thurman Drain	13	13	13	13	13	13	13	13	13	13
4	Boise Sewer	9	9	9	9	9	9	9	9	9	9
5	Eagle Drain	27	29	30	32	33	35	36	38	39	41
6	South Middleton Drain	48	48	50	50	52	52	53	54	56	58
7	North Middleton Drain	44	40	38	37	35	32	28	24	20	14
8	Hartley Drain	7	7	8	8	9	9	10	11	12	13
9	Phyllis Waste	3	3	3	3	3	3	3	3	3	3
10	Mason Creek	11	11	11	11	11	11	11	12	12	12
11	Mason Drain	103	109	106	103	100	97	94	91	88	85
12	Indian Creek	102	102	102	102	102	102	102	102	102	101
	Total	383	387	386	384	383	380	376	374	371	366

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1940

APRIL

	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	20	20	20	20	20	20	20	20	21	22	22	22	22	22	23
5	36	36	36	36	36	36	38	38	38	38	40	40	40	40	40
2	12	12	14	18	20	26	40	47	52	63	70	70	70	70	70
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
2	13	13	13	13	13	14	14	14	14	14	15	15	15	15	15
0	30	30	30	30	30	32	35	36	38	40	41	43	45	49	53
2	72	72	72	76	76	77	77	78	78	78	76	76	74	74	74
16	218	218	220	228	230	241	260	269	277	291	301	303	303	307	312

MAY

	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
5															
9	10	10	10	10	10	10	10	10	11	11	11	11	12	12	12
7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8
13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
33	35	36	38	39	41	42	44	45	46	46	46	47	47	47	48
52	52	53	54	56	58	65	72	79	86	94	102	110	118	126	134
35	32	28	24	20	14	15	17	19	21	23	25	27	29	31	33
9	9	10	11	12	13	13	13	13	13	12	12	12	11	11	11
3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4
11	11	11	12	12	12	12	12	12	13	13	13	13	13	14	14
100	97	94	91	88	85	82	79	77	75	73	71	69	67	65	63
102	102	102	102	102	101	101	101	101	101	101	101	100	100	100	100
383	380	376	374	371	366	374	382	390	400	407	416	424	432	441	450

RIVER

17	18	19	20	21	22	23	24	25	26	27	28	29	30	To
7	7	7	7	7	7	7	7	8	8	8	8	8	9	2
6	6	6	6	7	7	7	7	7	7	7	7	7	7	1
11	11	11	11	12	12	12	12	12	12	12	12	12	12	3
8	8	8	8	8	8	8	8	8	8	9	9	9	9	2
22	22	22	23	23	23	23	23	23	23	24	24	24	26	6
40	40	40	40	40	40	40	42	42	42	44	44	46	46	116
70	70	70	70	70	70	68	64	60	57	55	50	47	46	130
2	2	2	2	2	2	3	3	4	4	5	5	6	6	8
3	3	3	3	3	3	3	3	3	3	3	3	3	3	7
15	15	15	15	14	14	14	14	14	13	13	13	12	12	40
43	45	49	53	57	61	65	69	73	78	83	88	93	98	147
76	74	74	74	76	80	84	84	87	88	91	94	95	98	235
303	303	307	312	319	327	334	336	341	343	354	357	362	372	849
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
11	12	12	12	12	12	12	13	13	13	13	13	14	14	14
8	8	8	8	9	9	9	9	9	9	9	9	9	9	9
14	14	14	14	15	15	15	15	15	15	15	15	15	15	15
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
47	47	47	48	48	48	49	49	49	50	50	50	50	51	51
110	118	126	134	132	130	128	126	124	122	121	120	119	119	119
27	29	31	33	34	35	36	38	40	42	44	46	48	46	43
12	11	11	11	12	13	14	15	16	18	20	22	24	23	22
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13	13	14	14	14	14	14	12	11	10	9	8	7	7	7
69	67	65	63	61	59	57	59	61	63	65	67	69	67	65
100	100	100	100	100	100	100	101	101	101	101	101	102	102	102
424	432	441	450	450	448	447	450	452	456	460	464	470	466	460

Chart No. 5

21	22	23	24	25	26	27	28	29	30	Total
7	7	7	7	8	8	8	8	8	9	217
12	12	12	12	12	12	12	12	12	12	190
8	8	8	8	8	8	9	9	9	9	330
23	23	23	23	23	23	24	24	24	26	244
40	40	40	42	42	42	44	44	46	46	650
70	70	68	64	60	57	55	50	47	46	1169
2	2	3	3	4	4	5	5	6	6	1301
3	3	3	3	3	3	3	3	3	3	80
14	14	14	14	14	13	13	13	12	12	75
57	61	65	69	73	78	83	88	93	98	403
76	80	84	84	87	88	91	94	95	98	1477
319	327	334	336	341	343	354	357	362	372	2359
										8495

21	22	23	24	25	26	27	28	29	30	31	Total
12	12	12	13	13	13	13	13	14	14	14	348
9	9	9	9	9	9	9	9	9	9	9	249
15	15	15	15	15	15	15	15	15	15	15	435
9	9	9	9	9	9	9	9	9	9	9	279
48	48	49	49	49	50	50	50	50	51	51	1343
132	130	128	126	124	122	121	120	119	119	119	2867
34	35	36	38	40	42	44	46	48	46	43	1004
12	13	14	15	16	18	20	22	24	23	22	414
4	4	4	4	4	4	4	4	4	4	4	109
14	14	14	12	11	10	9	8	7	7	7	355
61	59	57	59	61	63	65	67	69	67	65	2390
100	100	100	101	101	101	101	101	102	102	102	3136
450	448	447	450	452	456	460	464	470	466	460	12929

No.	Name of Tributary	1	2	3	4	5	6	7	8
1	Drainage District No. 3	14	14	14	14	14	14	14	15
2	Davis Drain	9	9	9	9	9	9	9	9
3	Thurman Drain	15	15	15	15	15	15	15	15
4	Boise Sewer	9	9	9	9	9	9	9	9
5	Eagle Drain	51	51	51	52	52	52	52	52
6	South Middleton Drain	119	119	118	118	118	118	118	104
7	North Middleton Drain	40	37	34	31	28	25	22	22
8	Hartley Drain	22	21	21	20	20	19	19	20
9	Phyllis Waste	4	4	4	4	4	4	4	4
10	Mason Creek	7	7	7	7	7	7	7	7
11	Mason Drain	64	63	62	61	60	59	58	57
12	Indian Creek	102	102	103	103	103	103	103	104
	Total	456	451	447	443	439	434	430	418

No.	Name of Tributary	1	2	3	4	5	6	7	8
1	Drainage District No. 3	15	15	15	15	15	15	15	14
2	Davis Drain	10	10	10	10	10	10	10	10
3	Thurman Drain	18	18	18	18	18	18	18	18
4	Boise Sewer	8	8	8	8	8	8	8	8
5	Eagle Drain	52	51	50	49	48	47	46	45
6	South Middleton Drain	35	35	34	34	33	33	32	32
7	North Middleton Drain	16	16	17	17	18	18	19	19
8	Hartley Drain	30	29	28	27	26	25	24	22
9	Phyllis Waste	3	3	3	3	3	3	3	3
10	Mason Creek	14	14	14	14	14	14	15	15
11	Mason Drain	30	30	30	31	31	31	32	32
12	Indian Creek	106	106	107	107	108	108	109	109
	Total	337	335	334	333	332	330	331	327

TRIBUTARY AND RETURN FLOW TO POISE RIVER
IRRIGATION SEASON OF 1940

JUNE														
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
14	14	14	15	15	15	15	15	15	15	15	15	16	16	16
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
15	15	15	15	15	15	15	15	15	16	16	16	16	16	16
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
52	52	52	52	51	51	50	49	48	48	49	49	50	50	51
118	118	118	104	89	74	59	44	29	30	33	36	38	39	40
28	25	22	22	23	23	24	25	26	34	42	51	60	58	56
20	19	19	20	21	22	23	25	27	25	22	19	16	16	15
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
7	7	7	7	7	7	7	7	8	8	9	9	10	11	13
60	59	58	57	56	55	54	53	49	45	41	37	34	34	34
103	103	103	104	104	104	104	104	103	103	103	103	103	102	101
439	434	430	418	403	388	373	359	342	346	352	357	365	364	364
JULY														
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
15	15	15	14	14	14	14	14	14	14	14	14	14	14	14
10	10	10	10	10	10	10	10	10	10	10	9	9	9	9
18	18	18	18	18	18	18	18	18	18	18	18	18	17	17
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
48	47	46	45	44	44	44	44	44	43	43	43	43	43	42
33	33	32	32	31	31	30	30	29	29	28	27	26	25	27
18	18	19	19	20	21	22	22	23	23	23	23	23	23	22
26	25	24	22	20	19	18	18	17	17	16	15	14	13	13
3	3	3	3	3	3	3	3	3	4	4	4	4	4	4
14	14	15	15	15	15	15	15	16	16	16	16	16	16	17
31	31	32	32	32	32	33	33	33	33	34	34	34	34	35
108	108	109	109	110	110	111	111	112	112	113	114	115	116	114
332	330	331	327	325	325	326	326	327	327	327	325	324	322	322

POISE RIVER

940

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
15	16	16	16	16	16	16	16	16	16	16	16	16	16	15	
9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	
16	16	16	16	16	16	17	17	17	17	17	17	17	18	18	
9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	
49	50	50	51	51	51	52	52	52	53	53	53	54	54	53	
36	38	39	40	41	42	43	43	43	43	42	42	40	38	37	
51	60	58	56	54	52	50	48	45	41	37	33	29	25	21	
19	16	16	15	15	14	14	13	13	15	18	20	23	25	28	
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
9	10	11	13	15	17	19	21	23	21	19	18	17	16	15	
37	34	34	34	34	34	34	34	34	33	33	32	32	31	31	
103	103	102	101	100	99	98	97	98	99	100	101	102	103	104	
857	365	364	364	364	363	365	364	364	361	358	354	352	348	344	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	12
9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8
18	18	17	17	17	17	17	17	17	18	18	18	18	18	19	19
8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7
43	43	43	42	41	40	39	38	37	37	37	37	38	38	38	38
27	26	25	27	29	31	33	35	37	39	41	36	32	29	26	23
23	23	23	22	21	20	19	18	16	14	12	12	12	11	11	11
15	14	13	13	13	12	12	12	11	11	10	10	11	12	13	14
4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3
16	16	16	17	18	19	20	21	22	24	26	25	24	23	22	21
34	34	34	35	35	35	36	36	36	37	37	34	32	30	28	26
14	115	116	114	111	108	105	102	99	96	93	92	91	90	90	89
825	324	322	322	319	316	315	313	309	310	306	296	290	282	278	271

Chart No. 8-A

S.

21	22	23	24	25	26	27	28	29	30	Total
16	16	16	16	16	16	16	16	16	15	456
9	9	10	10	10	10	10	10	10	10	278
16	17	17	17	17	17	17	17	18	18	478
9	9	9	9	9	9	8	8	8	8	266
51	52	52	52	53	53	53	54	54	53	1537
2	43	43	43	43	42	42	40	38	37	1897
52	50	48	45	41	37	33	29	25	21	1096
4	14	13	13	15	18	20	23	25	28	591
4	4	4	4	4	4	4	4	4	4	120
7	19	21	23	21	19	18	17	16	15	353
4	34	34	34	33	33	32	32	31	31	1338
9	98	97	98	99	100	101	102	103	104	3058
3	365	364	364	361	358	354	352	348	344	11468

1	22	23	24	25	26	27	28	29	30	31	Total
3	13	13	13	13	13	13	13	13	13	12	428
9	9	9	9	9	8	8	8	8	8	8	288
7	17	17	17	18	18	18	18	18	19	19	553
8	8	8	8	8	7	7	7	7	7	7	242
0	39	38	37	37	37	37	38	38	38	38	1323
1	33	35	37	39	41	36	32	29	26	23	972
0	19	18	16	14	12	12	12	11	11	11	562
2	12	12	11	11	10	10	11	12	13	14	532
4	4	4	4	4	4	4	4	3	3	3	108
9	20	21	22	24	26	25	24	23	22	21	552
5	36	36	36	37	37	34	32	30	28	26	1016
8	105	102	99	96	93	92	91	90	90	89	3264
	315	313	309	310	306	296	290	282	278	271	9840

No.	Name of Tributary	1	2	3	4	5	6	7	8	9
1	Drainage District No. 3	12	12	12	12	12	11	11	11	11
2	Davis Drain	7	7	7	7	7	7	7	6	6
3	Thurman Drain	19	19	20	20	20	20	21	21	21
4	Boise Sewer	7	7	7	7	7	7	7	7	7
5	Eagle Drain	39	39	40	41	42	43	44	44	43
6	South Middleton Drain	20	20	20	20	20	19	19	19	19
7	North Middleton Drain	10	10	10	10	10	11	11	11	11
8	Hartley Drain	15	15	15	15	14	14	14	13	13
9	Phyllis Waste	3	3	3	3	3	3	3	3	3
10	Mason Creek	20	20	20	19	19	19	18	18	18
11	Mason Drain	24	24	24	25	25	25	26	26	26
12	Indian Creek	89	89	89	89	89	89	89	89	88
	Total	265	265	267	268	268	268	270	268	266

No.	Name of Tributary	1	2	3	4	5	6	7	8	9
1	Drainage District No. 3	10	10	10	10	10	10	10	10	10
2	Davis Drain	6	6	6	6	6	6	6	6	6
3	Thurman Drain	17	17	17	17	17	17	17	18	18
4	Boise Sewer	7	7	7	7	7	7	7	7	7
5	Eagle Drain	42	43	43	43	43	42	42	42	42
6	South Middleton Drain	24	24	23	23	23	26	29	32	35
7	North Middleton Drain	18	18	19	19	19	20	20	22	24
8	Hartley Drain	12	12	12	11	11	10	10	10	9
9	Phyllis Waste	3	3	3	3	3	4	4	4	4
10	Mason Creek	10	11	11	11	11	11	12	12	13
11	Mason Drain	27	29	31	33	36	39	42	45	48
12	Indian Creek	99	101	103	106	107	108	109	110	111
	Total	275	281	285	289	293	300	308	318	327

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1940

August

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
12	11	11	11	11	11	11	11	11	11	11	11	11	11	11
7	7	7	6	6	6	6	6	6	6	6	6	6	6	6
20	20	21	21	21	21	21	21	20	20	20	20	20	20	20
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
42	43	44	44	43	43	42	42	41	41	40	39	38	37	36
20	19	19	19	19	19	19	19	18	18	18	18	19	19	20
10	11	11	11	11	11	12	12	12	12	12	12	13	13	13
14	14	14	13	13	13	12	12	12	11	11	11	11	11	12
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	19	18	18	18	17	17	17	16	16	16	16	15	14	13
25	25	26	26	26	27	27	27	28	28	29	29	28	27	26
89	89	89	89	88	88	88	88	88	88	88	88	87	86	85
268	268	270	268	266	266	265	265	262	261	261	260	258	254	252

September

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
10	10	10	10	10	11	11	11	11	11	12	12	12	12	12
6	6	6	6	6	7	7	7	7	7	7	7	7	8	8
17	17	17	18	18	18	18	18	18	18	18	18	18	19	19
7	7	7	7	7	7	7	7	7	7	7	8	8	8	9
43	42	42	42	42	41	41	41	41	40	40	40	41	41	42
23	26	29	32	35	39	43	47	51	55	59	63	67	71	75
19	20	20	22	24	26	29	32	35	38	41	45	49	53	57
11	10	10	10	9	9	9	8	8	8	7	7	7	6	6
3	4	4	4	4	4	5	5	5	5	5	5	5	6	6
11	11	12	12	13	13	14	14	15	15	16	16	17	17	17
36	39	42	45	48	50	52	54	56	58	60	62	64	66	66
107	108	109	110	111	112	113	114	115	115	116	116	117	117	117
293	300	308	318	327	337	349	358	369	377	388	399	412	424	434

TURN FLOW TO BOISE RIVER

SEASON OF 1940

August

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
20	20	20	20	20	20	19	19	19	19	19	19	18	18	18	18
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
41	40	39	38	37	36	36	37	37	38	38	39	39	40	40	41
18	18	18	19	19	20	20	21	21	22	22	22	23	23	23	24
12	12	12	13	13	13	14	14	15	15	16	16	16	16	17	17
11	11	11	11	11	12	12	12	13	13	14	14	14	13	13	13
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	16	16	15	14	13	12	11	10	9	8	8	8	9	9	9
28	29	29	28	27	26	25	24	22	20	18	19	20	21	22	23
88	88	88	87	86	85	85	84	84	83	83	85	87	89	91	93
61	261	260	258	254	252	250	249	248	246	245	249	251	255	259	264

September

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13
7	7	7	7	8	8	8	8	9	9	9	9	9	9	9	9
8	18	18	18	19	19	19	19	20	20	20	21	21	21	21	21
7	7	8	8	8	9	9	9	9	9	9	9	9	9	9	9
0	40	40	41	41	42	42	43	43	44	44	44	44	44	44	44
5	59	63	67	71	75	75	72	72	70	70	70	70	70	70	70
8	41	45	49	53	57	60	60	60	60	58	55	53	52	50	50
8	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6
5	5	5	5	6	6	6	6	6	6	6	7	7	7	7	7
5	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17
8	60	62	64	66	66	66	66	66	66	66	66	66	66	66	66
5	116	116	117	117	117	117	117	117	117	117	117	117	117	117	117
7	388	399	412	424	434	437	435	437	436	434	434	432	431	429	429

