

**WATER DISTRIBUTION OF BOISE RIVER
DISTRICT NO. 12-A
1945**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER

AND

DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1945

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

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

BY

WM. E. WELSH

WATERMASTER, BOISE RIVER

CHARTS

1945

1. Map of Boise River, showing canal diversions.
2. 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, 2-G, 2-H, 2-I, 2-J and 2-K are tables showing natural flow of Boise River by days for the period from 1895 to 1940 inclusive. 2-L and 2-M show the same information for the years 1941-42-43-44-45.
3. Table showing mean daily flow of Boise River for a 41-year period.
4. Table showing monthly and annual flow of Boise River in acre feet for the irrigation years from 1894-95 to 1944-45.
5. 5-A, 5-B, 5-C, 5-D and 5-E, daily discharge of all canals (Sections 1 and 2) for irrigation season of 1945.
6. Summary table in acre feet showing monthly and total canal diversions for the irrigation season of 1945.
7. Summary table showing total annual diversions for all Boise Valley canals beginning 1916.
8. 8-A and 8-B, daily discharge of all principal tributary streams feeding water to Boise River below More's Creek for irrigation season of 1945.
9. Two tables showing Boise River at Diversion Dam, canal deliveries, tributary gain, seepage gain and net gain by months in acre feet and average daily flow in 24 hour second feet for the irrigation season of 1945.
10. Two tables for Section 1 of Boise River showing river at Diversion Dam, canal deliveries, tributary gain, seepage gain and net gain between Diversion Dam and Star by months in acre feet, and average daily flow in 24 hour second feet, for irrigation season of 1945.
11. Two tables for Section 2 of Boise River showing river at Star, canal deliveries, tributary gain, seepage gain and net gain between Star and Notus by months in acre feet, and average daily flow in 24 hour second feet, for irrigation season of 1945.
12. Table showing acreage under all canals in the Boise Valley.
13. Table for Boise Valley canals showing acre feet diverted, acres irrigated, and acre feet per acre diverted, for the season of 1945.
14. Table showing acre feet per acre diverted by 18 canals from Boise River for each irrigation season beginning 1916.

CHARTS

(Continued)

15. 15-A is a summary table showing diversions from Boise River in acre feet, acre feet per acre, and the rate in miner's inches per acre for 18 Boise Valley canals for each month of the irrigation season for the years 1916 to 1944 inclusive; also the per cent diverted during each month. 15-B shows this information for 1945.
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 1945.
18. Two tables showing total discharge of all drainage canals in Drainage Districts Nos. 3 and 4 for the irrigation season of 1945.
19. Summary table of return flow to Boise River between the Government Diversion Dam and Notus beginning 1914.
20. 20-A and 20-B, revised area and capacity table for Arrowrock Reservoir.
21. Table showing additional decrees on Boise River (Intervenors in the Stewart Decree), giving priority number, date and amount decreed.
22. Table showing change in point of diversion of decreed rights on Boise River.
23. 23-A and 23-B are tables showing transfer of decreed rights on Boise River.
24. Condensed table of Stewart Decree showing dates of priority and amounts decreed.
25. 25-A, 25-B, 25-C and 25-D are tables of the Stewart Decree grouped under canal headings.
26. 26-A, 26-B and 26-C, are tables in second feet showing decreed rights (Stewart Decree) and natural flow at Diversion Dam necessary to fill same. 26-D is a table in second feet showing decreed rights (Bryan Decree) and natural flow in second feet necessary at Diversion Dam to fill same.

ORGANIZATION

The Boise River Organization for 1945 was the same that it has been for several years past. It includes a Chairman and Secretary, a Watermaster, one Assistant for a few months during the summer, and a part-time Secretary and Stenographer.

There was also an Advisory Committee, although not authorized by law, which includes the Chairman and Secretary. This Committee is elected at the annual meeting in March and is selected from various and representative sections of the Boise Valley. It meets on the forenoon of the day of the annual meeting to prepare and consider a budget and such other items as seem necessary in order to facilitate the business to come before the general water users' meeting in the afternoon of the same day. Such meetings are called by the Chairman, as the case requires, for the purpose of considering problems concerning water distribution, watershed protection and various other matters which may affect the water users of the Boise River.

The Advisory Committee for 1945 was as follows:

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

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

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

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

DECREEES

Stewart Decree:

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

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

decreed in said 'Stewart Decree', then the various rights beginning with the latest and proceeding to the earliest, as aforesaid, shall be reduced to 60 per cent of the amount specified in the Stewart Decree, and 60 per cent of the amount decreed in the Stewart Decree is hereby fixed and determined as the highest duty of water for the year 1919."

Bryan Decree:

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

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

Charts 26, 26-A, 26-B and 26-C relate to the Stewart Decree and show the following information: Number of priority, name to whom decree was issued, amount of decree in second feet showing 100 per cent, 75 per cent and 60 per cent, and section of river in which point of diversion is located. It also shows the amount of natural flow necessary at Diversion dam to fill the various rights in the Stewart Decree, including intervenors, to 60 per cent, 75 per cent and 100 per cent. In computing the

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

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

BOISE RIVER RUN-OFF AND AVAILABLE WATER SUPPLY

The total run-off of the Boise River for the year ending September 30, 1945, was 1,683,282 acre feet. Although this was approximately 84 per cent of an average run-off, it is, however, approximately 280,000 acre feet more water than is ordinarily required to irrigate the entire Boise Valley in years when there is plenty of water for everyone. The natural flow of the river dropped down to the point where it was necessary to begin regulations on the 29th of June when the flow reached 4,311 second feet. Operations were continued from that date throughout the remainder of the irrigation season. Although the flow was slightly below average during the months of July, August and September, there was, however, practically no suffering because of water shortage.

In estimating the available water supply there is, however, one very noticeable change in the crops produced which requires a much heavier duty of water than a few years ago. The growing of row crops, which has been augmented by the demands of the war and the shortage of those particular food crops following the war, requires considerably more water than the crops which were previously produced in the valley.

Charts 2 to 2-K inclusive show the daily natural flow of the Boise River from 1895 to 1940 inclusive. Charts 2-L and 2-M show the daily natural flow of the Boise River for the years 1941, 1942, 1943, 1944 and 1945.

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

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

CANAL REGULATIONS

It was necessary to begin canal regulations about June 29th.

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

Chart 6 shows the monthly and total diversions for the Boise River for the irrigation season of 1945.

Chart 7 is a table showing the return flow, canal diversions, winter diversions and winter waste for the entire Boise Valley for each season beginning 1916.

TRIBUTARY GAIN

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

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

NET GAIN

Chart 9 shows the total flow of the Boise River passing Diversion Dam, canal deliveries, and gain to the river by months in acre feet, and also average daily flow for each month during the season of 1945.

RIVER FLUCTUATION

Fluctuations caused by so many factors beyond the control of the

Watermaster always have been and always will be a menacing problem from the standpoint of maintaining a steady flow of water at the lower end of the Boise River. 1945 was no exception to this rule.

CLASSIFICATION OF RIVER

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

SECTION I

Chart 10 shows the condition that existed in this section during the period July 1st to September 30th inclusive. The average net gain in this section during this period was 213 second feet.

SECTION II

Chart 11 is a table showing the condition that existed in this section during the period July 1st to September 30th inclusive. The average return flow during this period to this section was 538 second feet.

SECTION III

The return flow to Section III was sufficient to take care of all rights in this section during the entire season, and therefore no regulations were required. In fact, during all of the time in which records have been kept of the distribution of the waters of the Boise River beginning in 1914 there has been only one year—1931—during which it was necessary to regulate diversions from this section of the river.

DUTY OF WATER

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

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

"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. The crops grown in the valley change from year to year, depending upon the market and the demand. Our knowledge and methods of irrigation are constantly improving with each year of experience.

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

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

Following is a quotation from "REPORT ON CONSUMPTIVE USE—NET DUTY OF WATER—As Related to the Proper Adjudication of Water Rights on the Boise River", by W. G. STEWARD. Mr. Steward was formerly employed by the United States Reclamation Service in charge of Hydrographic work on the Boise River, and also for several years he was an instructor at the University of Idaho on the same subject. He had made a very comprehensive study of the duty of water, especially on the Boise River, and was well qualified on that subject. For these reasons the following quotations are submitted with the endorsement of the writer:

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

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

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

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

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

Repeating for emphasis, the writer endorses the above quotations from the report by W. G. Steward.

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

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

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

Chart 14 is a table showing acre feet per acre diverted by eighteen canals from the Boise River for each irrigation season beginning 1916.

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

Chart 16 shows the average headgate duty of water for eighteen 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 1945 and a summary for the same diversions since the completion of these drains in 1922. This drainage district embraces an area of 29,000 acres situated on the north side of Boise River between the City of Boise and the canyon near Caldwell.

Chart 18 is a table showing the discharge of all drains in both Drainage Districts Nos. 3 and 4. Drainage District No. 3, frequently referred to as the "South Boise Drainage District", is situated in South Boise.

This district has four drains, all outlets emptying into the Boise River, and comprising an area of approximately 4,200 acres. Drainage District No. 4, frequently referred to as the "Thurman Drain", comprises an area of approximately 2,500 acres and is situated south of the Boise River and opposite the town of Eagle. This district has only one outlet to the Boise River.

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

ARROWROCK CAPACITY

Charts Nos. 20, 20-A and 20-B show the W. G. Steward capacity table for Arrowrock Reservoir as revised by W. H. Tuller, former Project Manager, Boise Project.

ADDITIONAL DECREES OR INTERVENORS

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

CHANGE IN POINT OF DIVERSION

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

STEWART DECREE

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

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

STEWART AND BRYAN DECREE GROUPED BY CANAL HEADINGS

These tables, Charts Nos. 25-A, 25-B, 25-C and 25-D, have been compiled for the benefit of those canal companies who have more than one date of priority. These tables show the date and amount of each priority and the total amount decreed.

BRYAN DECREE

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

WATERSHED

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

SUPPLEMENTAL WATER

Anderson Ranch Dam and Reservoir, now under construction on the South Fork of the Boise River, when completed will practically take care of all of the demands for water for the entire Boise Valley now under irrigation. Although the construction of this project was postponed for some time during the war, it is now moving forward again. It is anticipated that there will be approximately 80,000 acre feet stored for use for the season of 1946 and that before too long the construction of the entire project will be completed.

FLOOD CONTROL

Ever since the serious threat and extended damages caused by the 1943 flood there has been a realization on the part of all concerned

that there must be at the earliest possible date a solution to this problem. To this end the Watermaster, the Advisory Committee and other interested parties have given a great deal of time and consideration. The Corps of Army Engineers have been engaged in making a re-study of the Boise River as a result of the 1943 flood and have recommended the construction of a dam and reservoir, to be known as "Lucky Peak" and to be situated on the Boise River approximately 11 miles above the City of Boise. This dam, if constructed, will store a gross of 306,000 acre feet and a net of 280,000 acre feet.

Insurance	73.00
Engineering Fee	134.72
Sub-total	\$ 2,092.40

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

Boise Heights, Building	100.00
Boise's Creek	120.00
Valley View to Upper River	200.00
Inspection in Current Water Work	235.00
Office Rent, compiling records of natural flow, etc.	225.00
Total value of services as fixed by committee	\$ 1,080.00
Amount paid to Board of Control 12-1 for the limitation period of 1944	\$ 7,702.40

COST REPORT - 1945

Watermaster Salary	\$ 3,616.73
Assistant Watermaster Salary	353.27
Car Mileage.	1,080.12
Miscellaneous.	296.05
Telephone.	115.41
Gage Readings.	22.00
Stenographic Services.	586.58
Insurance.	93.80
Withholding Tax.	<u>534.72</u>
Sub-total	\$ 6,698.68

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

Gage Readers, Dowling.	\$ 180.00
More's Creek	120.00
Telephone Service to Upper River	270.00
Assistance in Current Meter Work	235.00
Office Work, compiling records of natural flow, etc.	<u>225.00</u>
Total value of services as fixed by Committee	\$ 1,030.00
TOTAL COSTS TO WATER DISTRICT 12-A FOR THE IRRIGATION SEASON OF 1945.	\$ 7,728.68

CONCLUSIONS

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

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lised without being injurious to the inherent rights of the water users who are dependent upon this resource for a livelihood.

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

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

13. That the "Court Orders" under which the Boise River has been operated for more than 25 years have proven very satisfactory to the Boise Valley as a whole.