Chart No. 8-B

21	22	23	24	25	26	27	28	29	30	31	Total
11	11	11	11	11	10	10	10	10	10	10	340
6	6	6	6	6	6	6	6	6	6	6	193
19	19	19	19	19	18	18	18	18	18	17	605
7	7	7	7	7	7	7	7	7	7	7	217
37	37	38	38	39	39	40	40	41	42	42	1243
21	21	22	22	22	23	23	23	24	24	24	632
14	15	15	16	16	16	16	17	17	17	18	407
2	13	13	14	14	14	13	13	13	13	12	400
3	3	3	3	3	3	3	3	3	3	3	93
1	10	9	8	8	8	9	9	9	10	10	441
4	22	20	18	19	20	21	22	23	24	25	764
4	84	83	83	85	87	89	91	93	95	97	2730
9	248	246	245	249	251	255	259	264	269	271	8065

21	22	23	24	25	26	27	28	29	30	Total
12	12	12	13	13	13	13	13	13	13	343
9	9	9	9	9	9	9	9	9	9	223
20	20	20	21	21	21	21	21	21	21	561
9	9	9	9	9	9	9	9	9	9	237
43	44	44	44	44	44	44	44	44	44	1270
72	70	70	70	70	70	70	70	70	70	1588
60	60	58	55	53	52	50	50	50	50	1192
6	6	6	6	6	6	6	6	6	6	238
6	6	6	7	7	7	7	7	7	7	154
17	17	17	17	17	17	17	17	17	17	443
66	66	66	66	66	66	66	66	66	66	1644
117	117	117	117	117	117	117	117	117	117	3393
437	436	434	434	432	431	429	429	429	429	11286

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM
 - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN BY MC
 IRRIGATION SEASON 1940

	APRIL	MAY	JUNE	JULY
Boise River at Diversion Dam	311,732	426,886	263,412	164,450
Deliveries to Canals	348,184	486,076	316,144	203,918
Tributary Gain	16,990	25,858	22,936	19,680
Seepage Gain	19,462	33,332	29,796	19,788
Net Gain	36,452	59,190	52,732	39,468

SUMMARY TABLE IN 24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW
 DAM, CANAL DELIVERIES, TRIBUTARY GAIN, SEEPAGE GAIN
 IRRIGATION SEASON 1940

	APRIL	MAY	JUNE	JULY
Boise River at Diversion Dam	5,195	6,885	4,390	2,652
Deliveries to Canals	5,803	7,840	5,269	3,289
Tributary Gain	283	417	382	317
Seepage Gain	325	538	497	320
Net Gain	608	955	879	637

Chart No. 9

BOISE RIVER AT DIVERSION DAM CANAL DELIVERIES
SEEPAGE GAIN - NET GAIN BY MONTHS IN ACRE FEET
IRRIGATION SEASON 1940

JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
263,412	164,450	142,598	47,368	1,356,446
316,144	203,918	175,762	90,298	1,620,382
22,936	19,680	16,130	22,572	124,166
29,796	19,788	17,034	20,358	139,770
52,732	39,468	33,164	42,930	263,936

RIVER

1928 1930

4. 1

FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER AT DIVERSION
IES, TRIBUTARY GAIN, SEEPAGE GAIN, AND NET GAIN

IRRIGATION SEASON 1940

JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
4,390	2,652	2,300	789	22,211
5,269	3,289	2,835	1,505	26,541
382	317	260	376	2,035
497	320	275	340	2,295
879	637	535	716	4,330

5.2

4.36

6.80

4.78

4.45

2.78

3.97

2.31

1.44

2.00

4.80

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

SECTION 1

1940

	July	August	September
Boise River at Diversion Dam	164,450	142,598	47,368
Deliveries to Canals	177,630	155,722	60,668
Tributary Gain	5,668	5,196	5,268
Seepage Gain	7,512	7,928	8,032
Net Gain	13,180	13,124	13,300

SUMMARY TABLE IN 24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF
 BOISE RIVER AT DIVERSION DAM, CANAL DELIVERIES, TRIBUTARY
 GAIN, SEEPAGE GAIN, AND NET GAIN

SECTION 1

1940

	July	August	September
Boise River at Diversion Dam	2,652	2,300	789
Deliveries to Canals	2,865	2,512	1,011
Tributary Gain	91	84	88
Seepage Gain	122	128	134
Net Gain	213	212	222

SHOWING BOISE RIVER AT DIVERSION DAM, CANAL DELIVERIES,
Y GAIN, SEEPAGE GAIN, NET GAIN BY MONTHS IN ACRE FEET

SECTION 1

1940

July	August	September	Total
164,450	142,598	47,368	354,416
177,630	155,722	60,668	394,020
5,668	5,196	5,268	16,132
7,512	7,928	8,032	23,472
13,180	13,124	13,300	39,604

TED BY 18

SON FROM 1

26 192

33 5.2

.90

.37

.4

BLE IN 24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF
E RIVER AT DIVERSION DAM, CANAL DELIVERIES, TRIBUTARY
GAIN, SEEPAGE GAIN, AND NET GAIN

SECTION 1

1940

July	August	September	Total
2,652	2,300	789	5,741
2,865	2,512	1,011	6,388
91	84	88	263
122	128	134	384
213	212	222	647

.40

.20

.93

.00

.37

.45

.71

.63

.01

.74

5.1

5.73

5.92

3.37

2.6

1.71

5.29

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

SECTION 2

1940

	July	August	September
Boise River at Caldwell High Line	1,486	1,032	4,070
Deliveries to Canals	27,684	21,072	33,700
Tributary Gain	14,012	10,934	17,304
Seepage Gain	12,186	9,106	12,326
Net Gain	26,198	20,040	29,630

SUMMARY TABLE IN 24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE
 RIVER AT CALDWELL, HIGH LINE, CANAL DELIVERIES, TRIBUTARY GAIN,
 SEEPAGE GAIN AND NET GAIN

SECTION 2

1940

	July	August	September	T
Boise River at Caldwell High Line	24	17	68	
Deliveries to Canals	446	340	562	1,
Tributary Gain	226	176	288	
Seepage Gain	196	147	206	
Net Gain	422	323	494	1,8

Chart No. 11

AT CALDWELL, HIGH LINE, CANAL DELIVERIES,
NET GAIN BY MONTHS IN ACRE FEET

SECTION 2

1940

August	September	Total
1,032	4,070	6,588
21,072	33,700	82,456
10,934	17,304	42,250
9,106	12,326	33,618
20,040	29,630	75,868

FEET, SHOWING AVERAGE DAILY FLOW OF BOISE

AT CALDWELL, CANAL DELIVERIES, TRIBUTARY GAIN,

IN AND NET GAIN

SECTION 2

1940

August	September	Total
17	68	109
340	562	1,348
176	238	690
147	206	549
323	494	1,239

CONTROLLED BY 18 CANALS FROM BOISE RIVER

PERIOD FROM 1916

1926	1927	1928	1929
.33	5.29	5.30	4.84
.90	3.89	3.52	3.38
.37		5.00	4.50
.54		6.00	5.69
.23	6.00		3.37
.10	6.30		
	6.57		
	7.50		

.00	
.37	
.45	3.37
.65	3.40
.47	2.64

.01	
.74	5.29

BOISE VALLEY CANALS AND ACREAGE

Board of Control (New York)

New York Irrig. District....	17,763	Canyon County.....	3,790 acres
Boise-Kuna Irrig. District..	48,458	Warm Springs Slough....	461 "
Nampa-Meridian Irrig. Dist..	40,193	Joplin Ditch.....	103 "
Wilder Irrig. District.....	56,622	Conway & Hamming.....	285 "
Big Bend Irrig. District....	1,725	Thos. Aiken.....	260 "
TOTAL Board of Control	164,761 acres	Catlin & Mace.....	536 "
Ridenbaugh.....	27,000 "	Hart & Davis.....	550 "
Rein & Keoh.....	50 "	Graham & Gilbert.....	220 "
Bahler.....	80 "	Seven Suckers.....	52 "
Bubb.....	745 "	Pioneer Irrigation Dist	34,500 "
Meeves.....	90 "	Eureka Water Co.....	1,666 "
Rossi Mill.....	500 "	Franklin & Mason Creek.	4,010 "
Manville-Leonard.....	175 "	Farmers Co-operative...	15,500 "
Settlers.....	12,300 "	Canyon Ditch Co.....	802 "
Davis.....	770 "	Siebenberg Co-op.....	646 "
Thurman Mill.....	1,858 "	Riverside Irrig. Dist..	10,645 "
Cruzen.....	2,500 "	Pioneer Dixie.....	2,015 "
Boise City.....	1,903 "	Eureka Ditch Co.....	2,595 "
Farmer's Union.....	8,300 "	Upper Center Point.....	621 "
Boise Valley.....	2,729 "	Lower Center Point.....	845 "
Capital View.....	600 "	Bowman & Swisher.....	464 "
New Union.....	688 "	Marmom.....	908 "
New Dry Creek.....	2,720 "	Haas.....	427 "
Ballantine.....	700 "	Andrews.....	1,810 "
Middleton Water.....	5,704 "	Stockton.....	396 "
Middleton Mill Ditch Co.....	4,400 "	Niel Odonnell.....	60 "
Little Pioneer.....	1,286 "	Island High Line.....	1,000 "
		TOTAL	325,026 "

DRAINAGE WATER (not diverted from Boise River)

Black Canyon Irrigation Dist.....	6,500 acres
Caldwell Irrigation District.....	850 "
Moreland & Vail (Dixie Drain).....	640 "
	7,990 "
	333,016 "

GRAND TOTAL

This acreage is based, in some instances, upon actual surveys and in other cases upon the acreage as determined at the time of the Stewart Decree and is the best information available at the present time. (February 14, 1941)

Ridenbaugh represents old lands within the Nampa and Meridian Irrigation District that are watered by the old Ridenbaugh water rights in the Stewart Decree. The balance of the Nampa and Meridian Irrigation District lands are included under the Board of Control.

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

1940

	Acre Feet Diverted	Acres Irrigated	Acre Feet Per Acre Diverted	1922	1923
*Board of Control M.C.#2	721,850	164,761	4.38	4.82	5.44
Penitentiary	1,746	429	4.07	3.98	3.87
Bubb	3,918	745	5.26	5.5	12
Ridenbaugh	148,658	27,000	5.51	5.6	
Settlers	40,520	12,300	3.29	6.14	
Thurman	9,632	1,858	5.18	6.75	
Consumers	6,826	2,500	2.73		
Boise City	9,114	1,903	4.79		
Farmers Union & Wise	29,636	8,900	3.33		
Boise Valley	16,274	2,729	5.96		
New Union	3,904	688	5.67		
New Dry Creek	14,502	2,720	5.33		
Ballantine	3,562	700	5.09		
Middleton Irrigation Assoc.	33,620	5,704	5.89		
Middleton Mill	15,640	4,400	3.56		
Little Pioneer	7,044	1,286	5.48		
Canyon County	17,878	3,790	4.72		
7 Eagle Island Canals	10,256	2,363	4.34		
Phyllis	92,608	23,500	3.94		
Eureka No. 1	7,576	1,666	4.55	6.1	
Caldwell High Line	20,974	4,010	5.23	5.27	
Farmers Coop.	69,200	15,500	4.46	2.84	
Canyon (Campbell)	3,824	802	4.77	4.03	
Siebenberg	2,862	646	4.43		
Riverside No. 2	47,128	10,645	4.43		
Pioneer Dixie	12,184	2,015	6.05		
Eureka No. 2	15,416	2,595	5.94		
Upper Center Point	3,538	621	5.70		
Lower Center Point	4,596	845	5.44		
Miscellaneous	6,856	1,493	4.59		
Total	1,381,342	309,114	4.47		

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

4.96

TABLE 8

Canal	1916	1917	1918	1919	1920	1921	1922	1923
Ridenbaugh	414	3.38	4.49	4.47	4.27	5.15	4.82	5.18
Settlers	331	2.64	2.89	3.02	3.33	3.93	3.98	3.06
Farmers Union	432	3.46	4.55	3.61	3.83	5.71	5.55	6.13
Boise Valley	474	2.37	4.17	4.87	5.03	5.18	5.65	6.23
New Dry Creek	460	3.85	3.93	4.51	5.14	5.88	6.14	6.23
Ballantine	347	3.03	4.32	6.16	5.00	4.25	6.75	7.33
Middleton Water	375	2.78	4.57	3.68	4.27	4.95	5.44	5.18
Middleton Mill	465	4.83	4.70	4.65	4.71	4.65	7.45	8.23
Phyllis	495	5.12	4.92	4.94	4.74	5.25	5.26	5.69
Little Pioneer	515	4.25	4.59	4.64	5.29	4.53	5.17	6.13
Canyon County	476	3.74	4.23	4.02	3.79	6.30	6.15	6.01
Farmers Coop.	558	4.49	5.48	4.36	5.45	6.00	5.27	5.76
Canyon (Campbell)	334	3.25	2.94	2.68	2.68	3.60	2.84	3.80
Siebenberg	468	3.59	4.47	4.21	4.45	4.57	4.03	4.68
Pioneer Dixie	176	1.42	1.77	1.75	1.56	2.34	1.59	3.06
Eureka No. 2	415	3.58	4.36	4.79	5.21	5.53	5.25	6.40
Upper Center Point	513	3.69	4.75	5.15	4.58	4.48	5.46	5.56
Lower Center Point	141	1.18	1.94	1.57	2.50	1.57	1.36	2.18
Total	4.33	3.84	4.35	4.15	4.32	5.09	4.96	5.45

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

1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
4.27	5.15	4.82	5.44	3.51	5.43	4.33	5.29	5.30	4.84	5.15
3.33	3.93	3.98	3.87	2.55	4.30	2.90	3.89	3.52	3.38	2.85
3.83	5.71	5.55	6.12	3.42	6.27	3.37	5.97	5.16	4.50	4.15
5.03	5.18	5.65	6.28	5.20	4.66	5.54	6.01	6.15	5.69	6.15
5.14	5.88	6.14	6.22	4.49	6.78	5.23	6.74	6.55	5.87	6.15
5.00	4.25	6.75	7.31	5.22	4.46	6.10	6.33	6.18	5.85	5.15
4.27	4.95	5.44	5.18	4.58	6.08	4.20	6.57	4.80	3.79	4.15
4.71	4.65	7.45	8.23	4.28	8.64	4.40	7.50	6.09	5.56	5.25
4.74	5.25	5.26	5.69	2.78	5.71	3.20	5.25	5.17	4.36	4.95
5.29	4.53	5.17	6.13	4.98	7.32	5.93	5.79	6.99	6.80	6.65
3.79	6.30	6.15	6.01	4.99	5.20	5.00	5.73	5.01	4.78	5.00
5.45	6.00	5.27	5.76	2.55	5.75	3.37	5.92	5.11	4.45	5.48
2.68	3.60	2.84	3.80	2.57	3.24	2.45	3.37	3.85	2.78	3.27
4.45	4.57	4.03	4.68	2.75	4.05	3.65	3.40	3.72	3.36	3.95
1.56	2.34	1.59	3.06	2.59	2.83	2.47	2.64	3.71	2.80	3.02
5.21	5.53	5.25	6.40	4.94	4.60	4.71	4.68	4.81	3.95	4.68
4.58	4.48	5.46	5.56	5.03	3.88	3.63	2.83	4.33	3.97	4.64
2.50	1.57	1.36	2.18	2.32	1.94	2.01	1.71	6.17	2.31	2.00
4.32	5.09	4.96	5.45	3.33	5.44	3.74	5.29	5.03	4.44	4.80

BOISE RIVER

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
8	4.84	5.16	4.10	5.78	5.67	5.06	5.00	5.49	4.36	5.90
10	3.38	2.89	2.41	3.80	3.66	2.78	3.50	3.56	2.97	3.91
16	4.50	4.86	3.35	4.33	4.38	4.05	3.61	3.60	3.53	4.35
15	5.69	6.23	5.72	5.59	5.74	6.04	5.11	5.88	5.88	6.44
55	5.87	6.30	4.36	5.71	6.48	5.07	6.38	5.92	5.01	6.56
18	5.85	5.78	5.05	7.53	5.94	6.51	5.03	4.84	4.70	5.02
80	3.79	4.55	4.07	4.05	3.51	4.09	3.64	3.99	4.61	5.47
09	5.56	5.29	4.15	6.34	7.04	5.09	4.78	5.06	3.41	4.00
17	4.36	4.96	2.96	5.05	5.01	3.87	4.16	4.26	3.55	4.72
99	6.80	6.67	5.92	6.21	7.14	6.81	6.98	6.55	6.84	7.59
01	4.78	5.00	4.52	5.05	5.24	5.40	5.42	4.72	4.80	4.96
11	4.45	5.48	3.17	5.50	5.08	3.89	4.93	4.72	4.53	6.04
85	2.78	3.27	2.86	2.97	3.53	2.59	5.38	5.65	5.34	7.17
72	3.36	3.95	3.27	3.16	4.49	3.24	5.02	3.98	4.11	4.12
71	2.80	3.02	2.76	2.45	2.57	3.31	3.94	4.39	4.01	5.17
81	3.95	4.68	3.95	3.99	4.46	4.94	4.85	3.91	4.19	5.24
33	3.97	4.64	4.19	4.67	4.17	3.60	4.87	4.16	4.33	3.95
6.17	2.31	2.00	2.37	2.12	2.14	3.03	3.56	1.93	3.02	2.88
5.03	4.44	4.80	3.52	4.96	4.90	4.23	4.56	4.72	4.06	5.21

Chart NO. 14

1932	1933	1934	1935	1936	1937	1938	1939	1940
5.78	5.67	5.06	5.00	5.49	4.36	5.90	5.47	5.51
3.80	3.66	2.78	3.50	3.56	2.97	3.91	3.52	3.29
4.33	4.38	4.05	3.61	3.60	3.53	4.35	4.17	3.33
8.59	5.74	6.04	5.11	5.88	5.88	6.44	6.46	5.96
5.71	6.48	5.07	6.38	5.92	5.01	6.56	5.61	5.33
7.53	5.94	6.51	5.03	4.84	4.70	5.02	5.28	5.09
4.05	3.51	4.09	3.64	3.99	4.61	5.47	5.52	5.89
6.34	7.04	5.09	4.78	5.06	3.41	4.00	3.42	3.56
5.05	5.01	3.87	4.16	4.26	3.55	4.72	4.17	3.94
6.21	7.14	6.81	6.98	6.55	6.84	7.59	6.47	5.48
5.05	5.24	5.40	5.42	4.72	4.80	4.96	5.27	4.72
5.50	5.08	3.89	4.93	4.72	4.53	6.04	4.45	4.46
2.97	3.53	2.59	5.38	5.65	5.34	7.17	7.94	4.77
3.16	4.49	3.24	5.02	3.98	4.11	4.12	5.05	4.43
2.45	2.57	3.31	3.94	4.39	4.01	5.17	6.57	6.05
3.99	4.46	4.94	4.85	3.91	4.19	5.24	5.88	5.94
4.67	4.17	3.60	4.87	4.16	4.33	3.95	5.59	5.70
2.12	2.14	3.03	3.56	1.93	3.02	2.88	4.67	5.44
4.96	4.90	4.23	4.56	4.72	4.06	5.21	4.76	4.58

Decred. Inches	Ts
37.90	
38	
30	
130	
25	
18	
55.5	
300.	
10	
220	
115	
80	
22	
23	
110	
80	
36	
52	
2655	
10,000	
2,812	
13,428	670
2,125	
1666	5
170	
1860	
1380	80
500	
1000	
2500	
2125	
7722	317
500	
777	
805	280
25	
671	
25	129
1000	
2000	
4000	
6000	
5500	
180	
36	
25	
20	
1000	
3100	
885	294.3

BEGINNING 1916

[illegible]

1916

Acre Feet Diverted										
1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
30380	13574	63910	35312	29258	44744	97480	27234	32734	19306	33244
139664	127630	114192	135124	124554	123594	127234	135380	144266	139962	127544
128168	119852	125390	97806	128286	137198	100320	129017	113914	120658	130644
115496	103810	98520	59454	120818	108706	71736	102937	99646	92842	123444
83036	72406	76562	36398	87472	80802	45442	75411	71296	63396	101834
70006	58590	61944	32244	68098	58160	34896	55207	70204	35322	87724
566750	498862	540518	396338	558486	553204	477108	525186	532060	471486	604374

Acres Feet Diverted Per Acre										
.27	.12	.57	.31	.26	.40	.86	.24	.29	.17	.27
1.24	1.15	1.01	1.20	1.11	1.10	1.13	1.18	1.28	1.24	1.10
1.14	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
.73	.65	.68	.32	.78	.72	.40	.65	.63	.56	.87
.62	.52	.55	.29	.60	.51	.31	.48	.63	.32	.76
5.03	4.44	4.80	3.52	4.96	4.90	4.23	4.56	4.72	4.18	5.21

Rate in Miners Inches Per Acre Diverted										
.22	.10	.47	.25	.21	.33	.72	.20	.24	.14	.24
1.02	.94	.84	.99	.92	.92	.94	.99	1.07	1.03	.92
.94	.87	.92	.71	.95	1.02	.74	.94	.84	.88	.94
.85	.76	.73	.44	.89	.79	.53	.75	.73	.68	.88
.60	.53	.57	.26	.65	.60	.33	.54	.52	.46	.72
.51	.42	.46	.24	.50	.42	.26	.40	.52	.26	.63
.69	.60	.66	.48	.69	.68	.59	.64	.65	.58	.72

[illegible]

Chart No. 15

Acre Feet Diverted

1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
35312	29258	44744	97480	27234	32734	19306	33230	86,412	41,376
35124	124554	123594	127234	135380	144266	139962	127512	149,266	149,934
97806	128286	137198	100320	129017	113914	120658	130646	116,346	129,186
59454	120818	108706	71736	102937	99646	92842	123436	85,122	90,458
36398	87472	80802	45442	75411	71296	63396	101832	67,000	75,504
32244	68098	58160	34896	55207	70204	35322	87722	47,792	45,104
96338	558486	553204	477108	525186	532060	471486	604378	582,008	531,562

Acre Feet Diverted Per Acre

.31	.26	.40	.86	.24	.29	.17	.29	.77	.36
1.20	1.11	1.10	1.13	1.18	1.28	1.24	1.10	1.33	1.29
.87	1.14	1.22	.89	1.12	1.01	1.07	1.13	1.03	1.11
.53	1.07	.95	.64	.89	.88	.82	1.06	.76	.78
.32	.78	.72	.40	.65	.63	.56	.87	.59	.65
.29	.60	.51	.31	.48	.63	.32	.76	.42	.39
3.52	4.96	4.90	4.23	4.56	4.72	4.18	5.21	4.90	4.58

Rate in Miners Inches Per Acre Diverted

.25	.21	.33	.72	.20	.24	.14	.24	.64	.30
.99	.92	.92	.94	.99	1.07	1.03	.92	1.10	1.07
.71	.95	1.02	.74	.94	.84	.88	.94	.86	.93
.44	.89	.79	.53	.75	.73	.68	.88	.63	.65
.26	.65	.60	.33	.54	.52	.46	.72	.49	.54
.24	.50	.42	.26	.40	.52	.26	.63	.35	.32
.48	.69	.68	.59	.64	.65	.58	.72	.68	.65

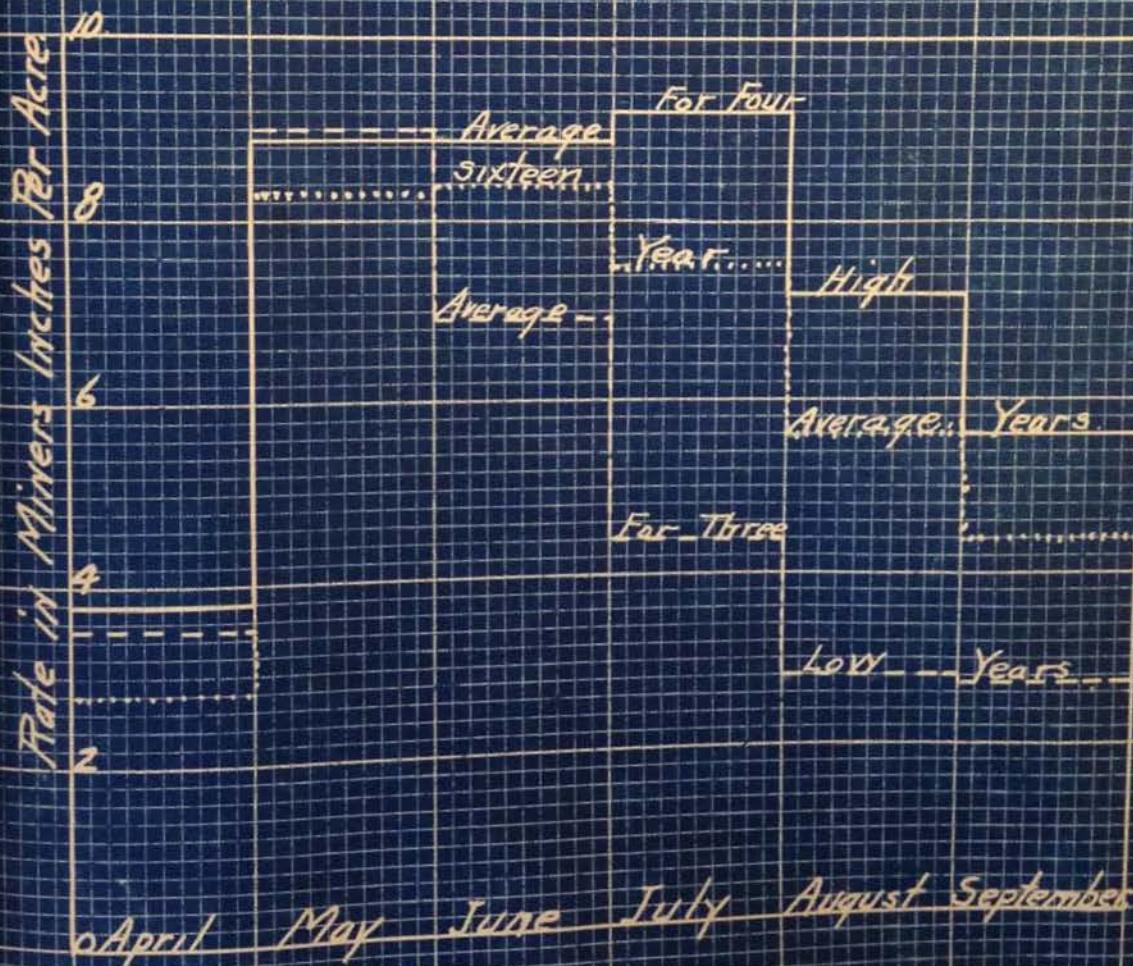
Percent During Each Month

[illegible]

Chart 16.

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

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



TOTAL MONTHLY DIVERSIONS IN ACRE
CANALS IN DRAINAGE DISTRICT NO. 2 FO

IRRIGATION SEASON 1940

Canals	April	May	June	July	August	September
Farmers Union and Wise	1,522	8,222	8,924	5,504	4,326	1,
Boise Valley	1,030	4,272	3,662	2,830	2,454	2,
New Dry Creek	288	3,876	3,614	2,812	2,398	1,5
New Union	64	858	934	784	790	4
Ballantine	40	1,228	804	756	578	1
Little Pioneer	0	1,762	1,948	1,588	1,364	3
Middleton Irrigation Assoc.	4,068	11,366	7,780	4,404	3,950	2,05
Middleton Mill	1,450	5,200	3,750	2,182	1,630	1,42
Canyon County	1,392	4,838	4,040	3,122	2,698	1,79
Totals	9,854	41,622	35,456	23,982	20,188	10,95

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

SEASON OF 1940

Drains	April	May	June	July	August	September
Eagle Drain	1,300	2,686	3,074	2,646	2,486	2,540
Star Feeder	300	1,952	2,212	2,748	2,118	2,056
Watts Check	300	2,198	1,904	1,562	1,634	1,398
Long Feeder	112	742	854	992	706	480
South Middleton Drain	2,338	5,734	3,794	1,944	1,264	3,176
North Middleton Drain	2,602	2,008	2,192	1,124	814	2,334
Hartley Drain	156	828	1,182	1,064	800	476
Totals	7,108	16,148	15,212	12,080	9,822	12,510

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

IRRIGATION SEASON 1940

May	June	July	August	September	Total
8,222	8,924	5,504	4,326	1,138	29,636
4,272	3,662	2,830	2,454	2,026	16,274
3,876	3,614	2,812	2,398	1,514	14,502
858	934	784	790	474	3,904
1,228	804	756	578	156	3,562
1,762	1,948	1,588	1,364	382	7,044
11,366	7,780	4,404	3,950	2,052	33,620
5,200	3,750	2,182	1,630	1,428	15,640
4,838	4,040	3,122	2,698	1,788	17,878
41,622	35,456	23,982	20,188	10,958	142,060

SUMMARY TABLE

Year	Canal Diversions	District
1922	6.38	
1923	6.95	
1924	5.03	
1925	6.21	
1926	4.92	
1927	6.28	
1928	6.08	
1929	5.46	
1930	5.97	
1931	5.06	
1932	5.73	
1933	5.09	
1934	4.59	
1935	4.88	
1936	4.86	
1937	4.75	
1938	5.40	
1939	5.26	
1940	4.90	

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

SEASON OF 1940

May	June	July	August	September	Total
2,686	3,074	2,646	2,486	2,540	14,732
1,952	2,212	2,748	2,118	2,056	11,386
2,198	1,904	1,562	1,634	1,398	8,996
742	854	992	706	480	3,886
5,734	3,794	1,944	1,264	3,176	18,250
2,008	2,192	1,124	814	2,394	11,124
828	1,182	1,064	800	476	4,506
16,148	15,212	12,080	9,822	12,510	72,880

Chart No. 17

IONS IN ACRE FEET, OF
DISTRICT NO. 2 FOR 29,000 ACRES
IN SEASON 1940

August	September	Total
326	1,138	29,636
454	2,026	16,274
388	1,514	14,502
700	474	3,804
578	156	3,562
1,364	382	7,044
3,950	2,052	33,620
1,630	1,428	15,640
2,688	1,788	17,878
20,188	10,952	142,060

FLOW, IN ACRE FEET,
DRAINAGE DISTRICT NO. 2
OF 1940

August	September	Total
2,486	2,540	14,732
2,118	2,056	11,386
1,634	1,388	8,996
706	480	3,886
1,264	2,176	16,250
614	2,334	11,124
800	476	4,506
8,222	12,810	72,880

SUMMARY TABLE

Year	Canal Diversions	Drain Discharge	Used, Retained and winter run- off
1922	6.38	2.90	3.48
1923	6.95	2.99	3.96
1924	5.03	2.59	2.44
1925	6.21	2.42	3.79
1926	4.92	1.97	2.95
1927	6.28	2.62	3.66
1928	6.08	2.78	3.30
1929	5.46	2.27	3.19
1930	5.97	2.61	3.36
1931	5.06	1.99	3.07
1932	5.75	2.56	3.37
1933	5.09	2.36	3.73
1934	4.59	2.41	2.18
1935	4.88	2.27	2.61
1936	4.86	2.55	2.31
1937	4.75	2.37	2.38
1938	5.40	2.84	2.56
1939	5.26	2.32	2.94
1940	4.90	2.61	2.29

1935

212

815

1204

669

504

505

652

1935

257

201

197

218

1935

412

305

308

341

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

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

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

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

RETURN FLOW TO ENTIRE RIVER

1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
1093	822	441	1075	903	650	412	681	304	711	839	467	274	336	42
1247	1008	629	1475	741	1228	644	350	638	860	983	600	758	670	1823
1281	1048	817	880	963	1200	594	1123	588	946	1140	1077	869	694	1243
756	598	697	888	836	877	372	935	412	902	706	538	673	386	980
785	558	630	811	713	800	341	799	376	728	552	483	626	345	555
938	549	596	814	618	863	311	880	496	839	698	571	658	384	581
1011	763	635	990	795	739	446	794	469	831	820	623	643	469	934

RETURN FLOW TO SECTION ONE

1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
227	252			242		243		214		222	137	260	158	336
270	233	203	285	239	286	180	328	137		187	170	230	157	183
263	248	118	267	180	344	176	323	144	272	257	184	262	167	183
260	242	178	281	213	315	134	325	209	247	222	164	251	161	234

RETURN FLOW TO SECTION TWO

[illegible]

SECOND FEET
BOISE RIVER.