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

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

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

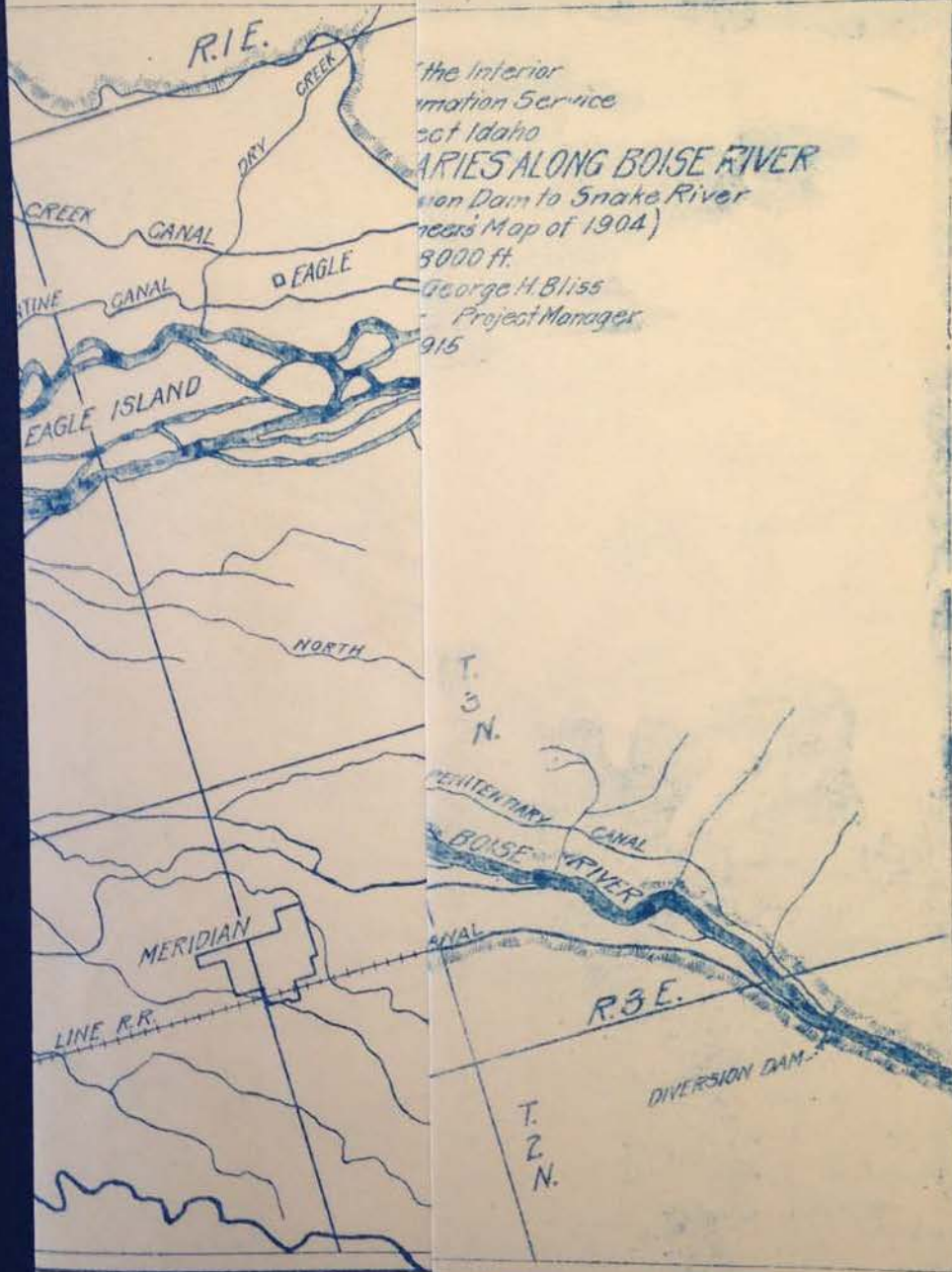
17. That the constant threat of floods is a serious menace to the low lands of the Boise Valley.

18. That Lucky Peak Dam and Reservoir, as recommended by the Army Engineers, seems to be the most logical answer to this flood problem.

FLOW OF BOISE RIVER

Chart 2

Year	18	19	20	29	30	31	Total
1895	170	1330	1280	1100	1140	1280	
1896	180	1350	1430	1680	1680	1590	



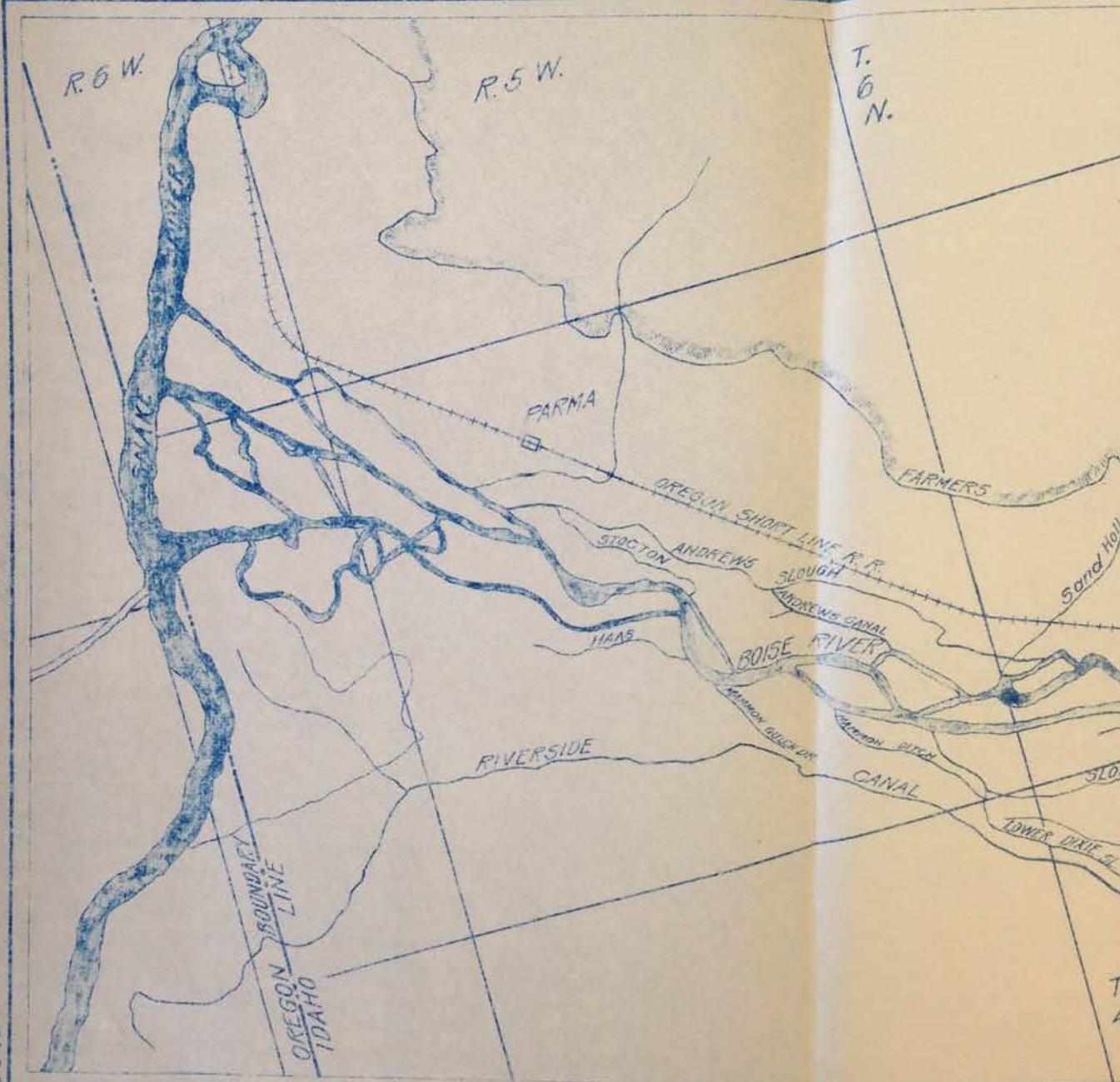
1939	64	931	835	1258	1358	1255	33,746
1940	57	784	660	1058	848	823	26,118
				711	808	843	26,929

FLOW OF BOISE RIVER

Chart 2

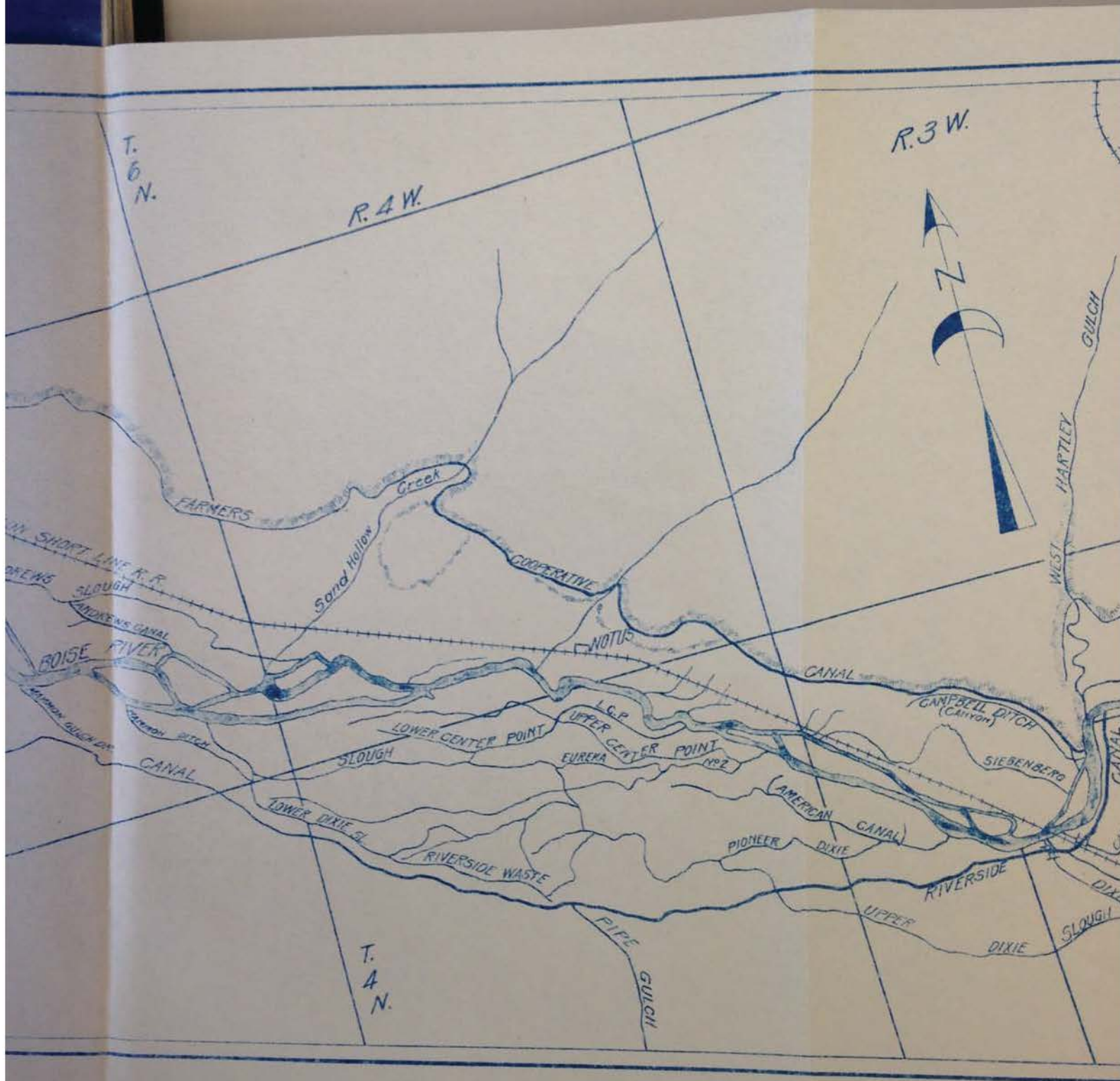
Year	18	19	20	29	30	31	Total
1895	170	1330	1280	1100	1140	1280	
1896	180	1350	1430	1680	1680	1590	