WHITE RIVER

1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
711	839	467	274	336	423	488	348	212	185	357	593	259	607
860	983	600	758	670	1825	1300	724	815	976	685	1355	956	955
946	1140	1077	869	694	1243	929	839	1204	1147	987	1373	875	879
902	706	538	673	386	980	658	515	669	735	598	1213	605	637
728	552	483	626	345	555	551	374	504	589	464	753	505	535
839	698	571	658	384	581	540	454	505	713	473	823	660	716
831	820	623	643	469	934	744	542	652	725	594	1018	643	721

SECTION ONE

1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
	222	137	260	158	336	216	204	257	343	273			213
272	187	170	230	157	183	247	110	201	294	185	242	246	212
247	257	184	262	167	183	177	168	197	377	168	233	249	222
260	222	164	251	161	234	213	161	218	338	208	238	239	216

SECTION TWO

1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
	459	398	414	228	623	409	314	412	438	326		358	422
	365	313	395	188	372	325	264	305	329	280	511	281	323
455	365	313	395	217	398	361	286	308	376	305	590	411	494
592	442	412	396	217									
524	422	374	401	211	464	365	288	341	381	303	550	350	413

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS
IN DRAINAGE DISTRICT NO. 3 FOR 4200 ACRES
SEASON OF 1940

	April	May	June	July	August	September	Total
Average Daily Flow in Second Feet	7.3	11.2	15.2	13.8	11.0	11.4	11.0
Total Monthly Flow in Acre Feet	438.0	696.0	912.0	856.0	680.0	686.0	4268.0
Acre Feet Per Acre	.10	.17	.22	.20	.16	.16	1.0

TABLE SHOWING TOTAL DISCHARGE OF DRAINAGE CANALS
IN DRAINAGE DISTRICT NO. 4 FOR 2500 ACRES
SEASON OF 1940

	April	May	June	July	August	September	Total
Average Daily Flows in Second Feet	11.0	14.0	15.9	17.8	19.5	18.7	16.1
Total Monthly Flow in Acre Feet	660.0	870.0	956.0	1106.0	1210.0	1122.0	5924.0
Acre Feet Per Acre	.26	.35	.38	.44	.48	.45	2.36

W
W
ce

W
W
ce

OWS
flow
re

OWS
flow
re

REVISED AREA AND CAPACITY TABLE FOR ARROWROCK RESERVOIR

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

Elev.	Storage in Acre Feet	Tabular Differ- ence	Elev.	Storage in Acre Feet	Tabular Differ- ence	Area Sec. 1
			3001	1250	90	.80
			2	1340	90	.54
			3	1440	100	1.40
			4	1540	100	.80
			5	1640	100	.54
			3006	1740	100	.816
			7	1850	110	.356
			8	1960	110	1.60
			9	2060	120	1.60
			10	2210	130	.40
			3011	2340	130	.203
			12	2470	130	.7506
			13	2610	140	.35
			14	2760	150	1.00
			15	2910	150	1.00
			3016	3070	160	3.674
			17	3240	170	.80
			18	3420	180	.80
			19	3600	180	1.76
2974	0		20	3800	200	.72
75	20	20	2021	4000	200	.10
2976	40	20	22	4200	200	.40
77	60	20	23	4400	200	1.60
78	80	20	24	4600	200	.34
79	100	20	25	4800	200	.80
80	120	20	3026	5010	210	1.30
2981	140	20	27	5220	210	.80
82	170	30	28	5430	210	1.60
83	200	30	29	5650	220	.34
84	230	30	30	5870	220	.80
85	270	40	3031	6090	220	1.30
2986	310	40	32	6310	220	2.30
87	350	40	33	6530	220	.60
88	400	50	34	6770	240	1.10
89	450	50	35	7010	240	3.00
90	500	50	3036	7250	240	7.00
2991	560	60	37	7490	240	10.00
92	620	60	38	7750	260	3.20
93	680	60	39	8010	260	6.00
94	740	60	40	8270	260	1.80
95	800	60	3041	8550	280	.54
2996	870	70	42	8850	300	1.00
97	940	70	43	9170	320	.84
98	1010	70	44	9510	340	
99	1080	70	45	9870	360	
1000	1160	80				

Chart 20-A

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

Elev.	Storage in Tabular	Differ- ence	Elev.	Storage in Tabular	Differ- ence
3046	10260	390	3091	39500	1000
47	10660	400	92	40500	1000
48	11070	410	93	41500	1000
49	11490	420	94	42500	1000
50	11920	430	95	43500	1000
3051	12360	440	3096	44600	1100
52	12810	450	97	45700	1100
53	13270	460	98	46800	1100
54	13740	470	99	47900	1100
55	14220	480	3100	49000	1100
3056	14710	490	3101	50200	1200
57	15210	500	2	51400	1200
58	15720	510	3	52600	1200
59	16240	520	4	53800	1200
60	16770	530	5	55000	1200
3061	17310	540	3106	56300	1300
62	17860	550	7	57600	1300
63	18420	560	8	58900	1300
64	18990	570	9	60200	1300
65	19570	580	10	61500	1300
3066	20170	600	3111	62800	1300
67	20790	620	12	64100	1300
68	21420	630	13	65400	1300
69	22070	650	14	66700	1300
70	22730	660	15	68000	1300
3071	23400	670	3116	69400	1400
72	24090	690	18	70800	1400
73	24790	700	19	72200	1400
74	25500	710	20	73600	1400
75	26220	720	3121	75000	1400
3076	26950	730	3122	76500	1500
77	27690	740	22	78000	1500
78	28450	760	23	79500	1500
79	29220	770	24	81000	1500
80	30000	780	25	82500	1500
3081	30800	800	3126	84100	1600
82	31600	800	28	87300	1600
83	32400	800	29	88900	1600
84	33200	800	30	90500	1600
85	34000	800	3131	92200	1700
3086	34900	900	32	93900	1700
87	35800	900	33	95600	1700
88	36700	900	34	97300	1700
89	37600	900	35	99000	1700
90	38500	900			

REVISED AREA AND CAPACITY TABLE FOR ARROWROCK RESERVOIR

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

Tabular	Storage	Elev.	in	Differ-	ence	Tabular	Storage	Elev.	in	Differ-	ence
3136	100700	1700	3181	191900	2400	3141	109300	1800	3186	204000	2500
37	102400	1700	82	194300	2400	38	104100	1700	83	196700	2400
39	105800	1700	84	199100	2400	40	107500	1700	85	201500	2400
42	111100	1800	87	206500	2500	43	112900	1800	88	209000	2500
44	114700	1800	89	211500	2500	45	116500	1800	90	214000	2500
3146	118400	1900	3191	216600	2600	47	120300	1900	92	219200	2600
48	122200	1900	93	221800	2600	49	124100	1900	94	224400	2600
50	126000	1900	95	227000	2600	3151	128000	2000	3196	229600	2600
52	130000	2000	97	232200	2600	53	132000	2000	98	234800	2600
54	134000	2000	99	237400	2600	55	136000	2000	3201	242800	2800
3156	138000	2000	2	245600	2800	57	140000	2000	3	248400	2800
58	142000	2000	4	251200	2800	59	144000	2000	5	254000	2800
60	146000	2100	3206	256900	2900	62	150200	2100	8	262700	2900
63	152300	2100	9	265600	2900	64	154400	2100	10	268500	2900
65	156500	2100	3211	271500	3000	67	160700	2100	12	274500	3000
68	162800	2100	13	277500	3000	69	164900	2100	14	280500	3000
70	167000	2200	15	285000	3000	3166	158600	2100	12	274500	3000
72	171400	2200	3018	C. L. of Lower Valves		73	173600	2200	3105	C. L. of Upper Valves	
74	175800	2200	3205	Crest of Spillway Weir		75	178000	2300	3211	Top of Movable Crest	
3176	180300	2300				77	182600	2300			
78	184900	2300				79	187200	2300			
80	189500	2300									

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

1.00
.50
1.80
6.00
3.20
10.00
7.00
3.00
1.10
.60
2.30
1.30
.80
.34
1.60
.80
1.60
.40
.10
.72
1.76
.80
80
3.674
1.00
1.00
.35
.750
.20
.40
1.60
1.60
.35
.81
.54
.80
1.4
.5
.10
Se

ADDITIONAL DECREES BOISE RIVER.

Interrenors "Stewart Decree."

Number	Date	Name	Canal	Sec. Ft.
66A	4-1-1878	J.S. Kraus		80
129A	4-1-1897	H.E. Plain		54
66C	4-1-1878	J.W. Kolaender	Dry Creek.	140
66D	4-1-1878	M.T. Griffith	Ballantine	80
73A	4-1-1880	Goble + Sonner	Ballantine	54
75A	6-1-1880	C.B. Frank	Dry Creek	816
136	5-1-1906	H.E. Wymer	Dry Creek	1356
85A	6-1-1882	Leo Marsters	Ballantine	160
137	5-1-1909	B.P. Weaverling	Warm Springs	40
138	6-14-1912	Wesley A. Mace	Dry Creek	1203
85C	5-1-1883	Wm. Hucksba	Ballantine	17506
85D	5-1-1883	C.H. Schmeizer	Dry Creek	100
85E	5-1-1883	C.W. McCarty	Settlers	100
124A	5-1-1893	W.D. Charters	Bahler	3.674
85B	4-1-1883	Jacob Birmingham	Riverside Impd.	80
77A	4-15-1882	Roc. Helms		80
8A	4-1-1865	Adolph Bahler		176
47A	4-1-1870	Ralph T. Knight	Canyon County	176
35A	6-1-1867	Anna Spencer	Riverside Impd.	176
116A	6-1-1890	Willis B. Spencer		176
116B	6-1-1890	Rebecca Bell		176
116C	6-1-1890	Neil + Patrick O'Donnell		176
114A	5-1-1889	Gus A. Barth		176
114B	5-1-1889	Gus A. Barth		176
77A	6-1-1881	Charles J. Juries	Parma Ditch Co.	176
77C	6-1-1881	James Finlay		176
77D	6-1-1881	Lester J. Shipley		176
31A	6-1-1866	Wm. J. Lusser		176
31B	6-1-1866	Wm. J. Lusser		176
31C	6-1-1866	Wm. J. Lusser		176
71A	4-1-1879	Albert C. Boyer	Lawrence + Kennedy	176
137A	4-1-1910	Island Highline Ditch Co.		176
139	4-1-1915	Albert Lempert		176
75A	1880	Albert Lempert		176
29A	1865	Louise Stomanson	Lemp Ditch Eagle Island	176
8B	4-1-1865	First Nat. Bank of Idaho	Bubb	176
29B	1865	St. Hardies + Almelia Liskley		176
51A	1870			176
115-A	1889			176

ADDITIONAL DECREES BOISE RIVER.

Intervenor's "Stewart Decree."

Date	Name	Canal	Amount Decreed	Sec. Ft.	inches.	File No.
4-1-1878	J.S. Kraus		40.	80	40.	373
4-1-1878	H.E. Plain		27	54	27	373
4-1-1878	J.W. Kolander		70	140	70	373
4-1-1880	M.T. Griffith		40	80	40	373
4-1-1880	Goble + Sonner		27	54	27	373
5-1-1906	C.B. Frank		40.80	816	40.80	360
5-1-1883	H.E. Wymer		1780	356	1780	325
5-1-1909	B.P. Weaverling		80	160	80	324
6-14-1912	Wesley A. Mace		80	160	80	294
5-1-1883	Wm. Huckba		20	40	20	293
5-1-1883	C.H. Schmeizer		10.15	203	10.15	321
5-1-1883	C.W. McCurdy		37.53	7506	37.53	320
5-1893	W.D. Charters		1750	35	1750	319
4-1-1883	Jacob Bingham		50.	100	50.	318
4-15-1882	Hoc Helms		50.	100	50.	317
4-1-1865	Adolph Bahler		183.70	3674	183.70	295
4-1-1870	"		40	80	40	412
6-1-1867	Ralph Knight		40	80	40	412
6-1-1890	Anna Spencer		88.	176	88.	419
6-1-1890	Willis Spencer		36	72	36	12A Misc.
6-1-1890	Rebecca Bell		5	10	5	"
5-1-1889	Neil + Patricia O'Donnell		20	40	20	"
5-1-1889	Gus A. Barth		80	160	80	466
5-1-1889	Gus A. Barth		40	80	40	467
6-1-1881	Charles Juries		80	160	80	467
6-1-1881	James Finlay		17	34	17	467
6-1-1881	Lester Shipley		40	80	40	467
6-1-1886	Wm. W. Lusser		65	130	65	467
6-1-1866	Mary + Jerry Couzens		115	230	115	482
6-1-1866	Albert C. Boyer + Man		30	60	30	482
4-1-1879	Island Highline Ditch Co.		55	110	55	482
4-1-1919	"		150	300	150	491
4-1-1915	"		350	700	350	491
1880	Albert Lemp et al		500	1000	500	491
1865	Louise Stomsonson		160	320	160	496
4-1-1865	First Nat. Bank of Idaho		300	600	300	496
1865	St. Hardies + Armel + Isley		90	180	90	497
1870	"		25	50	25	498
1889	"		42	84	42	498

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DECREES

No. of Change of Point of D.	Point of Diversion	To.	Eureka No. 2	Date of Change	No.	Priority	Date	No. of Acres in	No. of Quantity
3	From.								
9				4-2-1912	96		10-1-87	80	
29				7-31-1912					
32				8-26-1918					
35				7-15-1919					
36				4-3-1919					
38				4-12-1918	35		6-1-67	160	
39				9-24-1915					
48				6-12-1918					
50				9-26-1918					
51				3-31-1920	19		6-1-65		
54				3-31-1920	20		6-1-65		
57				4-24-1920	35		6-1-67		
59				12-2-1920	65		6-1-77	35	
61				3-18-1921	31		6-1-66		
64				6-22-1921					
75				12-21-1921					
76				11-25-1924					
77				3-12-1925	85B		4-1-83		
83				4-26-1925	84		4-1-65	80	
84				4-29-1926			4-1-70		
85				5-9-1926	65		6-1-77		
91				5-7-1926					
103				6-23-1926	103				
126				10-3-1928					
127				3-25-1931			6-1-66	115	
131				8-15-1930			6-1-65	40	
140				4-23-1934	85D		9-9-83	35	
141				12-18-1934			5-1-83	3	
147				1-8-1936			6-1-67	10	
151				2-10-1937			5-1-93	6.75	
159				5-27-1939			6-1-65	5	

Chart 228

DIVISION OF DECREED RIGHTS ON BOISE RIVER.

Date	No of Acres	Quantity in Inches	By Whom	Remarks
10-1-87	80		Thos. T. Johnston.	
	50	50	Albert F. Clemmons	
			J. C. Hughes	
			Ed Davis	
6-1-67	160	100	Rebecca Bell	
		19	Draper & Others.	
		52	Shafer & Others.	
			George Rambo	
6-1-65		144	Jas. D. Ruark	To Indian Creek.
6-1-65		320	John S. Smisher	
6-1-67		55 1/2	Bird Bonnyman	
6-1-77	35	30	H. C. Dudley	Foot & Wiseman.
6-1-66		130	Edward McQuirk	
		33 1/2	W. Kennedy	
		10	Minnie Couzens.	
		25	Harry Seavey.	
4-1-83		50	Delneed & Co Bank.	
4-1-65	80	40	Jacob Bingham.	
4-1-70		40	Adolph Bahler.	
		36	" "	
6-1-77		40	Leo Marsters.	
		25	J. C. Ralph.	
		32 1/2	J. C. Bruce.	
		115	Ira E. Barber.	
6-1-66		40	Charles Jurries	Secretary.
6-1-65		35	Wm Musser.	
9-9-83		3	Wm Baxter.	
5-1-83			RE McGuire.	
7-19-12			Chas H Schaefer	
6-1-67			Fischer Power Only	Below Fairview Bridge
5-1-93		6.75	Cora McClifton.	
6-1-65		5	J. H. Cone.	
			Raymond T Breshears.	

only.

only.
only.

only.

Number of Transfer	Point of Diversion		Priority		Date of Transfer	Qua In
	From	To	No.	Date		
34	Settlers'	Settlers'				
34	Settlers'	Settlers'				
36	American Ditch Assn.	Pioneer Dixie	92	10-17-84	3-16-1909)	
38	American Ditch Assn.	Canyon Ditch Co.	122	6-1- 91	3-16-1909)	
45		Settlers'	96	10-1- 87	4-19-1909	1
46		Penitentiary	96	10-1- 87	9-1- 1909	60
47	American Ditch Assn.	Eureka No. 2	50	6-1- 66	2-5- 1910	1
48	American Ditch Assn.	Pioneer Dixie	96	10-1- 87	2-4- 1910	11
50	Settlers'	Eureka No. 2	96	10-1- 88	3-18-1910	147
62	Pioneer Dixie				3-31-1910	210
71	Upper Center Point				6-7- 1910	20
105	Siebenberg	Eureka No. 2	96	10-1- 87	11-14-1910	50
111	Pioneer Dixie	Canyon	24	6-1- 65	3-14-1911	40
111	Pioneer Dixie	Hillcrest	9	6-1- 65	9-18-1912	25
111	Pioneer Dixie	Hillcrest	96	10-1- 87	11-25-1912	60
136	Pioneer Dixie	Hillcrest	8	6-1- 64	11-25-1912)	1017
219	Jacobs	Farmer's Union	45	6-1- 69	11-25-1912)	
300	Middleton Mill		2	6-1- 64	6-8- 1914	1000
301	Middleton Mill	Dry Creek			7-15-1918	432
347	Middleton Mill	Dry Creek		4- 20	4-20-1921	17.5
349	Middleton Mill	Settlers'			4-20-1921	72
350	Middleton Mill	Settlers'	3	6-1- 64	2-6- 1925	7
357	Middleton Mill	Settlers'	3	6-1- 64	2-6- 1925	7
370	Boise City	Settlers'	3	6-1- 64	2-6- 1925	7
373	Boise City	Farmer's Union	65	6-1- 77	5- -1925	10
374	Middleton Water #1	Farmer's Union	33	6-1- 66	3-16-1926	56.2
375	Middleton Water	Farmer's Union	33	6-1- 66	4-26-1926	18.7
384	Middleton Water	Farmer's Union	65	6-1- 77	5-6- 1926	20
385	Middleton Water	Farmer's Union	65	6-1- 77	5-6- 1926	10
386	Middleton Water	Farmer's Union	65	6-1- 77	7-8- 1926	20
387	Middleton Water	Farmer's Union	65	6-1- 77	7-8- 1926	13.3
391	Middleton Mill	Farmer's Union	65	6-1- 77	7-8- 1926	20
392	Middleton Water	Ridenbaugh	65	6-1- 77	8-13-1926	7.5
393	Middleton Mill	Farmer's Union	3	6-1- 54)	8-21-1926	20
393	Middleton Mill	Farmer's Union	54	6-1- 61)	9-15-1926	14.4
393	Middleton Mill	Farmer's Union	120	6-1- 91)		
395	Middleton Water	Farmer's Union	65	6-1- 77	11-16-1926	25
412	Thurman	Settlers'		6-1- 82	12-2- 1927	20
430	Farmer's Union	Settlers'	65	6-1- 77	7-2- 1928	12.5
466	Ridenbaugh	New York	106	8-20-88	7-6- 1929	445
468	Settlers'	Settlers'	65	6-1- 77	7-12-1929	5
477	Settlers'	Settlers'		10-12-84	11-18-1929	10
483	Settlers'	Settlers'		10-13-84	4-7- 1930	3
512	Jacobs Canal	Farmer's Union	2	6-1- 64	5-27-1932	50
513	Jacobs Canal	Farmer's Union	2	6-1- 64	5-27-1932	25
530	Jacobs Ditch	Farmer's Union	1	6-1- 64	5-15-1934	15
542	Farmer's Union	Farmer's Union	2	6-1- 64	12-31-1934	34.37
595	Jacobs Canal	Nampa-Meridian	1	6-1- 64	9-9- 1938	15
595	Jacobs Canal	Settlers'	1	6-1- 64	9-9- 1938	15
608	Riverside	Pioneer Dixie	88	6-1- 83	4-29-1940	50

ERS OF DECREED 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	
9-1-1909	605	Wm. M. Messler	Change in point of diversion only.
2-5-1910	10	J. E. Moore	
2-4-1910	112	Barber Lumber Co.	
3-18-1910	1475	American Ditch Association	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	
9-18-1912	25	H. E. Meek	Change in point of diversion only.
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 Irrig. District	Licensed Right Indian Creek
4-20-1921	17.5	Emma M. Fowler	
4-20-1921	72	John F. Groome	
2-6-1925	7	C. E. White	
2-6-1925	7	Frank Weasel	
2-6-1925	7	Carl A. Gish	
5-1925	10	Nellie B. Whitaker	
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	J. A. Peterson	Formerly Middleton Water.
7-6-1929	445	W. H. Tuller	
7-12-1929	5	C. C. Wood	
11-18-1929	10	Chas. N. Walker	
4-7-1930	3	Frank P. Weasel	
5-27-1932	50	W. Scott Anderson	
5-27-1932	25	Farmers Union Ditch	
5-15-1934	15	A. B. Whitney	
12-31-1934	34.37	Federal Land Bank	
9-9-1938	15	Boise Trust Co.	Somermeir
9-9-1938	15	Boise Trust Co.	Falk
4-29-1940	50	W. F. Tracy	

STEWART DECREE.

No	Date	Name	Amt. Decreed		No	Date	Name	Amt. Decreed	
			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	
2	6-1-64	Jacobs Canal Co.	20.00	1000	47	6-1-69	T.W. Boone	3.50	
3	6-1-64	Middleton Mill Ditch	12.80	640	48	6-1-70	W.J. Hamming	2.60	
4	6-1-64	Thomas Andrews	3.30	165	49	6-1-70	Pioneer Canal	25.72	
5	6-1-64	Catlin & Maco	2.86	143	50	6-1-69	Barber Lumber Co.	2.24	
6	6-1-64	T.C. Catlin	3.30	165	51	6-1-70	Thomas Andrews	1.30	
7	6-1-64	C.C. Havard	3.30	165	52	6-1-71	Catlin & Maco	7.86	
8	6-1-64	Pioneer Dickey Ditch Co.	20.00	1000	53	6-1-71	Peter Meeres	1.80	
9	6-1-65	Seibenberg Ditch Co.	13.42	671	54	6-1-71	Middleton Mill Ditch Co.	33.70	16
10	6-1-65	Allen V. Webster	1.20	60	55	6-1-72	J.A. Varyan	.70	
11	6-1-65	J.F. Varyan	.66	33	56	6-1-72	J.F. Varyan	1.40	
12	6-1-65	Graham & Gilbert	4.40	220	57	6-1-72	Mary C. Davis	4.40	22
13	6-1-65	Eureka Water Co.	33.32	1666	58	6-1-72	Edward K. Hart	3.30	16
14	6-1-65	New Union Ditch Co.	13.76	688	59	6-1-74	J.W. Boone	2.20	110
15	6-1-65	Boise Valley Irrig. Ditch Co.	54.58	2729	60	6-1-75	Farmers Cooperative D. Co.	10.00	500
16	6-1-65	Ridenbaugh & Rossi	9.20	460	61	6-1-76	Edward & Mary Clark	2.30	115
17	6-1-65	Ridenbaugh & Rossi (Power)	265.80	13290	62	6-1-76	John Cecil	.44	22
18	6-1-65	Denver & Idaho Land Co.	.80	40	63	6-1-77	Thomas Atkins	5.20	260
19	6-1-65	Martha Bowman	2.88	144	64	6-1-77	W.H. Conway	.90	45
20	6-1-65	Bird Bowman	6.40	320	65	6-1-77	Middleton Water Co.	114.08	5704
21	6-1-65	G.W. Gess	2.90	145	66	7-1-77	Perrault & Johnson (Power)	200.00	10000
22	6-1-65	Robert McGuire	3.20	160	67	5-1-78	Nampa-Mendian Irrig. D.	170.00	8500
23	6-1-65	C.W. Cooper	3.20	160	68	6-1-78	John Mammion	4.20	210
24	6-1-65	J.W. Roland	2.40	120	69	6-1-78	Julia Mammion	3.36	168
25	6-1-65	Draper & Wells	3.94	197	70	6-1-78	Charles Allen	8.80	440
26	6-1-65	Thomas J. Palmer	1.60	80	71	6-1-78	R.H. Stockton	4.40	220
27	6-1-65	Noah W. Palmer	1.58	79	72	6-1-79	New Dry Creek Ditch Co.	31.32	1566
28	6-1-65	J.N. Tucker	7.00	350	73	6-1-79	D. Mumford	4.00	200
29	6-1-65	Thomas Andrews	6.00	300	74	6-1-80	Smith Stockton	1.76	88
30	5-1-66	J. Perrault & R. Johnson	50.00	2500	75	6-1-80	Isham Joplin	2.40	120
31	6-1-66	William P. Kennedy	2.60	130	76	10-20-80	Joseph Goble	.90	45
32	6-1-66	Manville and Leonard	3.50	175	77	10-29-80	Franklin Ditch Co.	27.60	1380
33	6-1-66	Boise City Canal Co.	38.06	1903	78	6-1-82	Allen V. Webster	.90	45
34	6-1-66	Franklin Ditch Co.	15.40	770	79	6-1-82	Susie Campbell	.60	30
35	6-1-67	Canyon Co. Water Co.	75.80	3790	80	6-1-82	J.T. Barber	1.60	80
36	6-1-68	Martha E. McCarthy	14.10	705	81	6-1-82	Sonora Joplin	3.40	170
37	6-1-68	H.D. & Dora Goodman	3.70	185	82	6-1-82	S.W. Hutchinson	.44	22
38	6-1-68	T.T. Johnson	3.20	160	83	6-1-82	Johnson	.44	22
39	6-1-68	Ross, Allen, Dickey & Ross	8.54	427	84	6-1-82	Andrew J. Joplin	2.86	143
40	6-1-68	S.S. Gray	1.40	70	85	6-1-82	James L. Graham	2.20	110
41	6-1-69	John Mammion	1.80	90	86	6-1-83	Farmers Cooperative Ditch	20.00	1000
42	6-1-69	Isaac Bedal	1.60	80	87	6-1-83	Francis M. Joplin	.90	45
43	6-1-69	Frederick Ode	3.60	180	88	6-1-83	W.R. Black	12.00	600
44	6-1-69	Prior Burnett	8.50	425	89	11-9-83	Eureka Ditch Co. No. 2	2.176	1085
45	6-1-69	Pioneer Ditch Ditch Co.	35.44	1772	90	6-1-84	Pioneer Ditch District	53.16	2658

• Indicates Rights supplied by return flow to River.

STEWART DECREE

No. Date Name Sect. Ft. Inches Amt. Decreed

42	6-1-69	Masson Creek Ditch Co.	37.20	1860	
47	6-1-69	T.W. Boone	3.50	175	
48	6-1-70	W.T. Hamming	2.60	130	
49	6-1-70	Pioneer Canal	25.72	1286	
50	6-1-69	Boyer Lumber Co.	2.24	112	
51	6-1-70	Thomas Andrews	1.30	65	
52	6-1-71	Carlton & Maco	7.86	393	
53	6-1-71	Peter Neer	1.80	90	
54	6-1-71	Middleton Mill Ditch Co.	33.70	1685	
55	6-1-72	J.F. Karyan	.70	35	
56	6-1-72	J.F. Karyan	1.40	70	
57	6-1-72	Mary C. Davis	4.40	220	
58	6-1-72	Edward N. Hart	3.30	165	
59	6-1-74	J.W. Boone	2.20	110	
60	6-1-75	Farmers Cooperative Ditch Co.	10.00	500	
61	6-1-76	Edward & Mary Clark	2.30	115	
62	6-1-76	John Cecil	.44	22	
63	6-1-77	Thomas H. Hens	5.20	260	
64	6-1-77	W.H. Conway	.90	45	
65	6-1-77	Middleton Ditch Co.	114.08	5704	
66	7-1-77	Peroville Johnson	200.00	10000	
67	5-1-78	Nampa-Middleton Irrig. Dist.	170.00	8500	
68	6-1-78	John Mamm	4.20	210	
69	6-1-78	Duke Mamm	3.36	168	
70	6-1-78	Charles Allen	8.90	440	
71	6-1-78	R.H. Stockton	4.40	220	
72	6-1-79	New Dry Creek Ditch Co.	31.32	1566	
73	6-1-79	D. Mumford	4.00	200	
74	6-1-80	Smith Stockton	1.76	88	
75	6-1-80	Libam Toplin	2.40	120	
76	10-20-80	Joseph Goble	.90	45	
77	10-29-80	Franklin Ditch Co.	27.60	1380	
78	6-1-82	Allen Webster	.60	30	
79	6-1-82	Susie Campbell	1.60	80	
80	6-1-82	J.T. Barber	3.40	170	
81	6-1-82	Sonora Toplin	.44	22	
82	6-1-82	S.W. Hutchinson	.44	22	
83	6-1-82	Johnson	2.86	143	
84	6-1-82	Andrew J. Toplin	2.20	110	
85	6-1-82	James L. Greham	20.00	1000	
86	6-1-83	Farmers Cooperative Ditch Co.	.90	45	
87	6-1-83	Francis M. Toplin	12.00	600	
88	6-1-83	W.H. Black	2.170	1085	
89	9-8-83	Eureka Ditch Co. No. 2	53.10	2655	
90	6-1-84	Boyer Lumber Co.	2.24	112	
91	6-1-84	Riveride Irrig. Dist.	20.00	1000	
92	10-17-84	Selfers Canal Co.	99.06	4953	
93	6-1-86	New Dry Creek Ditch	15.22	761	
94	6-1-86	Thomas Davis	13.40	670	
95	1-23-87	Wm. L. E. Young	4.00	200	
96	10-1-87	American Ditch Assoc.	47.80	2390	
97	6-1-88	New Dry Creek Ditch Co.	7.86	393	
98	6-1-88	H.R. Linder	4.00	200	
99	6-1-88	Lori Smith	1.30	65	
100	6-1-88	Charlotte Calhoun	1.40	70	
101	6-1-88	Ed. J. Linder	1.46	73	
102	6-1-88	Lizze Everett	1.20	60	
103	6-1-88	Jessie Wilson	1.40	70	
104	6-1-88	Thomas Andrews	.90	45	
105	7-1-88	Farmers Coop. Ditch Co.	50.00	2500	
106	8-20-88	Nampa-Middleton Irrig. Dist.	370.84	18542	
107	5-1-89	Chas. S. Miller	.06	3	
108	5-1-89	Lomax & Hoseney	.02	1	
109	5-1-89	Sgt. Usher B.C. Taylor	2.40	120	
110	5-1-89	South Boise Mutual Irrig. Co.	6.20	300	
111	5-1-89	Estate of J.H. Gallagher	2.94	147	
112	5-1-89	Rina H. Fogarty	.05	2	
113	5-1-89	Grace Carl	.10	5	
114	5-1-89	Samm H. Canfield	.03	1	
115	6-1-89	Sonora Toplin	.06	3	
116	6-1-89	Sonora Toplin	1.20	60	
117	9-1-90	Pinker Irrig. District	200.00	10000	
118	6-1-91	W.H. Conway	2.20	110	
119	6-1-91	Thomas Davis	.54	27	
120	6-1-91	Middleton Mill Ditch Co.	17.00	850	
121	6-1-91	Thomas Andrews	3.50	175	
122	6-1-91	Selfers Canal Co.	73.44	3672	
123	6-1-91	Thomas H. Hens	.80	40	
124	5-1-93	Riveride Irrig. District	80.00	4000	
125	6-1-94	R.H. Stockton	1.76	88	
126	7-2-94	Farmers Union Ditch Co.	110.00	5500	
127	5-1-95	Charles Hens & Tennant	1.00	50	
128	7-1-95	Matthew Casey	.66	33	
129	7-1-96	Farmers Coop. Ditch Co.	83.50	4175	
130	10-1-99	Riveride Irrig. District	20.00	1000	
131	3-23-00	New York Canal Co.	219.10	10955	
132	5-17-00	Canyon Ditch Co.	10.00	500	
133	6-1-01	Riveride Irrig. District	5.54	277	
134	10-25-01	Canyon Ditch Co.	56.34	2817	

* Indicates Rights supplied by return flow to River.

No. Date Name Sect. Ft. Inches Amt. Decreed

91	6-1-84	Riveride Irrig. Dist.	20.00	1000	
92	10-17-84	Selfers Canal Co.	99.06	4953	
93	6-1-86	New Dry Creek Ditch	15.22	761	
94	6-1-86	Thomas Davis	13.40	670	
95	1-23-87	Wm. L. E. Young	4.00	200	
96	10-1-87	American Ditch Assoc.	47.80	2390	
97	6-1-88	New Dry Creek Ditch Co.	7.86	393	
98	6-1-88	H.R. Linder	4.00	200	
99	6-1-88	Lori Smith	1.30	65	
100	6-1-88	Charlotte Calhoun	1.40	70	
101	6-1-88	Ed. J. Linder	1.46	73	
102	6-1-88	Lizze Everett	1.20	60	
103	6-1-88	Jessie Wilson	1.40	70	
104	6-1-88	Thomas Andrews	.90	45	
105	7-1-88	Farmers Coop. Ditch Co.	50.00	2500	
106	8-20-88	Nampa-Middleton Irrig. Dist.	370.84	18542	
107	5-1-89	Chas. S. Miller	.06	3	
108	5-1-89	Lomax & Hoseney	.02	1	
109	5-1-89	Sgt. Usher B.C. Taylor	2.40	120	
110	5-1-89	South Boise Mutual Irrig. Co.	6.20	300	
111	5-1-89	Estate of J.H. Gallagher	2.94	147	
112	5-1-89	Rina H. Fogarty	.05	2	
113	5-1-89	Grace Carl	.10	5	
114	5-1-89	Samm H. Canfield	.03	1	
115	6-1-89	Sonora Toplin	.06	3	
116	6-1-89	Sonora Toplin	1.20	60	
117	9-1-90	Pinker Irrig. District	200.00	10000	
118	6-1-91	W.H. Conway	2.20	110	
119	6-1-91	Thomas Davis	.54	27	
120	6-1-91	Middleton Mill Ditch Co.	17.00	850	
121	6-1-91	Thomas Andrews	3.50	175	
122	6-1-91	Selfers Canal Co.	73.44	3672	
123	6-1-91	Thomas H. Hens	.80	40	
124	5-1-93	Riveride Irrig. District	80.00	4000	
125	6-1-94	R.H. Stockton	1.76	88	
126	7-2-94	Farmers Union Ditch Co.	110.00	5500	
127	5-1-95	Charles Hens & Tennant	1.00	50	
128	7-1-95	Matthew Casey	.66	33	
129	7-1-96	Farmers Coop. Ditch Co.	83.50	4175	
130	10-1-99	Riveride Irrig. District	20.00	1000	
131	3-23-00	New York Canal Co.	219.10	10955	
132	5-17-00	Canyon Ditch Co.	10.00	500	
133	6-1-01	Riveride Irrig. District	5.54	277	
134	10-25-01	Canyon Ditch Co.	56.34	2817	