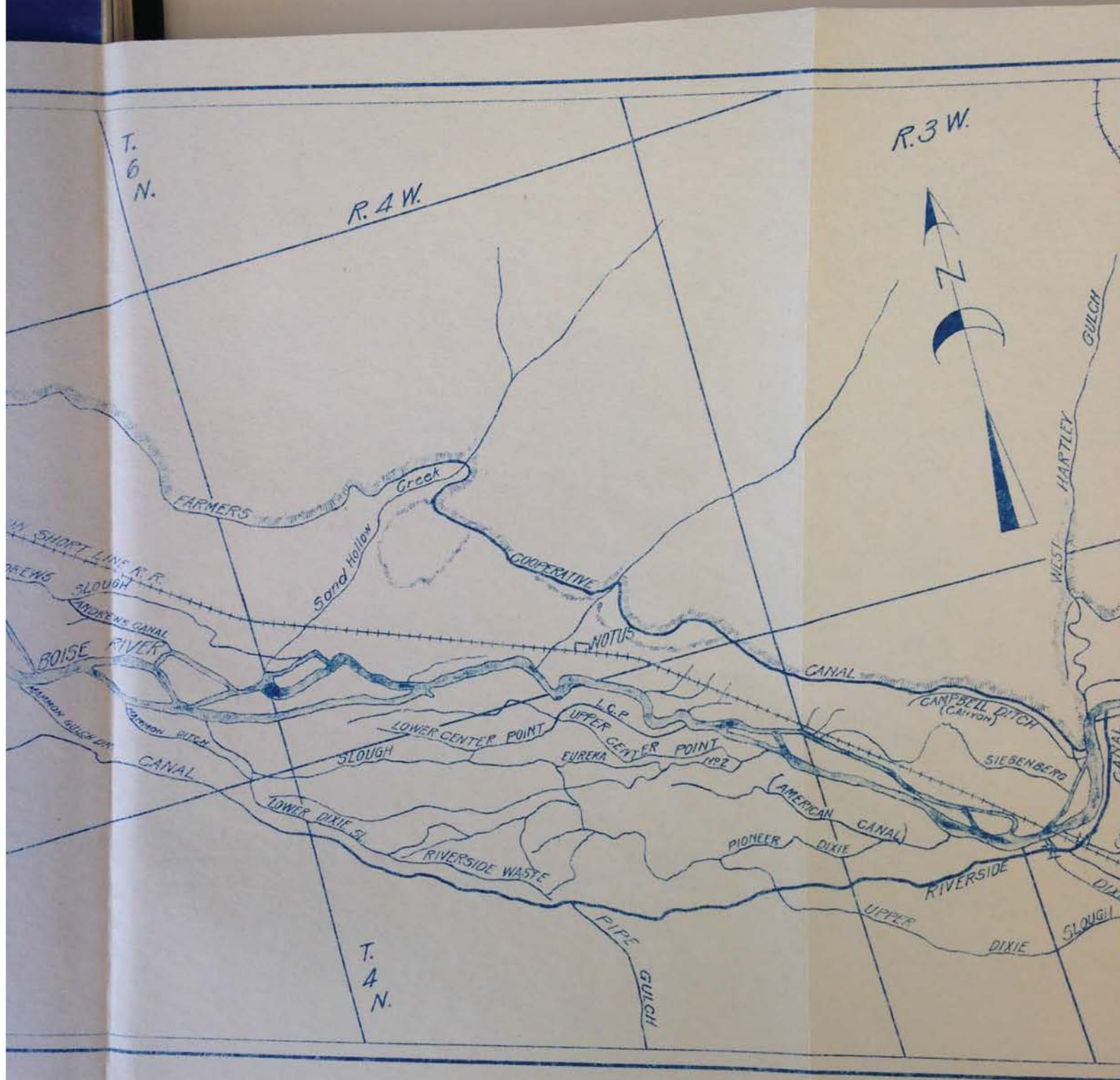
1895



1896

1939	84	931	835	1258	1358	1255	33,746
1940	57	784	660	1058	848	823	26,118
				711	808	843	26,929

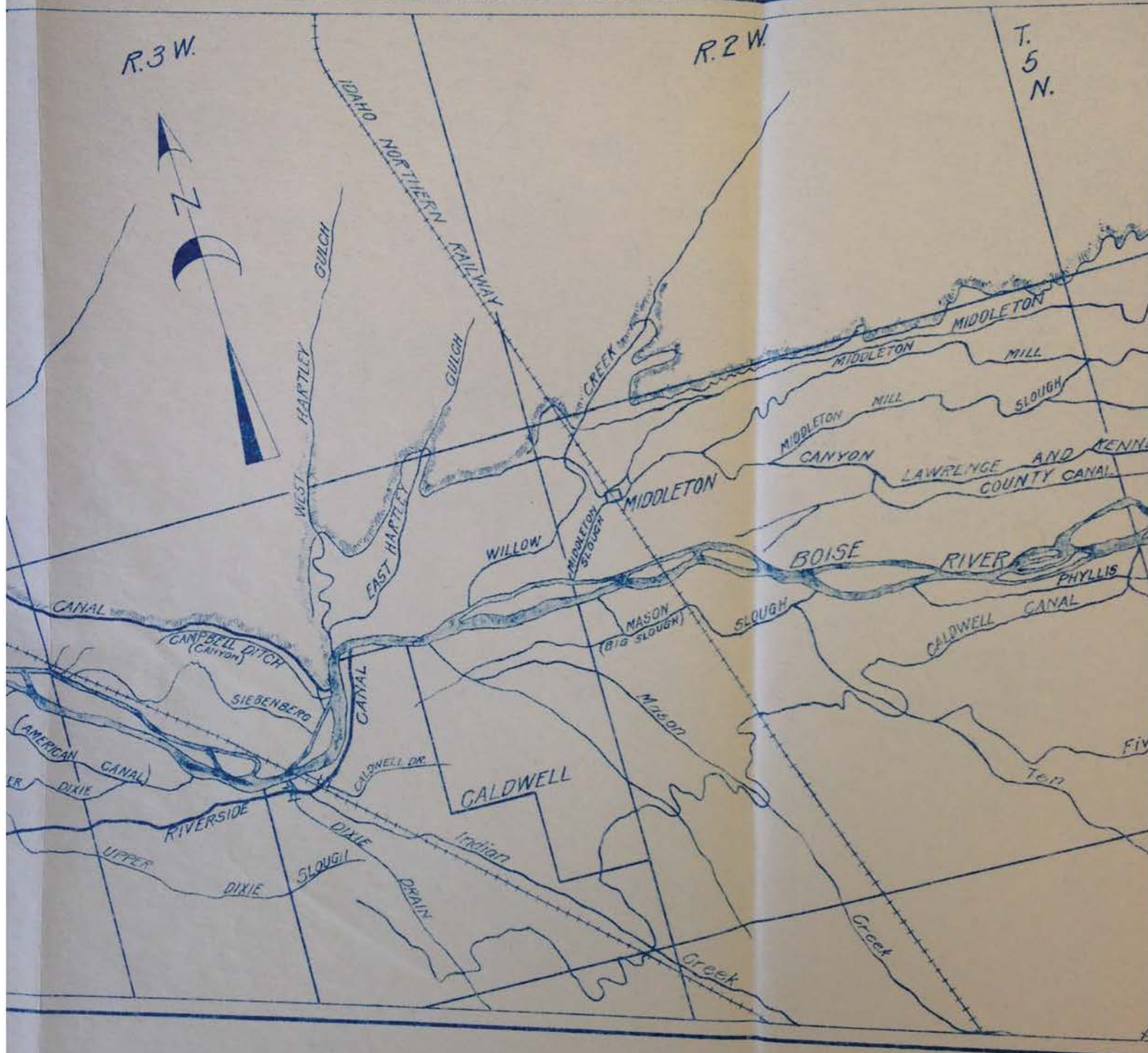


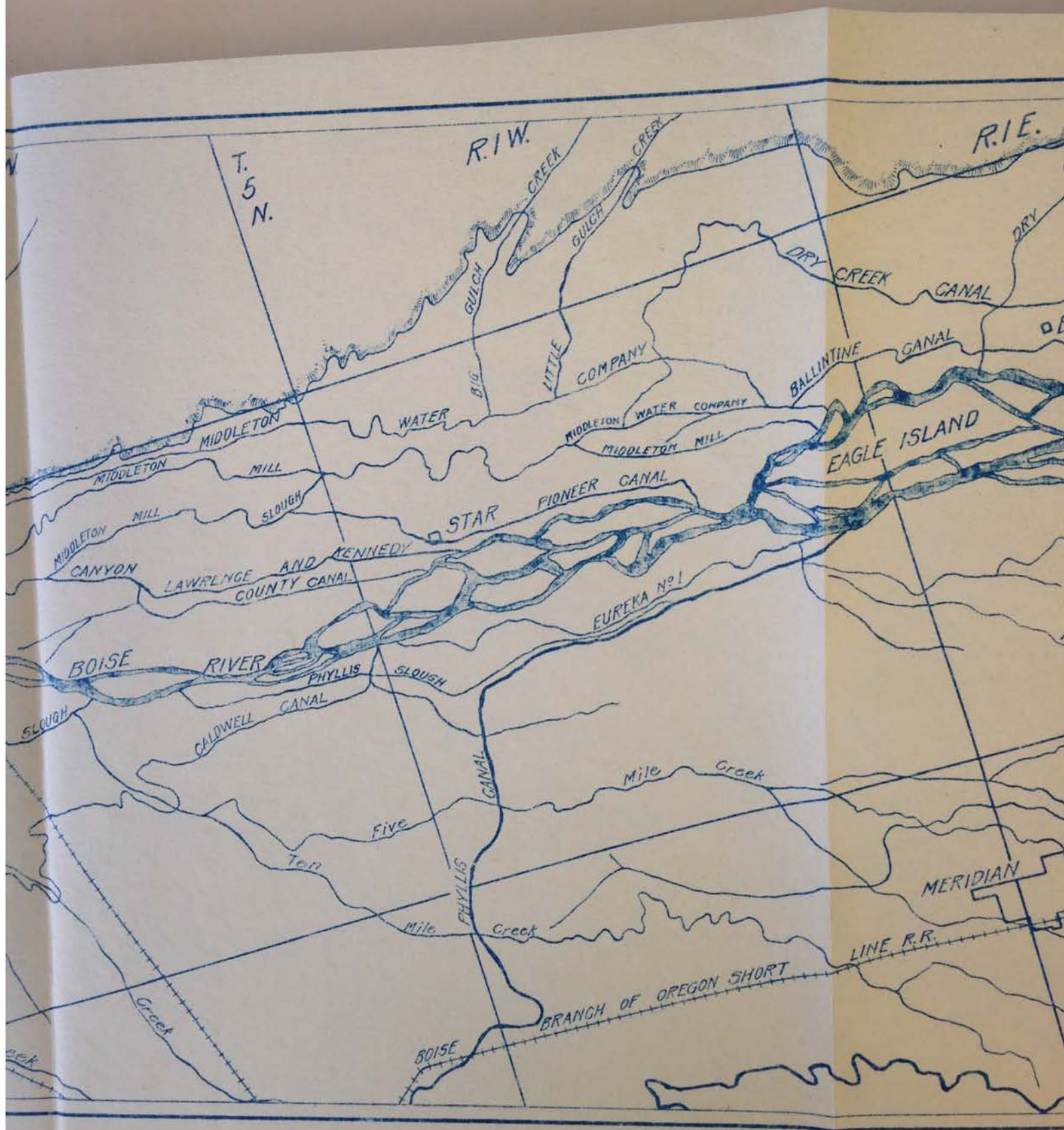


R. 3 W.

R. 2 W.

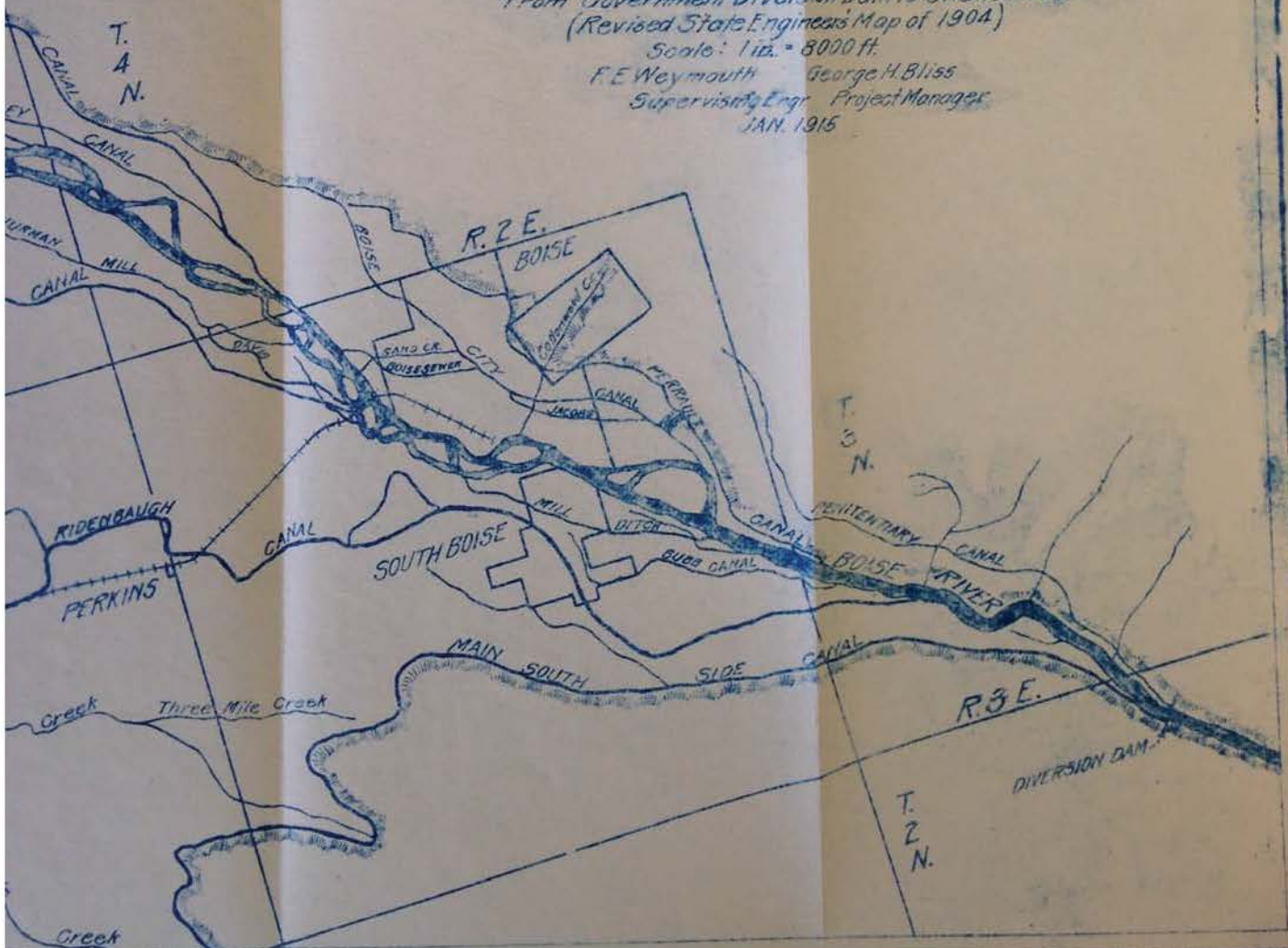
T. 5 N.







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



Year	1	2	3	4	5	6	7	8	9	10	11	12
1895	1470	1410	1280	1320	1330	1240	1180	980	1100	1240	1280	1330
1896	950	1070	720	720	720	720	720	950	950	950	950	1070
1897	1070	1010	1010	950	950	890	890	950	950	1010	890	830
1898			550			550				550		
1899	2580	2580	2580	2580	2580	2780	2780	2780	2780	2780	2780	2780
1900	1570	1680	1680	1570	1680	1680	1680	1570	1360	1360	1570	1910
1901	1200	1200	1350	1310	1370	1510	1390	1350	1350	1350	1270	1270
1902	1120	1270	1190	1140	1080	1120	1120	1140	1120	1040	900	865
1903	1280	1070	945	1040	945	945	945	945	945	945	1080	752
1904												
1905												
1906	700	700	675	700	750	880	750	750	750	810	880	880
1907												
1908	1180	1100	1100	1070	1040	965	900	965	1140	1070	1040	1140
1909	790	980	1100	1220	1220	1140	1140	1140	1310	1140	1060	1020
1910												
1911	870	750	940	1105	1035	1035	1070	1140	1140	1140	1070	1000
1912	990	940	1020	1020	1020	1260	1230	1160	1230	1230	1230	1100
1913												
1914	1080	1150	1220	1220	1220	1220	1220	1220	1080	950	824	824
1915	930	1050	1050	1050	1050	990	990	930	990	930	990	930
1916	715	736	763	760	746	744	740	763	766	763	736	750
1917	679	891	1006	991	936	984	1253	888	715	811	740	760
1918	5248	4046	3033	2462	2244	2153	2078	1964	1826	1738	1428	1410
1919	5569	605	555	535	620	680	740	659	669	674	684	720
1920	883	863	815	737	728	696	784	787	797	698	674	650
1921	2600	2129	3154	2307	2458	2330	2279	1751	1540	1545	1393	1210
1922	972	1280	1255	1111	921	1046	990	1178	1092	983	905	690
1923	1078	765	869	855	944	1028	1426	1538	1390	1317	1210	1150
1924	764	675	659	789	609	484	600	824	945	1248	949	890
1925	923	783	724	782	772	794	837	867	667	714	715	620
1926	604	574	823	866	850	889	940	830	756	688	802	750
1927	1026	1079	1033	1517	1062	1115	1193	1121	941	762	704	1100
1928	791	1142	1433	1510	1566	1590	1368	1230	991	1425	1419	1200
1929	739	690	945	917	692	567	560	721	690	726	811	750
1930	938	842	835	777	762	830	742	440	446	731	771	800
1931	599	872	737	745	797	713	807	686	637	623	750	800
1932	567	678	656	697	617	622	689	687	683	707	734	750
1933	732	661	708	663	697	678	665	744	790	771	690	650
1934	1326	1219	1372	1537	1498	1238	1104	773	834	977	908	1000
1935	984	623	583	660	969	1010	1040	1018	954	966	807	850
1936	702	742	866	831	928	706	657	848	766	835	797	850
1937	345	483	532	584	619	717	699	459	398	483	563	650
1938	875	975	1135	945	734	735	735	734	904	904	989	1000
1939	1221	925	1026	1014	1304	1021	812	686	481	822	794	850
1940	950	1031	1446	1447	1220	1014	864	660	872	1004	1128	1200

Year	1	2	3	4	5	6	7	8	9	10	11	12
1895	1470	1410	1280	1320	1330	1240	1180	980	1100	1240	1280	1330
1896	950	1070	720	720	720	720	720	950	950	950	950	1070
1897	1070	1010	1010	950	950	890	890	950	950	1010	890	830
1898			550			550				550		
1899	2580	2580	2580	2580	2580	2780	2780	2780	2780	2780	2780	2780
1900	1570	1680	1680	1570	1680	1680	1680	1570	1360	1360	1570	1910
1901	1200	1200	1350	1310	1370	1510	1390	1350	1350	1350	1270	1270
1902	1120	1270	1190	1140	1080	1120	1120	1140	1120	1040	900	865
1903	1280	1070	945	1040	945	945	945	945	945	945	1080	752
1904												
1905												
1906	700	700	675	700	750	880	750	750	750	810	880	880
1907												
1908	1180	1100	1100	1070	1040	965	900	965	1140	1070	1040	1140
1909	790	980	1100	1220	1220	1140	1140	1140	1310	1140	1060	1020
1910												
1911	870	750	940	1105	1035	1035	1070	1140	1140	1140	1070	1000
1912	990	940	1020	1020	1020	1260	1230	1160	1230	1230	1250	1100
1913												
1914	1080	1150	1220	1220	1220	1220	1220	1220	1080	950	824	824
1915	930	1050	1050	1050	1050	990	990	930	990	930	990	930
1916	715	736	763	760	746	744	740	763	766	763	736	75
1917	679	891	1006	991	936	984	1253	888	715	811	740	76
1918	5248	4046	3033	2462	2244	2153	2078	1964	1826	1738	1428	141
1919	569	605	555	535	620	680	740	659	669	674	684	72
1920	883	863	815	737	728	696	784	787	797	698	674	65
1921	2600	2129	3154	2307	2458	2330	2279	1751	1540	1545	1393	121
1922	972	1280	1255	1111	921	1046	990	1178	1092	983	905	69
1923	1078	765	869	855	944	1028	1426	1538	1390	1317	1210	115
1924	764	675	659	789	609	484	600	824	945	1248	949	89
1925	923	783	724	782	772	794	837	867	667	714	715	62
1926	604	574	823	866	850	889	940	830	756	688	802	7
1927	1026	1079	1033	1517	1062	1115	1193	1121	941	762	704	11
1928	791	1142	1433	1510	1566	1590	1368	1230	991	1425	1419	12
1929	739	690	945	917	692	567	560	721	690	726	811	7
1930	938	842	835	777	762	830	742	440	446	731	771	8
1931	599	872	737	745	797	713	807	686	637	623	750	8
1932	567	678	656	697	617	622	689	687	683	707	734	7
1933	732	661	708	663	697	678	665	744	790	771	690	6
1934	1326	1219	1372	1537	1498	1238	1104	773	834	977	908	10
1935	984	623	583	660	969	1010	1040	1018	954	966	807	9
1936	702	742	866	831	928	706	657	848	766	835	797	8
1937	345	483	532	584	619	717	699	459	398	483	563	6
1938	875	975	1135	945	734	735	735	734	904	904	989	9
1939	1221	925	1026	1014	1304	1021	812	686	481	822	794	7
1940	950	1031	1446	1447	1220	1014	864	660	872	1004	1128	11

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

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

JANUARY

Chart 2

21	22	23	24	25	26	27	28	29	30	31	Total
240	1220	1240	1210	1140	1040	1070	950	1100	1140	1280	
870	1870	1870	1350	1280	1510	1680	1770	1680	1680	1590	
830	830	950	770	720	720	620	620	830	950	1010	
			550			550			550	550	
980	2980	2780	2780	2780	2780	2060	1580	1340	1220	1220	
180	2040	2040	2040	1680	1680	1680	1680	1680	1680	1680	
310	1350	1310	1270	1240	1200	1200	1200	1130	1130	1200	
000	970	900	830	830	830	830	760	695	830	1120	
950	1680	1380	2400	4100	2990	2400	2010	1680	1570	1470	
810	960	880	810	810	960	880	810	810	750	750	
140	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
520	578	526	480	387	486	560	676	683	836	642	19,306
747	721	735	808	684	613	721	873	617	663	757	21,963
887	1021	1159	2056	2184	1636	1477	1421	1301	1279	1206	39,840
506	667	848	924	939	893	812	826	923	836	837	26,128
805	695	613	638	617	582	417	429	418	411	413	22,306
629	449	549	644	654	604	654	709	657	710	611	18,784
1060	1250	1568	1445	1195	1020	1125	1165	1228	1358	1255	33,746
839	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	11	12
1895	1240	1240	1260	1180	1140	1190	1190	1180	1180	1210	1100	1010
1896	1590	1350	1350	1070	1070	950	950	1070	1070	1070	1010	1070
1897	1010	950	830	830	1010	1070	1010	1350	1350	1210	1140	1140
1898			550				550			1060		
1899	1220	1220	1100	1100	1220	1220	1100	1340	1580	1940	1580	1580
1900	1780	1790	1790	1790	1680	1520	1570	1570	1680	1570	1460	1460
1901	1240	1130	1200	1240	1130	1240	1160	1160	1100	1200	1200	1270
1902	1270	1350	1350	1440	1350	1350	1310	1800	2000	2000	1900	1800
1903	1680	1380	1280	1280	1280	1330	1200	1330	1280	1200	1110	945
1904												
1905												
1906	810	780	780	810	750	780	780	810	810	810	810	880
1907								3540	3540	3420	3060	2950
1908			1240	1240	1180	1100	1100	1070	1070	1040	1000	1000
1909	1860	1760	1760	1720	1490	1400	1490	1580	1500	1490	1440	1580
1910												
1911	2450	2340	1680	1600	1740	1640	1370	1300	1230	1325	1410	1325
1912	1100	990	990	1020	1230	1230	1170	1230	1230	1460	1550	1380
1913												
1914	1220	1220	1020	950	1150	824	1020	1220	1020	1080	1220	1080
1915	1330	1480	1480	1330	1180	1050	1050	1050	1050	1050	990	930
1916	835	854	868	834	863	887	1017	1106	1127	1148	1206	1182
1917	684	684	690	690	880	800	783	793	783	695	695	948
1918	1225	1287	1040	1127	1229	1457	1429	1437	1380	1370	1355	1488
1919	697	732	802	835	811	814	832	855	858	847	1062	1351
1920	1517	1498	1474	1428	1374	1345	1334	1259	1182	1063	1021	976
1921	1453	1262	1416	1230	1267	1178	1208	1199	1239	1270	1485	1215
1922	973	788	788	787	872	794	952	1152	1383	1197	1110	1014
1923	678	629	730	781	841	781	554	817	982	861	932	671
1924	838	983	1066	962	985	981	1008	2050	2445	1966	1336	1107
1925	1023	1213	2195	2895	5775	5859	5169	5846	2972	2088	1758	1638
1926	794	795	772	941	1067	1136	2100	1900	1620	1485	1497	1354
1927	1047	1164	1449	1826	1924	1999	1754	1564	1607	933	911	1060
1928	1236	1297	1434	1464	1326	1591	1612	1577	1291	1447	1549	1324
1929	762	1172	1146	932	1112	1097	867	614	614	705	737	508
1930	846	823	832	924	760	846	847	1094	1087	975	1055	971
1931	752	761	761	765	792	855	850	782	466	772	836	837
1932	646	600	801	529	492	498	659	655	688	810	653	569
1933	697	770	755	638	584	708	677	692	593	585	655	788
1934	1168	1227	1459	1327	1332	1338	1475	1560	1610	1733	1506	1465
1935	828	868	945	933	970	1076	1156	1257	1038	744	924	917
1936	524	657	606	689	787	661	686	598	557	557	708	728
1937	700	730	674	796	723	654	682	678	678	671	723	723
1938	1204	1133	1394	1233	1198	1169	1163	1168	1163	1159	1412	1505
1939	699	591	609	860	885	895	1003	785	775	764	793	1045
1940	820	744	953	982	1044	1009	1262	1205	1076	1061	1439	1273