Name of Canal	Source	No	Date	Amount	Decrease
New York	Stewart Decree	131	3-23-1900	219.10	10955
USA.	Bryan Decree		12-14-1903	1354.58	67129
" "	"	"	6-16-1909	926.50	46325
Transfer # 466	Stewart Decree	106	8-23-1906	388.6	2923
Hillcrest Transfer # 411	"	8	8-20-1888	8.90	445
	"	45	6-1-1865	20.34	1017
	"	26	6-1-1871	1.20	60
Reint + Keoh	"	127	5-1-1895	1.00	50
Nampa + Meridian	"	67	5-1-1878	170.00	8500
Irrigation District	"	106	8-20-1888	370.84	18542
Less Transfer # 466	"	106	6-1-1871	8.90	445
Bahler	"	63	4-1-1865	.80	40
	"		4-1-1870	.80	40
Bubb	"	107	5-1-1889	.06	3
	"	108	"	.02	1
	"	109	"	2.40	120
	"	110	"	6.00	300
	"	111	"	2.94	147
	"	112	"	.05	2
	"	113	"	.10	5
Additional Decree	"	114	"	.03	2
"	"	29 B	4-1-1865	1.80	90
"	"	51-A	1865	.50	25
"	"	116 A	1870	1.00	50
	"	3	1889	.84	42
	Bryan Decree	3	4-1-1905	540	270
Meeves	Stewart Decree	53	6-1-1871	1.80	90
Rossi Mill	"	16	6-1-1865	9.20	460
and	"	17	6-1-1865	.80	40
Manville Leonard.	"	32	6-1-1866	3.50	175
Davis	"	94	6-1-1886	13.40	670
Little Davis	"	119	6-1-1891	.54	27
Settlers	"	92	10-17-1884	99.06	4953
Transfer # 430	"	122	6-1-1891	13.14	657
"	"	65	6-1-1877	.25	12.5
"	"		6-1-1864	.14	7
"	"		6-1-1864	.14	7
"	"		6-1-1864	.14	7
"	"		6-1-1877	.20	10
"	"		6-1-1877	.20	10
"	"		6-1-1877	.20	10
Change in P.O.D.	"	85A	6-1-1882	.72	36
	"	85B	4-1-1883	1.00	50
	"	1	6-1-1864	.70	35
Jacobs	"	7	6-1-1864	3.30	165
Thurman Mill.	"	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	1.20	60
	"	62	6-1-1876	.44	22
	"	75	6-1-1880	2.80	120
	"	77	10-20-1880	.90	45
	"	78	6-1-1882	.90	45
	"	79	6-1-1882	.60	30
	"	81	6-1-1882	2.60	130
	"	86	6-1-1882	1.50	75
	"	87	6-1-1883	.90	45
	"	88	6-1-1885	.86	43
	"	128	6-1-1882	.40	20
Less Transfer 412		50	6-1-1866	224	112
Pearl territory					

STEWART DECREE AND

Amount Decreed			Total	STEWART DECREE AN			
Sec. Ft.	Inches	Sec. Ft.	Sec. Ft.	Name of Canal	No	Date	Am. Sec. Ft.
219.10	10955			Cruzen	Stewart Decree 30	5-1-66	50.
1354.58	67729			Boise City	" 33	6-1-66	38
926.50	46325			Less Transfer 370	" 373	" " "	1.
38.88	2943						
8.90	445			Farmers Union	" 2	6-1-64	20
20.34	1017	2589.48		Transfer No 370	" 126	7-2-94	14
1.20	60			" 373	" "	6-1-66	
				" 374	" "	6-1-66	
1.00	.50	1.00		" 375	" "	6-1-66	
				" 384	" "	6-1-66	
170.00	8500			" 385	" "	6-1-66	
170.84	18542			" 386	" "	6-1-66	
- 8.90	- 445	532.34		" 387	" "	6-1-66	
20	20			" 391	" "	6-1-66	
80	40			" 393	" "	6-1-66	
80	40	1.60		" 430	" "	6-1-71	
				Change in P.O.D. 84	" "	6-1-77	
				Transfers 512+513	Bryan Decree 8	7-2-94	54.48
				Boise Valley	1	6-1-64	1.50
				New Union	Stewart Decree 15	6-1-65	54.51
.06	3			New Dry Creek	" 14	6-1-65	13.76
.02	120				" 72	6-1-79	31.32
2.40	300			Additional Decree	" 93	6-1-86	15.37
6.00	147			" 97	" 129A	4-1-87	7.86
2.94	2			" 131	" 132	4-1-87	5.20
.05	3			" 133	" 134	4-1-87	1.34
.10	2			" 135	" 136	4-1-87	1.16
.03	2			" 137	" 138	4-1-87	1.20
1.80	90			Transfer No 300	" 124A	5-1-93	1.00
.50	25			Change in P.O.D. 64	" "	6-1-88	1.25
1.00	50			" 301	" "		1.64
.84	42			" 301	" "		65
546	270	2114					
1.80	90	1.80		Bollantone	" 98	6-1-88	4.00
				" 99	" 100	6-1-88	1.30
9.20	460			" 101	" 102	6-1-88	1.40
.80	40			" 103	" 104	6-1-88	1.20
				Additional Decree	" 105	6-1-88	1.40
3.50	175	13.50		" 106	" 107	4-1-88	1.30
				" 108	" 109	4-1-88	1.40
13.40	670	13.40		" 110	" 111	4-1-88	1.50
.54	27	.54		" 112	" 113	5-1-88	1.50
				Change in P.O.D. 57	" 114	5-1-88	1.50
99.06	4953			LESS " " 64	" 115	6-1-77	1.60
73.24	3672			" " " 91	" 116		1.65
.25	12.5			Middleton Water	" 65	6-1-77	114.08
.14	7			Change in P.O.D. 36	" "	6-1-67	3.38
.14	7			" 126	" "	6-1-66	2.30
.20	10			Less " " 57	" 65	6-1-77	1.60
.40	20			Less Transfer 1357	" "		1.20
.72	36	175.49		" 374	" "		1.40
1.60	80			" 375	" "		1.20
				" 384	" "		1.40
70	35	70		" 385	" "		1.26
				" 386	" "		1.40
3.30	165			" 387	" "		1.20
1.20	60			" 392	" "		1.20
.66	33			" 395	" "		30
14.10	705			Middleton Mill	" 3	6-1-64	12.80
3.70	185				" 40	6-1-68	33
1.60	80				" 54	6-1-71	1
.70	35				" 120	6-1-87	
1.20	60			Change in P.O.D. 54	" "	6-1-64	
.44	22			Less " " 75	" "	6-1-64	
2.40	120			Less Transfer 300	" "	6-1-64	
.90	45			" 301	" "		
.80	40			" 347	" "		
.60	30			" 349	" "		
2.60	130			" 350	" "		
1.50	75			" 391	" "		
.90	45			" 393	" "		
.66	33						
.40	20	37.16					
224	112	224		Pioneer	" 49	6-1-70	25.72

STEWART DECREE AND BRYAN DECREE GROUPED LIST

No	Date	Amount Decreed. Sec. Ft.	Inches	Total Sec. Ft.	Name of Canal	Stewart Bryan
Stewart Decree 30	5-1-66	50.00	2500	50.00	Canyon County	Stewart
" 33	6-1-66	38.06	1903		Change in P.O.D. 29	Stewart
" "	" "	1.124	56.2		" "	"
" "	" "	.374	18.7	36.562	Less " "	"
" 2	6-1-64	20.00	1000.		" "	"
" 126	7-2-98	180.00	5500.		Lemp Ditch, Add. Dec.	"
" "	6-1-66	1.124	56.2		Conway + Hamming	"
" "	6-1-66	.374	18.7			"
" "	6-1-77	.40	20.			"
" "	6-1-77	.20	10.			"
" "	6-1-77	.40	20.			"
" "	6-1-77	.566	28.3			"
" "	6-1-77	.40	20.			"
" "	6-1-77	.40	20.			"
" "	6-1-77	.15	7.5			"
" "	6-1-77	.288	14.4			"
" "	6-1-77	.30	15.			"
" "	6-1-77	.25	12.5			"
Bryan Decree 8	6-1-77	.80	40.			"
" 1	7-2-98	54.46	2723.	191.512	Less Change in P.O.D. 38	"
" "	6-1-64	1.50	75.		" "	"
Stewart Decree 15	6-1-65	54.58	2729	54.58	Graham + Gilbert	"
" 14	6-1-65	13.76	688	13.76	Warm Springs	"
" 72	6-1-79	31.32	1566			"
" 93	6-1-86	1.522	76.1			"
" 97	6-1-88	7.86	393			"
" 1290	4-1-97	.54	27.			"
" 151	4-1-90	.816	40.8			"
" 152	6-1-80	.203	10.15		Less Change in P.O.D. 83	"
" 156	5-1-83	.35	17.5		Joplin	"
" 1241	5-1-93	1.00	50.			"
" "	" "	.35	17.5			"
" "	" "	1.64	82.			"
" "	" "	.20	10.			"
" "	6-1-88	.65	32.5	60.488	Seven suckers	"
" "	" "				Change in P.O.D. 38	"
" 98	6-1-88	4.00	200		Phyllis	"
" 99	6-1-88	1.30	65.			"
" 100	6-1-88	1.40	70.			"
" 101	6-1-88	1.46	73.			"
" 102	6-1-88	1.20	60.			"
" 103	6-1-88	1.40	70.			"
" 104	6-1-88	.80	40.			"
" 105	4-1-78	.80	40.			"
" 106	4-1-78	.80	40.			"
" 107	4-1-78	.80	40.			"
" 108	4-1-78	.80	40.			"
" 109	5-1-83	.7506	37.53			"
" 110	5-1-86	.356	17.8			"
" 111	6-1-77	.60	30.			"
" "	" "	.20	10.			"
" "	" "	.65	32.5	154.166	Farmers Coop Ditch	"
" 65	6-1-77	114.08	5704.			"
" "	6-1-67	.38	19.			"
" "	" "	.67	33.5			"
" 65	6-1-66	2.30	115.			"
" "	6-1-77	.60	30.			"
" "	" "	.80	40.			"
" "	" "	.20	10.			"
" "	" "	.40	20.			"
" "	" "	.20	10.			"
" "	" "	.40	20.			"
" "	" "	.266	13.3			"
" "	" "	.40	20.			"
" "	" "	.40	20.			"
" "	" "	.40	20.			"
" "	" "	.50	25.	112.864	Siebertberg	"
" "	" "				Less Transfer 105	"
" 3	6-1-64	12.80	640			"
" 40	6-1-68	1.40	70.			"
" 54	6-1-71	33.70	1685			"
" 120	6-1-81	17.00	850.			"
" "	6-1-87	.11	5.5			"
" "	" "	.50	25.			"
" "	" "	.35	17.5			"
" "	" "	1.44	72.			"
" "	6-1-64	.14	7.			"
" "	6-1-64	.14	7.			"
" "	6-1-64	.15	7.5			"
" "	" "	.288	14.4	62.862	Riverside Irrig. Dist.	"
" 49	6-1-70	25.72	1286	25.72	Additional Decree	"
" "	" "				" "	"
" "	" "				Change in P.O.D. 35	"

GROUPED UNDER CANAL HEADINGS.

of Canal	No	Date	Amount sec. ft.	Decees, Inches	Total sec. ft.	Name of Canal
County	Stewart Decree	35	6-1-67	7580	3780	Frontier Dixie
	Additional Decree	35A	"	176	88	
in P.O.D. 29	Stewart Decree	31	6-1-67	100	30	Plus Transfer
"	"	"	6-1-66	260	130	"
"	"	"	"	30	25	Less
"	"	"	"	138	19	"
"	"	"	"	111	55.3	"
Ditch, Add Dec.	"	29A	1865	6.00	300.	Eureka No 2
Hamming	"	48	6-1-70	260	130	Transfer
"	"	64	6-1-77	90	45	"
"	"	178	6-1-91	220	110	"
Ken	"	63	6-1-77	5.20	260	Less
Mace	"	5	6-1-64	286	163	
"	"	52	6-1-71	786	393	Upper Center Point
Davis	"	6	6-1-64	330	165	
"	"	56	6-1-72	420	220	
Change in P.O.D. 38	"	58	6-1-72	530	165	Less Transfer
"	"	"	"	104	52	" Change in P.O.D. 81
2 + Gilbert	"	12	6-1-65	440	220	
Springs	"	61	6-1-76	230	115	
"	"	80	6-1-82	160	80	Lower Center Point
"	"	82	"	48	22	
"	"	83	"	48	22	
"	"	84	"	132	68	
"	"	85	"	220	110	
Change in P.O.D. 83	"	85A	"	160	80	Less Change in P.O.D. 50
"	"	86	"	72	36	50
"	"	87	6-1-82	80		
"	"	115	6-1-89	06		
"	"	116	6-1-89	120		206
Suckers	"	"	"	104	52	
Change in P.O.D. 38	"	"	"	"	"	104
"	"	90	6-1-84	5310	2655	Bowman's Switch
"	"	112	6-1-90	200.00	100.00	Change in P.O.D.
"	"	135	6-1-94	56.32	28.16	Less
Bryan Decree	"	4	4-1-05	30.9.36	15.4.28	
"	"	4	4-1-08	54.30	27.15	Mammoth
No 1.	Stewart Decree	15	6-1-65	33.32	1666	Haas Ditch
High Line	"	34	6-1-66	1540	770	Island High Line
"	"	46	6-1-69	1720	860	Add Decrees
"	"	77	10-29-80	27.60	1380	
Coop Ditch	"	60	6-1-75	10.00	500	Larsen Boxer Temp.
"	"	86	6-1-83	20.00	1000	Change in P.O.D. 123
"	"	125	7-1-88	30.00	1500	
"	"	129	7-1-96	39.50	1975	
Bryan Decree	"	"	4-1-05	154.35	77.17	Boone Ditch
Ditch Co	Stewart Decree	132	5-17-00	10.00	500	
Per 381	"	134	10-25-01	5.54	277	
185	"	96	10-1-87	12.10	605	
"	"	9	6-1-65	50	25	Andrews Ditch
erg	"	9	6-1-65	13.42	671	
Transfer 105	"	9	6-1-65	.50	25	
					12.92	
le Irrig.	"	88	6-1-83	12.00	600	
"	"	91	6-1-84	20.00	1000	
"	"	95	7-23-87	4.00	200	
"	"	124	5-1-89	86.00	4000	
"	"	130	10-1-99	20.00	1000	
"	"	133	6-1-01	70.00	3500	
Decree	"	77A	6-15-87	3.68	184	
"	"	116A	6-1-90	.72	36	
"	"	116B	6-1-90	.70	35	
"	"	116C	6-1-90	.40	20	
P.O.D. 35	"	"	"	2.00	100	
Bryan Decree	"	"	4-1-10	63.98	3199	
"	"	"	4-1-14	17.50	885	
					294.38	

S.

Decreed, Inches	Total Sec Ft.	Name of Canal	No	Date	Amount Sec Ft.	Dec Inch
37.90		Pioneer Dixie	8	6-1-66	20.00	1
88		Stewart Decree	45	6-1-69	3.24	1
50		Plus Transfer	86	10-1-87	2.00	1
130		Less	96	"	20.34	10
25		"	"	"	1.00	
19		"	"	"		
55.3	80.17					
300	6.00	Eureka No 2	89	11-8-83	21.70	10
130		Transfer	86	10-1-87	29.50	18
45		"	22	10-1-87	1.00	
170	5.70	Less	96	6-1-65	1.50	
260	3.20	"	"	"		
143		Upper Center Point	23	6-1-65	3.20	16
193	10.72	"	24	"	2.40	13
165		"	25	"	3.90	13
250		"	26	"	1.20	4
160		Less Transfer	27	"	1.50	4
32	9.96	" Change in P.D. 51	"	"	5.0	2
220	2.40					
115		Lower Center Point	19	6-1-65	2.88	14
20		"	22	"	3.20	16
22		"	23	6-1-68	3.20	18
22		"	24	6-1-69	3.60	18
28		"	25	6-1-79	2.00	200
110		"	26	6-1-85	6.60	320
50		Less Change in P.D. 50	21	"	2.50	125
36	9.22	"	19	"	2.88	14
		"	20	"	6.00	320
	206					
52	104	Bowman Swisher	19	6-1-65	2.88	14
2655		Change in P.D. 50	20	"	2.80	39
10,000		Less	"	"	1.80	
2817		"	"	"		
15,328	670.50	Mammoth	41	6-1-69	1.80	90
2725		"	42	6-1-78	2.20	110
		"	43	6-1-78	4.38	168
1666	33.32	Hagg Ditch	37	6-1-68	8.58	227
		"	70	6-1-78	8.58	227
770		Island High Line	71A	4-1-79	3.00	150
1860		Add Decree	137A	6-1-10	21.00	1050
1380	80.20	"	139	4-1-10	10.00	500
		Larson Baxte Temp. Add Decree	75A	6-1-80	4.0	40
500		Change in P.D. 127	127	6-1-65	32.0	160
1000		Boone ditch	28	Stewart Decree	7.00	350
2500		"	29	"	3.50	175
4,115		"	30	"	2.20	110
7722	317.95					
500		Andrews Ditch	4	6-1-64	3.30	165
277		"	29	6-1-65	6.90	300
6.05		"	51	6-1-70	1.30	65
25	2814	"	104	6-1-88	3.0	150
		"	131	6-1-91	4.80	125
671		"	44	6-1-69	4.30	125
25	12.92					
		Farma Ditch	71	6-1-78	4.50	225
		"	72	6-1-80	1.20	60
		"	73	6-1-96	1.50	75
		"	74	6-1-97	1.50	75
		"	75	6-1-97	1.50	75
		"	76	6-1-97	3.0	150
		"	77	6-1-81	1.20	60
		O'Donnell Ditch	114A	5-1-89	4.60	230
		"	114B	5-1-89	3.0	150
6,000,000						
4,000,000						
5,000,000						
1,000,000						
1,000,000						
3,100,000						
885	294.38					

5.