FEBRUARY

11	12	13	14	15	16	17	18	19	20	21	22	
1100	1010	1100	1180	1070	1100	1180	1210	1180	1220	1210	1210	12
1010	1070	1070	1010	1070	1070	1010	1010	1070	1070	1070	1140	12
1140	1140	1070	1070	1070	1010	1010	950	950	890	830	890	8
			1230			1750				1400		
1580	1580	1580	1340	1460	1460	1580	1580	1580	1580	1460	1460	13
1460	1460	1460	1460	1460	1460	1360	1460	1460	1460	1680	2480	22
1200	1270	1270	1240	1350	2430	2120	1870	2180	2180	2020	1820	19
1900	1800	1560	1350	1310	1270	1350	1440	1390	1350	1270	1270	12
1110	945	865	1020	790	945	1110	1020	1020	1020	1020	1110	11
810	880	920	960	1010	1160	1240	1280	1330	1310	1280	1310	128
3060	2950	2900	2840	2900	2900	2950	2900	2900	2840	2900	2840	290
1000	1000	930	930	965	1070	1040	1040	965	1000	965	1000	104
1440	1580	1960	1760	1760	2160	3400	2970	2610	2550	2580	2060	206
1410	1325	1370	1230	1170	1140	1060	1230	1230	1230	1140	1110	117
1550	1380	1340	1300	1260	1300	1460	1880	1780	1550	1460	1420	146
1220	1080	1080	1080	1080	950	1020	1220	1220	1300	1530	2190	230
990	930	930	820	730	820	930	1050	1110	1110	1050	1050	110
1206	1182	1106	1066	1057	1074	1109	1111	1159	1158	1164	1183	12
695	948	857	857	857	765	800	972	923	917	825	834	9
1355	1488	1493	1583	1534	1477	1432	1382	1486	1417	1449	1345	13
1062	1351	1556	1263	938	927	995	992	973	943	930	908	9
1021	976	1041	999	977	1017	1073	1130	1099	1102	1160	1176	11
1485	1215	1680	1900	2044	2933	2414	1311	1236	1465	1500	2195	22
1110	1014	889	731	670	753	1023	1101	1280	1233	1115	865	7
932	671	759	772	873	928	761	934	831	936	1022	1041	10
1336	1107	1307	1222	1178	1282	1356	1334	1266	1142	1164	1145	13
1758	1638	1637	1778	1775	1608	1381	1443	1443	1558	1677	1938	18
1497	1354	1252	1056	1033	1017	1000	1031	1004	1020	1020	1000	9
911	1060	1234	1243	1255	1150	1318	1204	1481	1789	3015	4104	34
1549	1324	1166	1475	1166	924	1188	1192	1442	1452	1593	1426	14
737	508	750	794	823	866	845	996	1049	1078	1044	931	7
1055	971	969	881	1343	1488	1268	1405	1290	1163	1767	1455	17
836	837	688	630	862	890	887	974	925	908	1005	832	8
653	569	549	436	431	543	466	468	489	534	406	666	6
655	788	781	713	770	940	702	768	777	769	763	769	9
1506	1465	1324	1322	1316	1384	1463	1465	1314	1192	1595	1550	14
924	917	918	928	883	753	781	922	934	1062	1119	1101	10
708	728	1003	835	1042	608	776	1012	716	896	843	1137	11
723	723	670	795	715	870	875	865	786	709	578	612	8
1412	1505	1707	1436	1459	1443	1199	1189	1128	1201	1437	1108	15
793	1045	811	811	813	911	675	799	798	909	762	883	15
1439	1273	987	910	1329	1058	947	1047	953	840	818	837	9

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				1460			1750				
1460	1460	1340	1220	1220	1340	1460	1460				
1680	2480	2330	2180	2040	2180	2040	2040				
2020	1820	1970	1870	2070	1970	4160	4380				
1270	1270	1270	2880	2460	2220	2110	1800				
1020	1110	1110	1110	1110	1020	1110	1110				
1280	1310	1280	1200	1160	1160	1110	1300				
2900	2840	2900	3060	3180	3420	4060	4130				
965	1000	1040	1140	1180	1210	1240	1320	1360			
2580	2060	2060	2160	2160	2110	2060	2110				
1140	1110	1170	1140	1170	1170	1140	1060				
1460	1420	1460	1380	1160	1160	1260	1230	1080			
1530	2190	2300	2140	1980	1880	1700	1790				
1050	1050	1104	995	1070	1076	1036	1112				
1164	1183	1223	1224	1222	1212	1248	1228	1160			
825	834	937	869	1096	1022	1156	1035				
1449	1345	1366	1431	1429	1418	1401	1401				
930	908	943	939	916	901	975	1087				
1160	1176	1147	1053	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	754	1050	911	837	998	870				24,860
1767	1455	1715	1487	1282	1275	1175	1171				32,194
1005	832	856	706	805	788	835	829				22,649
406	666	672	614	644	670	814	1052	1239			18,378
763	769	900	767	746	744	752	765				20,568
1595	1550	1190	1479	1327	1398	1407	1550				39,474
1119	1101	1043	1039	1036	920	1006	1037				27,168
843	1137	1170	1102	1087	947	857	942	947			23,678
578	612	858	758	797	801	781	962				20,864
1437	1108	1207	1207	1102	1219	1366	1424				35,753
762	883	891	968	998	1094	897	861				23,585
818	837	949	1051	1048	1246	2085	4011	4878			37,862

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	1470	1530	1490	1410	1370	1320	1330	1350	1410	1510	1640	1610
1896	1510	1350	1350	1280	1350	1070	1070	1210	1350	1210	1280	1280
1897	890	890	1010	1070	1070	1010	1070	1140	1070	1010	1010	890
1898	1750	1920	1920	1920	2250	2430	2430	2260	2260	2430	2770	2600
1899	1580	1580	1580	1580	1460	1460	1460	1460	1340	1340	1340	1400
1900	1910	2040	2040	2180	2040	2330	2720	2980	3910	4230	4810	5990
1901	3930	4600	4270	3930	5060	2880	3260	3260	2880	2720	2640	2430
1902	1700	1610	1520	1480	1440	1440	1440	1440	1440	1410	1420	1390
1903	1110	1150	1200	1200	1200	1110	1090	1020	1020	1110	1200	1200
1904	3370	2760	2760	2560	2560	2560	3370	8180	11500	6760	5320	4890
1905												
1906	1240	1110	1110	1110	1110	1060	1060	1240	1390	1470	1430	1390
1907	3670	3060	3060	3000	2950	4550	4340	4480	4410	4200	4060	3930
1908	1280	1210	1100	1040	1140	1100	1040	965	1000	1000	1070	1210
1909	2160	2270	2440	2490	2670	2550	2610	2730	2790	2610	2550	2610
1910	5360	5500	6700	6700	7170	6850	6550	6700	6700	6700	6850	7170
1911	1060	1060	1110	1230	1230	1230	1370	1495	1450	1450	1495	1540
1912	1160	1230	1160	1040	1040	1160	1260	1230	1200	1220	1230	1230
1913	1050	1100	1150	1200	1200	1340	1340	1340	1580	1670	2140	2140
1914	1880	1880	1880	1980	2080	2080	2080	2490	2670	2880	3220	3300
1915	1062	992	998	1060	1019	1009	1000	936	962	955	1093	1195
1916	1095	1021	961	910	1039	1050	976	998	1349	1968	2600	3064
1917	1038	913	914	1006	1036	916	997	990	987	944	904	944
1918	1389	1362	1354	556	942	1242	1485	1361	1455	1537	1700	1645
1919	1186	1278	1385	1290	1154	1178	1171	1163	1016	948	961	1069
1920	911	1059	1097	1107	1206	1059	1128	1022	1086	1171	1260	1257
1921	2420	2403	3000	3954	4963	5680	4793	4212	4605	4116	3755	4010
1922	966	791	1156	1099	1176	1052	1001	1109	937	962	889	917
1923	1292	1448	1558	1347	1309	1423	1302	1309	1092	1083	962	1182
1924	1117	952	1202	1267	1155	1101	1113	1150	1093	1008	1106	1179
1925	1718	1562	1671	1765	1930	2758	3451	3358	2995	2556	2114	2019
1926	1202	1300	1387	1487	1756	1725	1529	1619	1608	1688	1803	1666
1927	2525	2255	2511	2289	3068	3019	3376	3240	3108	3073	2642	2793
1928	1167	1286	1049	1415	1375	1375	1157	1674	1888	2664	3047	5304
1929	771	936	822	950	1060	1055	1219	1245	1350	1272	2102	1527
1930	1109	958	1114	947	1117	1456	1301	1119	1205	1051	1045	1117
1931	678	658	830	917	858	866	863	725	836	964	906	1008
1932	1428	1349	1203	1001	797	936	968	772	612	587	523	425
1933	818	792	761	748	752	687	696	700	731	826	824	836
1934	1277	1437	1573	1798	1355	1797	1802	1685	1658	1644	1619	1710
1935	1131	1204	1176	1098	1140	1115	919	1044	1161	1096	847	1094
1936	1060	1113	1325	1444	1513	1415	1504	1561	1549	1628	1656	1581
1937	790	989	1096	962	1033	960	1019	1107	1192	1049	1089	1490
1938	1642	2168	2514	2687	2426	2421	2152	2171	2235	2239	2239	2307
1939	860	775	908	1023	1004	1017	906	878	986	869	1097	1130
1940	4175	3300	2919	2488	2269	2210	1929	2065	2602	2525	2309	2061

MARCH

1	12	13	14	15	16	17	18	19	20	21	22	23
540	1610	1550	1490	1410	1370	1350	1370	1390	1390	1390	1390	1390
280	1280	1350	1350	1350	1350	1280	1350	1350	1590	2430	2970	3120
010	890	770	890	890	890	1090	1070	1010	950	950	1010	1210
770	2600	2430	1920	2090	1920	1750	1750	1750	1750	1920	1750	1580
340	1400	1400	1340	1340	1340	1340	1580	1940	2060	2060	1820	1820
810	5990	5990	5860	5860	6120	6120	6390	6390	6120	6120	6120	6660
640	2430	2180	2180	2180	2180	2570	2570	2570	2720	2880	3930	3480
420	1390	1390	1350	1350	1350	1350	1350	1350	1350	1440	1440	1440
200	1200	1380	1470	1570	1570	1570	1570	1620	1680	1680	1900	2010
320	4890	4480	4090	3900	3540	3720	3900	4890	4680	4380	4000	3900
							1930	1850	1660	1630	1630	1630
1430	1390	1350	1280	1160	880	750	810	880	1060	1160	1240	1350
1060	3930	3740	3480	3540	3670	3540	6220	10600	10800	11300	9990	8630
1070	1210	1360	1560	2780	3950	3810	4940	4100	5270	3020	2840	2780
2560	2610	2610	2850	3210	3780	4130	4130	3990	4130	3850	3850	4060
6850	7170	7490	8450	8770	9250	9890	10400	11800	15200	15600	16600	16100
1495	1540	1540	1640	1895	2170	2555	2670	2980	3370	3910	4200	4800
1230	1230	1230	1340	1380	1500	1460	1420	1380	1380	1290	1300	1420
2140	2140	1840	1670	1500	1500	1500	1670	1670	1500	1340	1420	1340
3220	3300	3520	3750	3830	4340	4730	5120	5530	5780	5120	4780	4730
1095	1195	1186	1224	1206	1295	1379	1285	1540	1669	1546	1951	2183
2600	3064	3552	3443	3345	3506	4057	4521	4902	5657	6189	5434	4801
904	944	812	905	866	887	826	865	848	926	1024	1016	1020
1700	1645	1744	1699	1758	2397	2209	2118	2637	2705	3355	3813	4013
967	1069	1080	1063	1035	1123	1195	1138	1135	1280	1488	1788	1819
1260	1257	1293	1490	1569	1470	1534	1444	1393	1342	1443	1808	2109
3755	4010	4085	3895	4426	4168	4590	4450	5725	5346	4581	5073	4960
889	917	990	725	485	777	1255	1822	2246	2395	2310	2235	2681
962	1182	1242	1158	1614	1033	1057	1148	1122	1064	1290	1237	1219
1106	1179	1044	1078	1016	974	969	958	964	964	1028	976	948
2114	2019	1995	1789	1790	1844	1983	1982	1988	2033	2661	3692	4305
1803	1666	1828	2490	2728	3083	3576	3135	2939	2805	2769	2811	3040
2642	2793	2492	3090	3901	3346	2755	3078	2766	2728	2486	2462	2777
3047	5304	4629	3924	3468	3168	3096	3370	3742	4360	5013	6156	8715
2102	1527	1838	1633	1582	1634	1720	1856	1860	1920	2042	3083	2758
1045	1117	1113	1261	1479	1637	1565	1670	1693	1705	1900	2038	2073
906	1008	1288	1209	1220	1385	1416	1527	2571	2553	2565	2865	2833
523	425	1519	1339	1478	1533	1501	1836	4216	8578	6327	3770	2934
824	836	1117	1090	1002	1074	1221	1313	1257	1273	1335	1141	1098
1619	1710	1737	2141	2312	2658	2822	2573	2354	2330	2320	2466	2662
847	1094	1118	1364	1774	1797	1687	1588	1616	1413	1528	1418	1397
1656	1581	1767	1654	1434	1293	1444	1398	1468	1722	2304	2481	2260
1089	1490	1505	1632	1906	2266	2159	2510	2013	1649	1577	1462	1428
2239	2307	3039	3496	3291	3526	4726	4586	4644	4468	3838	3471	3509
1097	1130	1378	1424	1283	1105	1621	1981	2445	3140	3413	3878	4466
2309	2061	1760	1737	1933	1711	1738	1859	2078	2107	2227	2467	2746

Chart 2B

	22	23	24	25	26	27	28	29	30	31	TOTAL
90	1390	1390	1430	1550	1740	2060	3000	5430	2860	2590	
30	2970	3120	4100	4100	6490	8260	6810	6190	4100	3930	
50	1010	1210	1510	1870	3120	3430	3120	2970	2690	2430	
20	1750	1580	1400	1400	1400	1400	1400	1580	1750	1750	
60	1820	1820	1940	3760	2130	2580	2780	2780	2780	2580	
20	6120	6660	6660	6660	6920	6660	5330	5330	5060	5060	
880	3930	3480	3060	3060	2640	2570	2430	2240	2180	2180	
440	1440	1440	1440	1440	1440	1480	1440	1440	1440	1440	
880	1900	2010	2400	9340	5520	4100	4750	5970	7900	8070	
380	4000	3900	3540	3460	3210	3290	3050	4680	4680	4090	
630	1630	1630	1640	1640	1940	2090	1860	1860	1820	1650	
160	1240	1350	1490	2250	2840	3180	3180	3360	3480	4130	
300	9990	8630	7910	7430	6740	6300	6070	5920	5770	5700	
5020	2840	2780	2900	3200	3020	2960	2720	2560	3020	2620	
0850	3850	4060	4130	4550	4840	3780	6280	6700	6450	6620	
5600	16600	16100	12160	10600	10200	9250	9090	8770	8450	8290	
3910	4200	4800	4800	4350	3840	3665	3500	3630	4500	4050	
1290	1300	1420	1600	1730	2030	2480	2970	3360	3230	3130	
1340	1420	1340	1340	1340	1200	1200	1480	1970	4040	4130	
5120	4780	4730	4670	4540	3880	3690	3260	3090	3040	3000	
1546	1951	2163	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	2581	2738	3288	3278	3678	4099	4812	5241	
1443	1808	2109	2168	2108	1859	1852	1755	1579	1495	1559	
4581	5073	4960	4927	5093	4881	4413	4092	4221	4306	4633	
2310	2235	2681	4669	4453	3473	3156	2936	2782	2429	2972	
1290	1237	1219	1332	1419	1804	1610	1884	2721	3359	4330	
1028	976	948	995	866	1058	900	997	919	914	764	
2661	5692	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	8959	8443	7252	6658	5978	136,423
2042	3083	2758	1681	1745	1575	1578	1820	1984	1976	2318	50,952
1900	2038	2073	2029	2094	2242	2972	2312	2505	2948	3073	51,808
2565	2865	2833	2400	1950	1856	1504	1700	1623	1351	1718	45,623
6327	3770	2934	2845	2955	2965	2460	2254	3060	2918	2724	67,913
1335	1141	1098	1081	1003	997	1099	1106	1640	1644	1665	32,237
2320	2466	2662	2685	2458	2445	2285	2760	5492	6110	5265	75,848
1528	1418	1397	1234	1386	1433	1364	1349	1349	1709	1926	41,575
2304	2481	2260	2057	1858	1681	1624	1668	1624	1491	1393	50,030
1577	1462	1428	1285	1321	1402	1473	1493	1600	1723	1755	44,935
3838	3471	3509	3305	3402	2310	3581	3347	3439	3194	2840	95,513
3413	3878	4466	4809	5842	6017	5680	5766	5652	5231	5563	82,147
2227	2467	2746	3117	3521	5356	9146	8989	6379	5321	5712	100,756

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	
1895	2470	2350	2460	2560	2330	2210	2120	2250	2520	2830	3020	3240	3
1896	3760	2970	2830	2830	2970	2970	4100	4470	3760	4890	3930	3930	6
1897	2560	2190	2080	2190	2080	2430	2430	2310	2970	3590	4890	6490	7
1898	1580	1750	1750	1400	1230	1400	1750	1580	1580	2090	2260	2600	3
1899	2780	2980	2980	3170	3760	3760	3760	4580	5580	7000	7600	8320	8
1900	5060	6660	7450	6920	6660	7180	7720	7450	6650	6660	5860	6390	7
1901	2070	2240	2430	2360	2300	2300	2300	2300	2360	2720	3460	4380	5
1902	1390	1850	1930	2460	2460	2460	3365	4160	3030	2590	2590	2660	2
1903	7110	6520	5710	5710	5220	5220	5220	4310	4530	7740	6810	5710	4
1904	4090	4090	4480	5320	5770	6010	5770	5890	6760	10400	11500	13700	15
1905	1650	1710	1750	1840	1970	2320	2810	2920	3050	2810	2570	2470	2
1906	4550	3670	3240	3060	2900	3540	4340	5110	5250	5620	4830	4620	4
1907	6520	6670	6970	7040	7270	7350	7510	8230	9030	11600	11600	13680	14
1908	2190	2190	2290	2500	3140	2900	2780	2800	3140	5180	5580	6780	8
1909	6650	7450	8200	7550	7100	6400	5900	5900	5600	6600	6550	6450	7
1910	8290	8290	8930	8450	8450	8450	8610	8930	9890	10500	11500	12000	11
1911	6150	6560	6550	6100	5750	5280	4970	4520	4790	5050	4750	4280	4
1912	3230	3770	4740	5300	5280	4090	5060	6100	7200	8070	7870	7360	6
1913	4640	4300	3840	3370	3730	4110	4050	3990	4230	4600	5280	5980	6
1914	2690	2920	3260	4140	6260	7270	7360	7760	7840	8420	8500	8100	8
1915	1975	2230	2616	2764	2684	2821	2763	2591	2640	2677	2799	2997	3
1916	5108	5908	6338	6649	6947	6649	6611	7382	7735	8916	11761	11644	10
1917	1538	1386	1557	1500	1522	2002	2515	3849	2374	3735	3881	4131	6
1918	6402	6266	6621	5948	4910	4575	4018	4595	4356	4985	7036	7100	6
1919	5805	6183	6303	7518	8333	7507	6650	5390	4657	4320	4467	4513	4
1920	1549	1628	1531	1432	1533	1963	2111	2495	2798	3230	3602	3889	4
1921	4960	5767	7327	8563	6136	7996	5956	5193	4763	4887	6514	5327	7
1922	3260	2889	2775	4554	4485	4692	4458	6294	6242	5026	5028	3849	3
1923	4206	4488	4476	4386	3861	3958	4326	3854	3633	3645	3874	5255	4
1924	933	944	962	1132	962	1056	1305	1922	2506	2714	2762	2722	2
1925	5595	5335	5480	5275	7895	7885	7895	7900	8830	10400	11355	13050	14
1926	1991	1761	1894	1767	2133	2025	2316	2702	3180	3305	3319	3344	3
1927	4481	5998	5446	4916	4032	4406	4917	5380	5659	5298	4742	4570	3
1928	5834	5406	5252	4801	4587	4407	3948	3809	3590	3952	3737	4216	3
1929	1871	1814	1951	2290	2609	2586	2202	2129	1930	1688	1726	1701	1
1930	2581	3183	2944	3242	3610	4160	5125	5379	5540	5662	5685	5631	5
1931	2199	3177	3354	2629	2470	2533	2709	3256	3115	3192	3072	3206	3
1932	3195	3973	4861	5209	4783	4470	4032	4038	4045	4011	4576	5694	7
1933	1590	1914	2492	3599	3806	3357	3080	2669	2455	1864	1512	1407	1
1934	4654	4001	3629	3525	3291	2945	3039	3299	3634	3548	4155	4344	4
1935	1763	1721	1651	1964	2515	2513	2285	3268	4057	4412	4198	4443	4
1936	1390	1325	1255	1342	1284	1257	1301	1543	2409	3573	4529	6748	8
1937	2008	2800	3385	2295	2160	1990	1889	1776	1642	1960	1960	1988	2
1938	2807	2545	3270	2989	3119	3515	3893	4296	4548	4828	5365	5802	6
1939	5941	6390	6610	6985	6927	6185	5572	5178	5441	4937	4823	4697	4
1940	9288	8136	6835	5923	5711	5180	4692	4636	4581	4810	4623	4422	4

APRIL

11	12	13	14	15	16	17	18	19	20	21	22	23
3020	3240	3510	3680	3850	4020	4200	4370	4510	4680	4890	4470	4890
3930	3930	6810	11000	7150	6190	5910	4890	4470	3930	3760	4890	5130
4890	6490	7880	8660	14300	19000	26200	27000	29500				
2260	2600	3800	5170	5510	6020	6360	6360	5510	5510	5680	5580	5680
7600	8320	8140	7450	7300	10170	8500	8690	7000	6700	6700	7960	10910
5860	6390	7180	6120	5600	6120	5860	6120	6120	6120	6120	6120	6120
3460	4380	5050	5720	5500	5050	5260	5500	6170	6840	6840	7180	7740
2590	2660	2660	2590	2730	3740	4160	5500	5950	6400	5500	5050	4600
6810	5710	4980	5220	5340	5710	6240	6520	6660	6810	7740	11500	11000
1500	13700	15500	18000	19700	17800	16400	15400	17200	18000	15400	12200	10100
2570	2470	2570	2490	2490	2660	2820	2710	2980	3380	3380	3320	3540
4830	4620	4760	4830	5470	6070	6300	6370	6440	6520	7430	8070	8550
11600	13680	14600	15600	17000	16000	14500	13600	12300	11300	11400	11400	12500
5580	6780	8670	7950	7770	8760	8040	7950	8850	9600	10100	10600	9900
6550	6450	7150	8000	8450	9000	9150	9150	9050	8750	8450	8000	8200
11500	12000	11800	11200	10500	10000	10000	10000	10200	10800	10500	10400	10300
4750	4280	4120	3890	3780	3630	3750	4300	4430	4410	4250	4280	4620
7870	7360	6560	5780	5600	5280	5240	5530	5350	5240	4970	4970	4800
5280	5980	6980	7710	8310	7440	6900	7490	7910	7520	8100	8670	7650
8500	8100	8510	8750	9650	11300	10100	9250	8870	8800	8900	9490	9590
2799	2997	3574	3719	3501	3663	4073	4056	4108	4130	4300	4090	3728
11761	11644	10351	10410	10620	10490	9840	9550	8500	7540	7470	7660	7490
3881	4131	6451	4496	3948	3509	3093	2976	2850	3091	3701	5092	5900
7036	7100	6877	6838	6577	6063	5537	5144	3862	4145	4422	4966	5569
4467	4513	4483	4467	4267	4022	4083	4226	5155	5903	6490	6946	7273
3602	3889	4069	4230	4214	4248	3943	3558	3452	3535	3694	3728	3664
6514	5327	7017	8340	7536	6812	6002	6002	6172	6725	7155	7138	7674
5028	3849	3758	3457	3506	3305	2840	2585	2630	3265	3935	5425	7240
3874	5255	4705	4777	4548	4905	6311	6805	6347	6092	5045	4455	3962
2762	2722	2699	3378	3415	2745	2250	2191	2015	2144	2124	2476	2907
11355	13050	14200	12950	11335	11440	11755	12275	10665	8930	7786	7050	6760
3319	3344	3483	4083	4321	4867	5381	5802	5848	6001	5863	5023	4796
4742	4570	3980	4118	4603	4980	4956	5073	4648	4734	4200	4305	4219
3737	4216	3607	3977	3797	4053	4198	4445	4659	4221	4380	4232	3978
1726	1701	1558	1562	2046	2219	2552	3065	3471	4107	4235	3966	3860
5685	5631	5525	5481	5290	4418	3885	3774	3343	3400	4141	4781	5185
3072	3206	3540	3326	3143	2972	3083	3119	3354	2833	3070	2981	2784
4576	5694	7652	8697	9076	8305	8060	6727	6413	6664	6338	5443	4868
1512	1407	1486	1487	1809	2471	3328	3477	3250	3663	4220	4186	4820
4155	4344	4924	5274	5156	4687	4476	3941	4048	3958	4144	4688	4838
4198	4443	4871	5695	6446	8138	7767	6191	5524	6063	7305	8311	7747
4529	6748	8620	10535	11125	13522	12154	15960	18600	18270	17980	17140	18345
1960	1988	2287	4490	5662	7167	5220	4422	3785	3810	4022	4497	3958
5365	5802	6088	6436	6674	7394	7848	8938	12800	14070	12825	12541	13191
4823	4697	4700	4359	4117	3946	4252	4451	4701	5133	5708	6149	6521
4623	4422	4762	5769	6669	6698	6023	5786	5661	6661	6781	6276	5848