Deerhead Inches	Total Sec Ft.	Name of Canal	No	Date	Amount Sec Ft.	Dee Inc
37.80		Pioneer Dixie	8	6-1-64	20.00	1
30		Stewart Decree	45	6-1-69	3.44	1
130		Plus Transfer	36	10-1-87	2.00	1
25			48	"	2.20	1
29		Less	11	"	20.34	1
55.3	80.17	"	62	"	1.00	1
300	6.00	Eureka No 2	89	11-8-83	21.70	10
130		Transfer	47	10-1-87	29.50	14
170	5.70		62	10-1-85	1.00	1
360	5.20		22	6-1-65	.50	1
143		less	11	"	1.20	1
193	10.72	Upper Cen. Point	23	6-1-65	3.20	1
165			24	"	2.40	1
320			25	"	3.90	1
32	9.96	less Transfer	26	"	1.60	1
		" Change in P.O. 81	27	"	1.50	1
220	2.40				.50	1
118		Lower Center Point	19	6-1-65	2.88	1
20			22	"	3.20	1
22			23	6-1-68	3.20	1
22			24	6-1-69	3.60	1
110			25	6-1-79	4.00	1
20	9.22		20	6-1-65	6.40	1
36		Less Change in P.O. 50	21	"	2.30	1
		50	22	"	2.88	1
	2.06		20	"	6.00	1
52	1.04	Bowman Swisher				
2655		Change in P.O. 50	19	6-1-65	2.88	1
10.000		less	20	"	6.00	1
2872		" " " 127	"	"	.90	1
13038	670.50	Mammoth	41	6-1-69	1.30	90
2723			62	6-1-78	2.20	110
1666	33.32		69	6-1-78	3.36	168
220		Hagg Ditch	39	6-1-68	8.54	427
1550			70	6-1-78	2.20	220
1380	80.20	Island High Line	71	4-1-79	3.00	150
		Add Decree	135	6-1-10	7.00	350
			139	4-1-75	10.00	500
500		Larson Baxte Temp. Add Decree	72	6-1-80	.40	40
1000		Change in Feb 127	127	6-1-65	3.20	160
2500	317.95	Boone ditch	28		7.00	320
2125		Stewart Decree	41		3.50	175
0.25	28.14		59		2.20	110
671		Andrews Ditch	4	6-1-64	3.30	165
25	12.92		29	6-1-65	6.00	300
			51	6-1-70	1.30	63
			104	6-1-88	.30	23
			121	6-1-91	3.30	125
			24	6-1-69	8.50	425
		Farma Ditch	71	6-1-78	4.40	220
			76	6-1-80	1.20	80
			77	6-1-81	1.20	80
			77A	6-1-81	1.20	80
			77B	6-1-81	1.20	80
			77C	6-1-81	.80	40
			77D	6-1-81	1.20	80
		O'Donnell Ditch	114	5-1-89	1.60	80
			114B	5-1-89	.80	40
31.85	294.38					

Decreed, Inches	Total Sec Ft.	Name of Canal	No	Date	Amount Sec Ft.	Decreed Inches
37.90		Pioneer Dixie	8	6-1-64	20.00	100.0
38		Stewart Decree	45	6-1-64	35.44	177.2
30		PLUS Transfer	36	10-1-87	2.00	180
130		"	48	"	2.20	182
25		Less	11	"	20.34	161.7
19		"	11	"	1.00	160.7
55.2	80.17					
300.	6.00	Eureka No 2	89	11-8-83	21.70	108.5
130		Transfer	47	10-1-87	29.50	147.5
45		"	62	10-1-87	1.00	50
110	5.70	"	21	8-1-65	.80	20
260	5.20	Less	85	"	.50	
143		"	111	"	1.20	60
393	10.72	Upper Cen. Point	23	6-1-65	3.20	160
165		"	24	"	2.40	120
220		"	25	"	3.90	197
165		"	26	"	1.60	50
52	9.96	Less Transfer	27	"	1.50	40
220	8.40	" Change in P.D. 81			.50	25
115		Lower Center Point	19	6-1-65	2.88	144
80		"	22	"	3.20	160
22		"	38	6-1-68	3.20	160
22		"	43	6-1-69	3.60	180
68		"	73	6-1-79	4.00	200
110		"	30	6-1-65	6.40	320
80		"	21	"	2.90	145
36	9.22	Less Change in P.D. 50	19	"	2.88	144
		50	20	"	6.40	320
206						
52	1.04	Bowman's Swisher	19	6-1-65	2.88	144
2655		Change in P.D. 50	20	"	6.40	320
10,000		Less " " " 127			.80	40
2812		Mammoth	41	6-1-69	1.80	90
15328	670.50	"	68	6-1-78	6.20	310
2125		"	89	6-1-78	4.30	168
1666	33.32	Haas Ditch	39	6-1-68	8.34	417
770		"	70	6-1-78	4.30	215
1860		Island High Line	71A	4-1-79	3.00	150
1380	80.20	Add Decrees	137A	6-1-10	7.00	350
		"	139	4-1-75	10.00	500
500		Larsen Boxte Temp. Add Decree	75A	1880	.50	25
1000		Change in P.D. 127	127	6-1-65	3.20	160
2500		Boone ditch	28		7.00	350
4115	317.95	Stewart Decree	47		3.50	175
7722		"	59		2.20	110
504		Andrews Ditch	4	6-1-64	3.30	165
277		"	29	6-1-65	6.00	300
6.05		"	51	6-1-70	1.30	65
25	2814	"	104	6-1-88	.90	45
671		"	121	6-1-91	4.50	195
25	12.92	"	44	6-1-69	4.30	195
		Farma Ditch	71	6-1-78	4.40	220
600		"	26	6-1-80	1.20	60
1000		"	51	6-1-94	1.20	60
200		"	72A	6-1-81	1.60	80
4000		"	270	6-1-81	.50	25
1000		"	270	6-1-81	.50	25
3500		"	770	6-1-81	1.00	50
184		O'Donnell Ditch	114A	5-1-89	1.60	80
36		"	114B	5-1-89	.80	40
25						
20						
1000						
3100						
885	294.38					

Chart 25

Name of Canal	No	Date	Amount Sec. Ft.	Decease Inches	Total Sec. Feet
Deer Dixie	8	6-1-64	20.00	1000	
Transfer 36	45	6-1-69	35.44	1772	
111	96	10-1-87	2.00	100	
62	96	"	4.20	210	
			20.34	1017	
			1.80	90	40.90
eka No 2	89	11-8-83	21.70	1085	
Transfer 47	96	10-1-87	29.50	1475	
62	96	"	1.00	50	
21	22	6-1-65	.80	40	
85			.50	25	
111	96		1.20	60	52.30
per Cen. Point	23	6-1-65	3.20	160	
	28	"	2.40	120	
	25	"	3.90	195	
	26	"	1.60	80	
Transfer 71	27	"	1.50	75	
change in P.O. 81			.80	40	
			.50	25	11.42
Center Point	19	6-1-65	2.88	144	
	22	"	3.20	160	
	33	6-1-68	3.20	160	
	43	6-1-69	3.60	180	
	13	6-1-79	4.00	200	
	20	6-1-65	6.00	300	
Change in P.O. 50	21	"	2.90	145	
30	19	"	2.88	144	
	20	"	6.00	300	16.90
nant Swisher	19	6-1-65	2.88	144	
change in P.O. 50	20	"	6.00	300	
127			.80	40	8.48
197011	41	6-1-69	1.80	90	
	68	6-1-78	4.20	210	
	69	6-1-78	4.38	219	9.36
3 Ditch	39	6-1-68	8.38	419	
	70	6-1-78	8.80	440	17.34
nd High Line	71A	4-1-79	3.00	150	
Decease	135A	4-1-70	7.00	350	
	139	4-1-70	10.00	500	20.00
an Bakte Temp. Add Decease	75A	6-1-80	.50	25	
127		6-1-65	3.20	160	4.00
re ditch	28		2.00	100	
	49		3.50	175	
	59		2.20	110	14.70
ews Ditch	4	6-1-64	3.30	165	
	29	6-1-65	6.00	300	
	51	6-1-70	1.30	65	
	104	6-1-80	.90	45	
	131	6-1-81	3.80	190	
	74	6-1-69	8.50	425	23.50
re ditch	71	6-1-70	4.40	220	
	74	6-1-80	1.76	88	
	125	6-1-94	1.76	88	
	77A	6-1-81	1.60	80	
	77B	6-1-81	.84	42	
	77C	6-1-81	.80	40	
	77D	6-1-81	1.30	65	11.96
nnell Ditch	114A	5-1-89	1.60	80	
114B		5-1-89	.80	40	2.40

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

No.	Name	100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%
1	Thomas Davis (1)				
2	Jacobs Canal Co. * (1)	2.20	1.65	1.32	
3	Middleton Mill Ditch Co. (1)	20.00	20.00	20.00	
4	Thomas Andrews (3)	12.80	9.60	7.68	
5	Catlin & Mace (1)	3.30	2.47	1.98	
6	T. C. Catlin (1)	2.86	2.15	1.71	
7	C. C. Havird (1)	3.30	2.47	1.98	
8	Pioneer Dixie Ditch Co. (2)	3.30	2.47	1.98	
8A	Adolph Bahler (1)	20.00	15.00	12.00	
8B	First Nat'l. Bank of Pueblo (1)	.80	.60	.48	
9	Siebenberg (2)	1.80	1.35	1.08	
10	Allen V. Webster (1)	13.42	10.07	8.05	
11	J. F. Yaryan (1)	1.20	.90	.72	
12	Graham & Gilbert (1)	.66	.49	.40	
13	Eureka Water Co. (1)	4.40	3.30	2.64	
14	New Union Ditch Co. (1)	33.32	24.99	19.99	
15	Boise Valley Irrigation Co. (1)	13.76	10.32	8.26	
16	Ridenbaugh & Rossi (1)	54.58	40.94	32.75	
17	Ridenbaugh & Rossi (Power) (1)	9.20	6.90	5.52	
18	Denver & Idaho Land Co. (1)	.80	.60	.48	
19	Martha Bowman (2)	2.88	2.16	1.73	
20	Bird Bowman (2)	6.40	4.80	3.84	
21	G. W. Gess (2)	2.90	2.18	1.74	
22	Robert McGuire (2)	3.20	2.40	1.92	
23	C. W. Cooper (2)	3.20	2.40	1.92	
24	J. W. Rowland (2)	2.40	1.80	1.44	
25	Draper & Wells (2)	3.94	2.96	2.36	
26	Thomas J. Palmer (2)	1.60	1.20	.96	
27	Noah W. Palmer (2)	1.58	1.19	.95	
28	J. N. Tucker (3)	7.00	5.25	4.20	
29	Thomas Andrews (3)	6.00	4.50	3.60	
29A	Louise Simonson (1)	6.00	4.50	3.60	
29B	S. G. Hardies & Amelia Easley (1)	.50	.38	.30	
30	J. Perrault & R. Johnson * (1)	50.00	50.00	50.00	
31	William P. Kennedy (1)	2.60	1.95	1.56	
31A	Wm. Musser (1)	2.30	1.73	1.38	
31B	Minnie & Jerry Couzens (1)	.60	.45	.36	
31C	Albert C. Bowerman (1)	1.10	.83	.66	
32	Manville & Leonard (1)	3.50	2.63	2.10	
33	Boise City Canal Co. (1)	38.06	28.55	22.83	22.83
34	Franklin Ditch Co. (1)	15.40	11.55	9.24	32.07
35	Canyon County Water Co. (1)	75.80	56.85	45.48	77.55
35A	Ralph T. Knight (1)	1.76	1.32	1.06	78.61
36	Martha E. McCarthy (1)	14.10	10.58	8.46	87.07

* These rights have been finally adjudicated by the Supreme Court and are not cut bel

Chart No. 26

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

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%
2.20	1.65	1.32		1152.58	1465.17
20.00	20.00	20.00			
12.80	9.60	7.68		1154.50	1468.37
3.30	2.47	1.98			
2.86	2.15	1.71		1154.93	1469.09
3.30	2.47	1.98		1155.43	1469.92
3.30	2.47	1.98		1155.93	1470.75
20.00	15.00	12.00			1475.75
.80	.60	.48		1156.05	1475.95
1.80	1.35	1.08		1156.32	1476.40
13.42	10.07	8.05			1479.76
1.20	.90	.72		1156.50	1480.06
.66	.49	.40		1156.60	1480.23
4.40	3.30	2.64		1157.26	1481.33
33.32	24.99	19.99		1162.26	1489.66
13.76	10.32	8.26		1164.32	1493.10
54.58	40.94	32.75		1172.51	1506.75
9.20	6.90	5.52		1173.89	1509.05
.80	.60	.48		1174.01	1509.25
2.88	2.16	1.73			1509.97
6.40	4.80	3.84			1511.57
2.90	2.18	1.74			1512.30
3.20	2.40	1.92			1513.10
3.20	2.40	1.92			1513.90
2.40	1.80	1.44			1514.50
3.94	2.96	2.36			1515.48
1.60	1.20	.96			1515.88
1.58	1.19	.95			1516.27
7.00	5.25	4.20			
6.00	4.50	3.60			
6.00	4.50	3.60		1174.91	1517.77
.50	.38	.30		1174.99	1517.90
50.00	50.00	50.00			
2.60	1.95	1.56		1175.38	1518.55
2.30	1.73	1.38		1175.73	1519.13
.60	.45	.36		1175.82	1519.28
1.10	.83	.66		1175.99	1519.56
3.50	2.63	2.10		1176.51	1520.44
38.06	28.55	22.83	22.83	1182.22	1529.96
15.40	11.55	9.24	22.07	1184.53	1533.81
75.80	56.85	45.48	77.55	1195.90	1552.76
1.76	1.32	1.06	78.61	1196.16	1553.20
14.10	10.58	8.46	87.07	1198.28	1556.93

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

No.	Name	100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Flow To Fi
37	H. D. & Dora Goodman (1)	3.70	2.78	2.22	89.29	11
38	T. T. Johnson (2)	3.20	2.40	1.92		
39	Ross, Allen, Dilley, & Ross (3)	8.54	6.41	5.12		
40	S. S. Gray (1)	1.40	1.05	.84	90.13	11
41	John Mannon (3)	1.80	1.35	1.08		
42	Isaac Bedal (1)	1.60	1.20	.96	91.09	11
43	Frederich Ode (2)	3.60	2.70	2.16		
44	Prior Burnett (3)	8.50	6.38	5.10		
45	Pioneer Dixie Ditch Co. (2)	35.44	26.58	21.26		
46	Mason Creek Ditch Co. (1)	37.20	27.90	22.32	113.41	120
47	T. W. Boone (3)	3.50	2.63	2.10		
47A	Adolph Bahler (1)	.80	.60	.48	113.89	120
48	W. J. Hamming (1)	2.60	1.95	1.56	115.45	120
49	Pioneer Canal (1)	25.72	19.29	15.43	130.88	120
50	Barber Lumber Co. (1)	2.24	1.68	1.34	132.22	120
51	Thomas Andrews (3)	1.30	.98	.78		
51A	S. G. Hardies & Amelia Wisley (1)	1.00	.75	.60	132.82	120
52	Catlin & Mace (1)	7.86	5.90	4.72	137.54	121
53	Peter Meeves (1)	1.88	1.35	1.08	138.62	121
54	Middleton Mill Ditch Co. (1)	33.70	25.28	20.22	158.84	121
55	J. F. Yaryan (1)	.70	.53	.42	159.26	121
56	J. F. Yaryan (1)	1.40	1.05	.84	160.10	121
57	Mary C. Davis (1)	4.40	3.30	2.64	162.74	121
58	Edward N. Hart (1)	3.30	2.47	1.98	164.72	121
59	T. W. Boone (3)	2.20	1.65	1.32		
60	Farmer's Coop. Ditch Co. (2)	10.00	7.50	6.00		
61	Edward & Mary Clark (1)	2.30	1.73	1.38	166.10	121
62	John Cecil (1)	.44	.33	.26	166.36	121
63	Thomas Aiken (1)	5.20	3.90	3.12	169.48	121
64	W. H. Conway (1)	.90	.68	.54	170.02	121
65	Middleton Water Co. (1)	114.08	85.56	68.45	238.47	123
66	Perrault & Johnson (Power) (1)					
66A	J. S. Kraus (1)	.80	.60	.48	238.95	123
66B	H. E. Plain (1)	.80	.60	.48	239.43	123
66C	J. F. Kolander (1)	1.40	1.05	.84	240.27	123
66D	M. T. Griffith (1)	.80	.60	.48	240.75	123
67	Nampa-Meridian Irrig. Dist. (1)	170.00	127.50	102.00	342.75	126
68	John Mannon (3)	4.20	3.15	2.52		
69	Julia Mannon (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	361.54	126
72	New Dry Creek Ditch Co. (1)	31.32	23.49	18.79		
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