Chart 2C

22	23	24	25	26	27	28	29	30	31	TOTAL
4470	4890	5380	5910	6810	6490	6840	6220	6490		
4890	5130	5130	5910	7150	5640	5380	5640	5130		
5580	5680	5680	5850	6540	6540	6540	6360	6190		
7960	10910	13130	11280	11650	9060	7960	7300	6700		
6120	6120	6120	6120	5860	5860	5860	5860	6120		
7180	7740	8640	7850	8080	7290	7070	7520	8410		
5050	4600	4160	3840	3940	3940	3740	3550	3740		
11500	11000	11500	12100	13300	12700	10500	8410	8070		
12200	10100	9120	9120	11100	13600	11800	11100	10600		
3320	3540	3540	3950	4410	4570	4070	3760	3590		
8070	8550	7830	7430	6520	6300	6220	6520	6600		
11400	12500	12500	12500	12100	11900	11500	11300	11300		
10600	9900	8940	7940	7590	7140	6690	6510	6690		
8000	8200	8350	8000	9400	10500	10200	9000	7460		
10400	10500	10500	11000	11300	11500	11300	11000	10200		
4280	4620	5330	6500	8200	8500	8300	7640	7300		
4970	4800	4900	5780	5760	5740	6000	6440	8450		
8670	7650	6790	6430	7140	7870	8290	7430	6730		
9490	9590	9360	9300	7970	8070	7840	7630	6620		
4090	3728	3387	3212	3296	3292	3357	3493	3743		
7660	7490	9450	11390	13460	14960	14020	12050	10430		
5092	5900	7547	8193	9086	9314	9990	7615	6699		
4966	5569	6797	7647	7167	6552	6124	5937	5984		
6946	7273	8021	9470	10433	10516	10353	10215	9956		
3728	3664	3246	2931	2893	3152	3518	4078	4608		
7138	7674	8104	7287	6587	5830	6050	6402	7250		
5425	7240	8120	8815	8870	9270	9976	10412	9160		
4455	3962	3538	2938	3222	3601	4610	5280	5760		
2476	2907	3094	2821	2761	2548	2741	2873	3123		
7050	6760	5857	5666	5365	5140	5220	5640	6000		
5023	4796	4214	3991	4071	4313	4525	4919	5103		
4305	4219	4865	6872	10092	13778	14531	14795	14870		
4232	3978	4641	5988	6929	10105	11480	10460	9717		158,406
3966	3860	4207	4109	4013	4434	4832	5308	5506		89,547
4781	5185	6194	5909	5666	4546	4786	4674	3349		137,089
2981	2784	3070	2662	2521	2502	2601	2746	3367		88,586
5443	4868	4325	4181	4438	5337	5997	6088	6507		168,003
4186	4820	5649	6315	7220	8267	9084	9592	9602		119,671
4688	4838	5446	4520	4964	4277	3896	3826	3677		124,824
8311	7747	6145	5407	5092	5495	6314	6208	6221		149,729
17140	18345	19790	17200	15155	13250	11980	10965	10250		288,797
4497	3958	3501	3206	3345	4635	5338	4678	3803		103,679
12541	13191	13278	13122	14180	14188	13469	13320	15202		252,550
6149	6521	6366	6153	5456	5092	5044	5579	7046		164,459
6276	5848	5853	5685	5717	6531	6620	6097	5647		177,921

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	6810	6190	7150	7510	6490	7880	7510	7150	6810	6190	5640	5640
1896	5640	4890	5640	7280	7880	6490	6810	7151	6490	5910	6190	5910
1897												
1898	6190	6020	6020	5510	4650	4310	4480	4480	4480	4820	4820	4820
1899	6120	5300	5060	4820	5300	5850	9060	9800	13500	19000	17200	14200
1900	6390	6660	6920	7450	7450	8780	9300	10100	10400	11400	11960	11960
1901	8860	10200	9640	10200	11100	10400	10200	9980	10300	10700	11200	11300
1902	3740	3550	3190	3190	3190	3550	3940	6170	6840	6400	6400	6840
1903	7740	7420	7420	8410	9150	10000	10000	10000	9560	9560	9560	9560
1904	10100	10100	11500	12800	12200	12300	12200	11800	11800	12300	12300	12800
1905	3350	3470	3590	3490	3260	3100	3080	3120	3510	3350	2980	2900
1906	6820	6970	7430	8070	7430	7200	7040	7350	7510	8150	8310	8710
1907	10800	10800	10800	10900	10900	10900	11300	11700	11900	12100	12500	11200
1908	7410	8040	7590	8040	7590	8220	9220	9800	9030	8130	6870	6340
1909	7460	7630	8900	10500	12400	11600	10800	10500	10200	10200	9000	8200
1910	9250	8610	7650	7650	7170	6700	6850	7490	8450	10200	10000	8990
1911	7120	7250	8020	8950	10500	10800	9830	9170	8830	7820	7650	7560
1912	7460	6960	6500	6500	6500	8610	7650	8610	10200	11200	11700	11600
1913	6070	5560	5050	4900	5200	7010	8770	10400	11500	12100	10600	10000
1914	6420	7440	8370	9300	9440	7970	8100	8720	9330	9780	10200	10100
1915	4026	3604	3305	3116	3020	2941	2888	2903	3069	3551	3871	4165
1916	9870	10380	11260	13100	14670	15500	16550	14530	13280	11290	9740	8368
1917	6439	5992	6708	5333	6606	6891	7786	9186	10671	10755	11090	12189
1918	6404	6947	7554	8322	9307	10178	11352	10905	9536	8102	7368	7053
1919	10210	10145	9533	8796	7968	7060	6307	5859	5806	5888	5897	5904
1920	4861	5043	4909	4768	4652	4792	5152	5739	6612	7537	8093	8757
1921	7261	7755	8759	9742	10600	11249	11120	12239	13496	13910	12702	13006
1922	8640	8540	9646	9720	10743	12962	12916	12990	12080	9860	8642	8478
1923	4940	4692	4062	4192	4641	6060	7289	7961	8434	9077	9186	8109
1924	3457	3764	4485	4706	4688	4063	3378	3124	3235	3411	4042	4398
1925	6882	7686	9083	10064	11062	11068	12270	12925	11784	10735	10790	10810
1926	5503	5871	5214	4970	6116	7094	5564	4564	4196	3898	3368	3284
1927	15725	14530	11952	10368	9499	8677	8294	8783	7954	7425	6951	8019
1928	9135	10829	10057	9251	9512	10998	12685	15575	17606	20710	19273	18790
1929	4913	4434	4491	4685	4542	4042	3583	3457	4030	4447	4426	4578
1930	3765	3864	3970	5467	5180	5134	5104	4739	4383	4140	3757	3970
1931	3609	4058	4391	4662	4620	4414	5082	5434	4546	4100	3851	3721
1932	6135	7136	7732	7851	7794	7823	7929	7696	8252	8880	8748	10569
1933	7346	6420	5583	5035	4940	4732	4513	4667	3593	3581	3498	3460
1934	3647	3545	3342	3220	3233	3363	4191	4610	4774	4241	3763	3629
1935	6680	5978	6059	5657	5686	6321	7003	7070	6537	6514	6833	6491
1936	10227	9873	9967	10642	12065	11988	10497	9402	7753	9294	10046	11808
1937	3906	4075	5213	6310	7190	7705	7409	6848	6518	6490	6350	5891
1938	16732	19286	15909	12980	10968	9465	8459	7776	7517	7516	8239	8808
1939	8413	7872	8022	8056	8050	7733	6970	6422	5977	5674	5809	5719
1940	5075	4824	5022	6141	6327	5574	5311	5100	5438	6117	7224	8852

MAY

11	12	13	14	15	16	17	18	19	20	21	22
5640	5640	5640	6490	6810	6810	6490	6190	6190	6490	6810	6190
6190	5910	5380	4890	4890	4890	4670	4490	4280	4280	4100	4890
4820	4820	5510	5510	5680	5590	5590	5000	4820	5000	5000	4910
17200	14200	13500	12800	11300	10200	9800	9060	7600	7300	7300	8320
11960	11960	8510	8510	8780	8780	8510	8240	8510	8240	7980	7720
11200	11300	12000	12200	12200	12700	12700	12400	11500	9980	9530	8640
6400	6840	7740	7740	7070	7070	6840	5950	5500	5160	4830	4720
9560	9560	11000	12700	12700	11500	10000	10000	8870	7110	5710	5220
12300	12800	12800	13200	13600	13600	13600	13900	13900	15000	16400	18000
2980	2900	2710	2580	2610	2650	3300	4600	4740	4710	4670	4100
8310	8710	8710	8470	8390	7430	6440	5920	5700	5700	5700	5540
12500	11200	11100	10100	9700	10300	11100	12500	13400	13300	12200	11700
6870	6340	6170	5740	5580	5340	5100	4860	4860	4700	4400	4180
9000	8200	8000	7630	8200	8600	8400	8200	8600	9300	9600	10200
10000	8990	9890	9730	9250	8610	8130	8130	8130	7650	7330	7170
7650	7560	7880	7840	8980	10200	9650	10100	9380	8830	8610	9030
11700	11600	11400	11700	11900	12100	12700	12900	13700	14300	14500	12600
10600	10000	9490	8470	7920	7380	6980	7810	8500	8370	8240	8610
10200	10100	9920	9280	9440	9440	9600	9600	9280	9440	9600	9600
3871	4165	5107	5486	5334	5239	5033	5678	6227	5729	5468	5074
9740	8368	7362	6601	6220	6100	6260	7084	8419	8397	8717	8517
11090	12189	13773	15296	17848	17555	13816	10629	9104	8562	8308	9284
7368	7053	6522	6344	6834	6187	6405	5535	4700	4942	4969	4717
5897	5904	5743	5583	5640	5977	6460	6663	6713	7383	8583	10072
8093	8757	8847	8650	8600	8868	9245	9623	9375	9031	8581	8430
12702	13006	11835	13156	14742	17174	18739	18115	15158	13165	12974	12930
8642	8478	8107	9843	10561	11636	13057	15220	16450	16220	15936	15925
9186	8109	7270	6800	6536	6497	6502	7160	8271	7573	7923	8121
4042	4398	4866	5179	5011	5100	5142	5186	4675	4490	4074	4020
10790	10810	10635	10765	10945	11500	11900	12500	13500	14350	14350	13870
3368	3284	3119	2976	3106	3160	3417	3436	3625	3665	4404	4192
6951	8019	8591	10096	13172	16588	19289	20061	16261	14384	11536	9768
19273	18790	16751	14770	12847	11587	11522	12200	13145	13409	12700	14513
4426	4578	5389	6215	6318	6482	6431	6411	6696	6424	7067	7767
3757	3970	3495	3382	3772	4247	4169	4856	4552	4844	4902	5365
3851	3721	4151	4646	5265	5201	5228	4870	4208	3632	3266	3062
8748	10569	12444	13580	13569	12341	10987	11458	11607	12051	12114	12710
3498	3460	3372	3373	3814	4758	5068	5745	4621	4861	4866	5561
3763	3629	3467	3378	3209	3135	3173	3354	3348	3178	3048	2961
6833	6491	6011	5706	5358	5307	6201	6411	5944	5963	6039	6926
10046	11808	12951	13995	14946	14675	12418	10608	9822	9807	8582	7622
6350	5891	5731	5755	6329	6530	6276	6467	6706	6535	6045	5598
8239	8808	9209	10208	11343	11734	12691	12971	12173	10396	9033	8327
5809	5719	5320	5334	5218	5272	5551	5486	5468	5275	4987	4246
7224	8852	9866	9587	9164	8237	7997	7395	7081	7261	7275	7288

Chart 2D

21	22	23	24	25	26	27	28	29	30	31	TOTAL
810	6190	5640	5380	5130	6490	7880	6810	5640	4890	4670	
100	4890	7150	11000	12500	14900	14900	19000	19700	23700	31200	
000	4910	4910	4910	4910	5000	5000	5080	6190	5680	5250	
300	8320	9060	9800	10900	9800	9060	10300	10500	11300	10900	
980	7720	7450	7450	7180	7180	6920	6920	6660	6660	6390	
530	8640	8000	7520	7740	8410	8640	9080	9080	8640	8190	
830	4720	4600	4480	4720	5500	6400	7520	8190	7960	7740	
710	5220	4980	4980	5220	5340	6240	6660	6810	7740	9150	
400	18000	18700	18000	16100	14800	12200	12200	12800	11500	11800	
670	4100	3990	3670	3360	3430	4700	4380	5360	5030	5120	
700	5540	5320	5540	5470	7040	6740	6520	6440	6070	5920	
200	11700	10900	10700	9900	9600	9220	9120	9120	10700	11300	
400	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	
1500	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	
2974	12930	12541	12865	13949	15565	16723	15918	15515	15115	14000	
5936	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	
4350	13870	12690	11780	11090	10725	10000	10855	11600	11513	10516	
4404	4192	3976	3964	3735	3313	3033	2768	3051	2762	3114	
1536	9768	8909	7754	7128	7836	8923	9582	8753	8044	7795	
2700	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
8266	3062	2718	2828	3154	3577	3752	3550	3494	3274	3405	125,769
2114	12710	10950	8933	7079	6384	5838	5841	5783	5880	5991	282,088
866	5561	5879	6017	6201	6925	8055	8577	7771	8254	9359	170,805
4048	2961	2783	2987	2913	2832	2553	2605	2394	2372	2394	114,808
6039	6926	7983	9299	9501	9016	8784	8402	8204	8005	8375	214,264
582	7622	6631	6225	6750	7498	8365	9154	9524	9492	9120	312953
045	5598	5827	6462	6098	6658	6286	6269	6315	5787	5017	190,596
033	8327	8402	9447	11025	11983	14127	16428	15847	14345	12313	355,657
987	4246	4115	3860	3410	3487	3285	3479	3664	4124	4620	170,918
275	7288	7106	7107	7859	7933	7868	7286	6819	6630	6476	217,240