No.	Name	100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Flow To Fi
37	H. D. & Dora Goodman (1)	3.70	2.78	2.22	89.29	11
38	T. T. Johnson (2)	3.20	2.40	1.92		
39	Ross, Allen, Dilley, & Ross (3)	8.54	6.41	5.12		
40	S. S. Gray (1)	1.40	1.05	.84	90.13	11
41	John Mannon (3)	1.80	1.35	1.08		
42	Isaac Bedal (1)	1.60	1.20	.96	91.09	11
43	Frederich Ode (2)	3.60	2.70	2.16		
44	Prior Burnett (3)	8.50	6.38	5.10		
45	Pioneer Dixie Ditch Co. (2)	35.44	26.58	21.26		
46	Mason Creek Ditch Co. (1)	37.20	27.90	22.32	113.41	120
47	T. W. Boone (3)	3.50	2.63	2.10		
47A	Adolph Bahler (1)	.80	.60	.48	113.89	120
48	W. J. Hamming (1)	2.60	1.95	1.56	115.45	120
49	Pioneer Canal (1)	25.72	19.29	15.43	130.88	120
50	Barber Lumber Co. (1)	2.24	1.68	1.34	132.22	120
51	Thomas Andrews (3)	1.30	.98	.78		
51A	S. G. Hardies & Amelia Hisley (1)	1.00	.75	.60	132.82	120
52	Catlin & Mace (1)	7.86	5.90	4.72	137.54	121
53	Peter Meeves (1)	1.80	1.35	1.08	138.62	121
54	Middleton Mill Ditch Co. (1)	33.70	25.28	20.22	158.84	121
55	J. F. Yaryan (1)	.70	.53	.42	159.26	121
56	J. F. Yaryan (1)	1.40	1.05	.84	160.10	121
57	Mary C. Davis (1)	4.40	3.30	2.64	162.74	121
58	Edward N. Hart (1)	3.30	2.47	1.98	164.72	121
59	T. W. Boone (3)	2.20	1.65	1.32		
60	Farmer's Coop. Ditch Co. (2)	10.00	7.50	6.00		
61	Edward & Mary Clark (1)	2.30	1.73	1.38	166.10	121
62	John Cecil (1)	.44	.33	.26	166.36	121
63	Thomas Aiken (1)	5.20	3.90	3.12	169.48	121
64	W. H. Conway (1)	.90	.68	.54	170.02	121
65	Middleton Water Co. (1)	114.08	85.56	68.45	238.47	123
66	Perrault & Johnson (Power) (1)					
66A	J. S. Kraus (1)	.80	.60	.48	238.95	123
66B	H. E. Plain (1)	.80	.60	.48	239.43	123
66C	J. W. Kolander (1)	1.40	1.05	.84	240.27	123
66D	M. T. Griffith (1)	.80	.60	.48	240.75	123
67	Nampa-Meridian Irrig. Dist. (1)	170.00	127.50	102.00	342.75	126
68	John Mannon (3)	4.20	3.15	2.52		
69	Julia Mannon (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	361.54	126
72	New Dry Creek Ditch Co. (1)	31.32	23.49	18.79		
73	D. Mumford (2)	4.00	3.00	2.40		

Chart No. 26-A

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

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%
3.70	2.78	2.22			
3.20	2.40	1.92	89.29	1198.84	1557.66
8.54	6.41	5.12			1558.46
1.40	1.05	.84			
1.80	1.35	1.08	90.13	1199.05	1558.81
1.60	1.20	.96			
3.60	2.70	2.16	91.09	1199.29	1559.21
8.50	6.38	5.10			1560.11
35.44	26.58	21.26			
37.20	27.90	22.32			1568.97
3.50	2.63	2.10	113.41	1204.87	1578.27
.80	.60	.48			
2.60	1.95	1.56	113.89	1204.99	1578.47
25.72	19.29	15.43	115.45	1205.39	1579.12
2.24	1.68	1.34	130.88	1209.24	1585.55
1.30	.98	.78	132.22	1209.58	1586.11
1) 1.00	.75	.60			
7.86	5.90	4.72	132.82	1209.73	1586.36
1.88	1.35	1.08	137.54	1210.91	1588.33
33.70	25.28	20.22	138.62	1211.18	1588.78
.70	.53	.42	158.84	1216.24	1597.21
1.40	1.05	.84	159.26	1216.35	1597.39
4.40	3.30	2.64	160.10	1216.56	1597.74
3.30	2.47	1.98	162.74	1217.22	1598.84
2.20	1.65	1.32	164.72	1217.72	1599.67
10.00	7.50	6.00			1602.17
2.30	1.73	1.38	166.10	1218.07	1602.75
.44	.33	.26	166.36	1218.14	1602.86
5.20	3.90	3.12	169.48	1218.92	1604.16
.90	.68	.54	170.02	1219.06	1604.39
114.08	85.56	68.45	238.47	1236.17	1632.91
.80	.60	.48			
.80	.60	.48	238.95	1236.29	1633.11
1.40	1.05	.84	239.43	1236.41	1633.31
.80	.60	.48	240.27	1236.62	1633.66
170.00	127.50	102.00	240.75	1236.74	1633.86
4.20	3.15	2.52	342.75	1262.24	1676.36
3.36	2.52	2.02			
8.80	6.60	5.28			
4.40	3.30	2.64			
3.00	2.25	1.80			
31.32	23.49	18.79	361.54	1266.94	1684.19
4.00	3.00	2.40			1685.19

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

No.	Name		100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Flow To F
73A	Goble & Songer	(1)	.54	.41	.32	361.86	
74	Smith Stockton	(3)	1.76	1.32	1.06		
75	Isham Joplin	(1)	2.40	1.80	1.44	363.30	
75A	C. B. Frank	(1)	.816	.61	.49	363.79	
75A	Albert Lemp et al	(3)	3.20	2.40	1.92		
76	Joseph Goble	(1)	.90	.68	.54	364.33	
77	Franklin Ditch Co.	(1)	27.60	20.75	16.56	380.89	
77A	Roc Helms	(2)	3.674	2.76	2.20		
77A	Gus A. Barth	(3)	1.60	1.20	.96		
77B	Charles Jurries	(3)	.34	.26	.20		
77C	James Finlay	(3)	.80	.60	.48		
77D	Lester J. Shippy	(3)	1.30	.98	.78		
78	Allen V. Webster	(1)	.90	.68	.54	381.43	12
79	Susie Campbell	(1)	.60	.45	.36	381.79	12
80	J. T. Barber	(1)	1.60	1.20	.96	382.75	12
81	Sonora Joplin	(1)	3.40	2.55	2.04	384.79	12
82	S. W. Hutchinson	(1)	.44	.33	.26	385.05	12
83	Johnson	(1)	.44	.33	.26	385.31	12
84	Andrew J. Joplin	(1)	2.86	2.15	1.72	387.03	12
85	James L. Graham	(1)	2.20	1.65	1.32	388.35	12
85A	Leo Marsters	(1)	1.60	1.20	.96	389.31	12
85B	Jacob Bingham	(1)	1.00	.75	.60	389.91	12
85C	Wm. Huckba	(1)	.203	.15	.12	390.03	12
85D	C. H. Schmelzer	(1)	.7506	.56	.45	390.48	12
85E	C. W. McClurg	(1)	.35	.26	.21	390.69	12
86	Farmers Coop. Ditch	(2)	20.00	15.00	12.00		
87	Francis M. Joplin	(1)	.90	.68	.54	391.23	12
88	W. A. Black	(2)	12.00	9.00	7.20		
89	Eureka Ditch Co. No. 2	(2)	21.70	16.28	13.02		
90	Pioneer Irrigation Dist.	(1)	53.10	39.83	31.86	423.09	128
91	Riverside Irrig. Dist.	(2)	20.00	15.00	12.00		
92	Settlers Canal Co.	(1)	99.06	74.30	59.44	482.53	129
93	New Dry Creek Co.	(1)	15.22	11.42	9.13	491.66	129
94	Thomas Davis	(1)	13.40	10.05	8.04	499.70	130
95	Wm. E., L & E. Young	(2)	4.00	3.00	2.40		
96	American Ditch Assoc.	(2)	47.80	35.85	28.68		
97	New Dry Creek Ditch	(1)	7.86	5.90	4.72	504.42	130
98	A. V. Linder	(1)	4.00	3.00	2.40	506.82	130
99	Levi Smith	(1)	1.30	.98	.78	507.60	130
100	Charlotte Calhoun	(1)	1.40	1.05	.84	508.44	130
101	Ed J. Linder	(1)	1.40	1.10	.88	509.32	130
102	Lizzie Everett	(1)	1.46	.90	.72	510.04	130
103	Jessie Wilson	(1)	1.20	.90	.72	510.88	130
104	Thomas Andrews	(3)	.90	.68	.54		

Chart No. 26-B

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

100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Flow Necessary To Fill to 75%	Flow Necessary To Fill to 100%
.54	.41	.32			
1.76	1.32	1.06	361.86	1267.02	1685.33
2.40	1.80	1.44			
.816	.61	.49	363.30	1267.38	1685.93
3.20	2.40	1.92	363.79	1267.50	1686.13
.90	.68	.54			
27.60	20.75	16.56	364.33	1267.64	1686.36
3.674	2.76	2.20	380.89	1271.78	1693.26
1.60	1.20	.96			1694.18
.34	.26	.20			
.80	.60	.48			
1.30	.98	.78			
.90	.68	.54			
.60	.45	.36	381.43	1271.92	1694.41
1.60	1.20	.96	381.79	1272.01	1694.56
3.40	2.55	2.04	382.75	1272.25	1694.96
.44	.33	.26	384.79	1272.76	1695.81
.44	.33	.26	385.05	1272.83	1695.92
2.86	2.15	1.72	385.31	1272.90	1696.03
2.20	1.65	1.32	387.03	1273.32	1696.75
1.60	1.20	.96	388.35	1273.66	1697.30
1.00	.75	.60	389.31	1273.90	1697.70
.203	.15	.12	389.91	1274.05	1697.95
.7506	.56	.45	390.03	1274.08	1698.00
.35	.26	.21	390.48	1274.19	1698.19
20.00	15.00	12.00	390.69	1274.24	1698.28
.90	.68	.54			1703.28
12.00	9.00	7.20	391.23	1274.40	1703.51
21.70	16.28	13.02			1706.51
53.10	39.83	31.86	423.09	1282.35	1711.94
20.00	15.00	12.00			1725.22
99.06	74.30	59.44	482.53	1297.21	1730.22
15.22	11.42	9.13	491.66	1299.49	1754.99
13.40	10.05	8.04	499.70	1301.50	1758.80
4.00	3.00	2.40			1761.15
47.80	35.85	28.68			1763.15
7.86	5.90	4.72	504.42	1302.68	1775.10
4.00	3.00	2.40	506.82	1303.28	1777.07
1.30	.98	.78	507.60	1303.48	1778.37
1.40	1.05	.84	508.44	1303.69	1778.40
1.46	1.10	.88	509.32	1303.91	1778.75
1.20	.90	.72	510.04	1304.09	1779.12
1.40	1.05	.84	510.88	1304.30	1779.42
.90	.68	.54			1779.77

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

No.	Name	100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%
105	Farmers Coop. Ditch (2)	50.00	37.50	30.00	
106	Naupa-Meridian Irr. Dist. (1)	370.84	278.13	222.50	733.38
107	Charles S. Miller (1)	.06	.05	.04	733.42
108	Lammis L. Rosley (1)	.02	.015	.01	733.43
109	S. J. Utter, & C. B. Taylor (1)	2.40	1.80	1.44	734.87
110	South Boise Mutal Irr. Co. (1)	6.00	4.50	3.60	738.47
111	Estate of J. H. Gallagher (1)	2.94	2.21	1.76	740.23
112	Anne H. Fogarty (1)	.05	.04	.03	740.26
113	Grace Call (1)	.10	.06	.06	740.32
114	Samuel H. Canfield (1)	.03	.02	.02	740.34
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
116	Sonora Joplin (1)	1.20	.90	.72	741.10
116A	S. G. Hardies & Amelia Elsiey (1)	.94	.63	.50	741.60
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
118	W. H. Conway (1)	2.20	1.65	1.32	862.92
119	Thomas Davis (1)	.54	.41	.32	863.24
120	Middleton Mill Ditch (1)	17.00	12.75	10.20	873.44
121	Thomas Andrews (3)	3.50	2.63	2.10	
122	Settlers Canal Co. (1)	73.44	55.08	44.06	917.50
123	Thomas Aiken (1)	.80	.60	.48	917.98
124	Riverside Irr. Dist. (2)	80.00	60.00	48.00	
124A	W. D. Charters (1)	1.00	.75	.60	918.58
125	R. H. Stockton (3)	1.76	1.32	1.06	
126	Farmers Union Ditch (1)	110.00	82.50	66.00	984.58
127	Charles Rein & James Keogh (1)	1.00	.75	.60	985.18
128	Mathew Casey (1)	.66	.50	.40	985.58
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
132	Canyon Ditch Co. (2)	10.00	7.50	6.00	
133	Riverside Irr. 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
136	H. E. Wimer (1)	.256	.27	.21	1151.05
137	B. P. Weaverling (1)	1.60	1.20	.96	1152.01
137A	Island Highline Ditch Co. (3)	7.00	5.25	4.20	
138	Wesley A. Mace (1)	.40	.30	.24	1152.25
139	Island Highline Ditch Co. (3)	10.00	7.50	6.00	

(1) equals Section I; (2) equals Section II; (3) equals Section III.
(see notes in front of report for further explanations)

Chart No. 26-C

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

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%
50.00	37.50	30.00			1792.27
70.84	278.13	222.50	733.38	1359.93	1884.98
.06	.05	.04	733.42	1359.93	1885.00
.02	.015	.01	733.43	1359.93	1885.00
2.40	1.80	1.44	734.87	1360.29	1885.60
6.00	4.50	3.60	738.47	1361.19	1887.10
2.94	2.21	1.76	740.23	1361.63	1887.84
.05	.04	.03	740.26	1361.63	1887.85
.10	.08	.06	740.32	1361.64	1887.88
.03	.02	.02	740.34	1361.64	1887.88
1.60	1.20	.96			
.80	.60	.48			
.06	.05	.04	740.38	1361.64	1887.90
1.20	.90	.72	741.10	1361.82	1888.20
.84	.63	.50	741.60	1361.95	1888.41
.72	.54	.43			1888.59
.10	.08	.06			1888.62
.40	.30	.24			1888.72
00.00	150.00	120.00	861.60	1391.97	1938.72
2.20	1.65	1.32	862.92	1392.38	1939.27
.54	.41	.32	863.24	1392.36	1939.41
17.00	12.75	10.20	873.44	1394.91	1943.66
3.50	2.63	2.10			
73.44	55.08	44.06	917.50	1405.93	1962.02
.80	.60	.48	917.98	1406.05	1962.22
80.00	60.00	48.00			1982.22
1.00	.75	.60	918.58	1406.30	1982.47
1.76	1.32	1.06			
10.00	82.50	66.00	984.58	1422.70	2009.97
1.00	.75	.60	985.18	1422.85	2010.22
.66	.50	.40	985.58	1422.95	2010.39
83.50	62.63	50.10			2031.27
20.00	15.00	12.00			2036.27
19.10	164.33	131.46	1117.04	1455.82	2091.05
10.00	7.50	6.00			2093.55
70.00	52.50	42.00			2111.05
5.54	4.16	3.32	1150.84	1464.27	2112.44
56.34	42.26	33.80	1151.05	1464.32	2126.53
.356	.27	.21	1152.01	1464.56	2126.62
1.60	1.20	.96			2127.02
7.00	5.25	4.20	1152.25	1464.62	2127.12
.40	.30	.24			
10.00	7.50	6.00			

Section II; (3) equals Section III.
report for further explanations)

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

Priority Date	Name	100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%
7/2/94	Farmers Union	54.46	40.85	32.68	2159.80
3/23/00	New York Irrigation Dist.) Boise Kuna Irrig. Dist.)	58.86	44.15	35.32	2195.12
12/14/03	United States of America	1354.58	1015.94	812.75	3007.87
4/1/05	Pioneer Irrigation Dist.	306.56	229.92	183.94	3191.81
4/1/05	Farmers Cooperative Ditch Co.	154.45	115.84	92.67	3284.48
4/1/05	South Boise Mutual Ditch Co.	5.40	4.05	3.24	3287.72
4/1/08	Pioneer Irrigation Dist.	54.50	40.88	32.70	3320.42
6/1/09	United States of America	926.50	694.88	555.90	3876.32
4/1/10	Riverside Irrigation Dist.	62.78	47.84	38.27	3914.59
*1/13/11	United States of America (Arrowrock Storage)	8000.00			
4/1/14	Riverside Irrigation District	17.70			

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

Chart No. 26-D

OWING DECREED RIGHTS (BRYAN DECREE) & NATURAL FLOW IN
 AND FEET NECESSARY AT DIVERSION DAM TO FILL SAME

100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Flow Necessary To Fill to 75%	Flow Necessary To Fill to 100%
54.46	40.85	32.68	2159.80	3922.75	4375.08
58.86	44.15	35.32	2195.12	3931.58	4389.80
1354.58	1015.94	812.75	3007.87	4134.77	4728.45
306.56	229.92	183.94	3191.81	4180.75	4805.09
o. 154.45	115.84	92.67	3284.48	4203.92	4843.70
o. 5.40	4.05	3.24	3287.72	4204.73	4845.05
54.50	40.88	32.70	3320.42	4212.91	4858.68
926.50	694.88	555.90	3876.32	4351.89	5090.31
63.78	47.84	38.27	3914.59	4361.46	5106.26
8000.00					11106.26
et 17.70					13123.96

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

DEPARTMENT OF RECLAMATION