YEAR-	1	2	3	4	5	6	7	8	9	10	11	12	13
1895-	4470	4100	3930	3930	4100	3930	4100	3930	3760	3590	3430	3430	3760
1896-	27000	27000	32100	29500	27000	24500	24500	25300	23700	25300	22900	22900	29500
1897-													
1898-	4910	4820	4820	4480	4310	4480	4140	3970	4140	4650	4910	5170	5510
1899-	10200	10500	12800	13900	13900	11300	10500	10500	9800	10200	11600	13900	10200
1900-	6120	6120	6660	6920	7180	7850	7450	6920	6920	6120	5330	4940	4940
1901-	7740	7740	7740	7070	6400	5720	5500	5050	4830	4600	4380	4270	3930
1902-	7070	6170	5500	5280	5160	5050	5160	5840	6730	7520	7290	6840	6510
1903-	13300	16900	16200	14400	13300	12700	13300	13800	14400	14400	13800	12700	11500
1904-	11800	11800	10400	9440	9440	10100	9770	9770	9600	9440	9440	8800	8180
1905-	6070	6260	5890	5380	5180	4940	4860	5360	5360	5010	5010	4920	5090
1906-	5700	5470	5620	6070	6140	6440	5700	5700	5470	5540	5920	7430	7990
1907-	11700	12200	12200	11900	11100	10900	11300	10700	10500	10000	9700	9320	9520
1908-	4030	3820	3960	4260	4030	3890	3960	4400	4780	5500	6260	7770	8670
1909-	11600	13900	15400	15900	16000	16000	14600	13000	11800	10800	9400	8230	8230
1910-	9090	9250	8290	6850	6700	6850	6250	5950	5200	5050	5650	5950	5500
1911-	10500	11500	12400	13400	13400	12800	13300	15800	13500	12400	12500	14100	15100
1912-	13200	13300	13700	13600	14000	14400	14800	15300	15600	15100	13900	13300	14300
1913-	11400	11000	10900	10500	9920	9680	9280	9360	9280	8720	8160	7600	7360
1914-	8020	8150	8750	8400	7550	6430	5800	5620	4820	4510	4200	4160	4280
1915-	5049	5114	4524	4067	3842	3890	3822	3999	4124	3945	3630	3428	3149
1916-	6620	6470	6960	8179	9468	10068	10178	10582	11262	11622	10902	10012	9570
1917-	10945	10482	10360	9902	9270	8811	9153	9429	11048	12940	12928	10816	9286
1918-	4749	5176	5636	6558	7437	8777	9016	10176	10760	11557	12061	11855	12282
1919-	10255	7472	6089	5464	5206	5145	5188	5118	4899	4586	4265	3990	3755
1920-	6487	5870	5508	4985	4893	5269	6030	6487	7077	7214	6868	6349	6153
1921-	14670	14220	14340	14695	15550	15973	17037	17258	17540	16818	16617	17625	16612
1922-	11577	12915	12786	13520	14444	15658	16463	14815	13022	12475	10466	10142	10280
1923-	6042	5198	4530	4716	4888	5297	6345	7213	8065	8744	9037	10502	9524
1924-	1935	1853	2013	2026	1969	1634	1948	1302	1610	1463	1260	1293	1160
1925-	8853	8046	7281	6584	5910	5445	4939	4668	4456	4555	4763	4857	4997
1926-	2718	2626	2718	2576	2514	2497	2566	2340	2403	2135	2055	1939	1807
1927-	6947	6653	6699	7545	8288	9452	12595	15620	17584	15675	14750	16150	16294
1928-	9985	9113	7555	6921	6982	7153	6716	6596	6177	5303	5541	5158	4911
1929-	4059	4708	4073	4456	4007	3865	4717	5046	5665	5839	5492	5378	5359
1930-	6967	4563	4552	4368	4000	3929	4232	5477	6346	5983	6399	6619	6288
1931-	3335	3636	3543	3254	2910	2647	2580	2501	2502	2161	2134	2028	1619
1932-	5747	5425	5100	5332	6021	8061	7489	6278	5952	6154	6787	7159	8423
1933-	11443	12043	12091	12508	11191	9955	10361	9261	9038	11474	11156	11117	11423
1934-	2235	2292	2075	1917	1903	1614	1694	1788	1897	1628	1676	1636	1635
1935-	8859	8727	8204	7712	7596	7983	8495	8603	8779	8648	7399	7437	7305
1936-	9965	9828	8690	7783	7050	6627	7284	8334	7421	6245	5807	5408	5523
1937-	4446	3857	3969	4140	4323	3737	3532	3159	3329	3796	3510	3291	2979
1938-	12041	12283	13073	13791	13719	13699	13906	13723	13000	11393	9451	8736	9236
1939-	4184	3820	3378	3153	2996	2498	2702	2364	2324	2327	2259	2226	2131
1940-	6577	6623	6228	5771	5412	4936	4592	4410	4362	3753	3865	3782	4243

JUNE

	12	13	14	15	16	17	18	19	20	21	22	23
	3430	3760	3590	3760	3590	3430	3120	2970	3120	3270	3590	4100
	22900	29500	35500	32100	32100	32100	31200	30400	27000	27000	22900	19000
						5100	4530	3900	3900	3740	3900	4530
	5170	5510	5690	6020	6020	6020	5850	5850	5680	5680	5680	5680
	13900	10200	11300	10500	11300	13900	16100	17200	18700	15000	11300	10500
	4940	4940	4940	4810	5730	4810	4230	4230	4230	4460	4340	3910
	4270	3930	3710	3710	3930	4380	4600	4830	5280	5500	5280	4830
	6840	6510	5950	5280	4380	4160	3940	3940	3740	3550	3550	3550
	12700	11500	10500	10000	10500	10000	10000	7740	7110	6520	6240	6240
	8800	8180	8480	8800	10100	10800	10400	10100	8960	8480	8180	7580
	4920	5090	4930	4460	4000	3990	3650	3110	2930	3120	2990	2930
	7430	7990	6900	6740	6600	6600	6000	5620	5400	5320	5180	5040
	9320	9520	8850	8130	7410	6340	5740	5830	6170	7050	7770	7220
	7770	8670	8310	4550	5180	8490	7770	6870	5830	5660	4860	4400
	8230	8230	8230	11800	13000	12800	12800	12000	11600	9600	9200	8230
	5950	5500	5350	5350	5200	5050	4900	4190	4050	4050	3840	3490
	14100	15100	14700	15100	15000	14400	13500	14000	13900	13100	12500	12300
	13300	14300	13800	12000	10500	9410	8770	8610	8950	9600	9300	8990
	7600	7360	7120	6580	6060	5980	5600	5530	5160	4640	4500	4640
	4160	4280	4280	4140	4720	5020	5320	5620	5320	5020	4720	4140
	3428	3149	2848	2699	2666	2802	2798	2820	2743	2732	2609	2598
	10012	9570	10158	11058	12138	13142	14280	15450	13190	10262	8651	7470
	10816	9286	7885	8621	10266	11395	13840	14535	14566	13453	12962	11684
	11855	12282	12601	11324	9414	7893	7507	7440	7170	6675	6964	6615
	3990	3755	3557	3436	3383	3392	3334	3276	3154	3999	2937	2871
	6349	6153	6119	6316	6708	6845	6440	5909	5372	5213	5177	5181
	17625	16612	15901	13645	11422	8661	7218	7047	7591	7649	8270	8770
	10142	10280	11675	16005	12185	11735	11621	11721	11290	11142	10158	8827
	10502	9524	7543	5722	7972	5150	4877	5162	5152	5247	6730	6028
	1293	1160	1265	1103	1194	1061	1009	944	998	989	984	976
	4857	4997	5108	5234	5415	5470	5210	6540	6391	7203	8280	8590
	1939	1907	1670	1581	1482	1379	1343	1274	1426	1364	1350	1304
	16150	16294	15869	15574	14561	13880	12861	12882	13360	12600	12002	11701
	5158	4911	4695	4404	4352	4304	3931	3857	3787	3733	3868	3825
	5378	5359	5535	5797	6342	7305	6062	4896	4273	3946	4095	4135
	6619	6288	5115	4867	4237	4229	4593	4238	3786	3579	3310	3101
	2028	1619	1750	1578	1506	1531	1507	1428	1323	1261	1205	1185
	7159	8423	8638	9594	11250	10637	9668	8333	8291	8168	7948	9118
	11117	11423	12035	12093	12214	11586	9977	8216	7127	6552	6375	5944
	1636	1635	1578	1526	1430	1350	1263	1172	1064	1047	1056	1023
	7437	7305	6893	6609	5901	5174	4585	4679	4618	4706	4385	4288
	5408	5523	5579	5326	5307	4841	4555	4223	4012	3679	3637	3379
	3291	2979	2708	2697	2762	2797	2776	2610	2537	2601	2822	2965
	8936	9236	9148	8857	8741	8587	8585	7465	6657	6267	6787	6962
	2226	2131	2218	2211	2269	2305	2220	2001	1968	1876	1821	1683
	3782	4243	4395	4385	4048	3864	3613	3570	3328	3012	2827	2612

Chart 2E

	21	22	23	24	25	26	27	28	29	30	31	TOTAL
0	3270	3590	4100	4100	4100	4100	3930	3930	3930	3760		
00	27000	22900	19000	15500	14300	14300	27000	11500	9520	9520		
00	3740	3900	4530	3740	3600	3600	3740	3600	3460	3460		
80	5680	5680	5680	5510	5170	4650	4650	3970	3800	3460		
00	15000	11300	10800	12000	12000	11300	10500	11300	12200	11300		
30	4460	4340	3910	3710	3520	3330	2980	2810	2480	2350		
80	5500	5280	4830	4380	3710	3060	2880	2720	2680	3060		
40	3550	3550	3550	3740	3550	3190	3030	2730	2660	2520		
10	6520	6240	6240	5460	5220	5220	5100	4980	4980	4530		
960	8480	8180	7580	6500	6070	5540	5540	5540	5770	5770		
930	3120	2990	2930	2880	2880	2770	2670	2560	2390	2240		
400	5320	5180	5040	4760	4760	4900	5040	5920	5040	4480		
170	7050	7770	7220	6510	6510	7770	7950	8670	9500	9220		
830	5660	4860	4400	4250	4180	5020	5830	5420	5100	5340		
600	9600	9200	8230	8040	7860	7500	7050	7680	7680	7680		
050	4050	3840	3490	3360	3360	3360	3360	3360	3230	3100		
9900	13100	12500	12300	11200	9500	8750	8150	9160	8400	7970		
9950	9680	9300	8990	9170	8710	8560	8260	7150	6400	6100		
5160	4640	4500	4640	4640	4360	3940	3660	4080	3660	3400		
5320	5020	4720	4140	3870	3730	3640	3540	3450	3360	3270		
2743	2732	2609	2598	2578	2635	2581	2339	2045	1955	1920		
3190	10242	8651	7470	7140	7652	8584	9314	9784	9420	7796		
4566	13453	12962	11684	10581	10248	9269	9101	9485	9517	8933		
7170	6675	6964	6615	6750	5485	4699	4072	3663	3394	3524		
3154	3999	2937	2871	2719	2621	2430	2319	2248	2150	2078		
5372	5213	5177	5181	5128	4799	4317	3859	3554	3342	3465		
7591	7649	8270	8770	9205	9133	8310	6694	6628	7439	6826		
1290	11142	10158	8827	7840	6940	6928	6536	6080	5557	5137		
5152	5247	6730	6028	5878	5423	4917	5132	5037	5765	6268		
998	989	984	976	971	925	979	913	848	844	872		
6391	7203	8280	8590	8012	7286	6438	6298	5927	5747	5902		
1426	1364	1350	1304	1192	1123	1049	1099	1040	1031	935		
3360	12600	12002	11701	11590	11419	11187	13198	9724	8546	7506		
3787	3733	3868	3825	3952	4065	4037	4027	3594	3358	3328		152,828
4273	3946	4095	4135	4073	3962	3936	4005	3839	3784	3699		142,948
3786	3579	3310	3101	2872	2987	2604	2442	2394	2359	2241		128,691
1323	1261	1205	1185	1133	1108	1016	890	722	687	742		55,431
8291	8168	7948	9118	9447	8649	8661	7123	7040	6545	6073		229,112
7127	6552	6375	5944	6374	5249	4887	4988	4345	4269	3797		269,099
1064	1047	1056	1023	959	870	839	930	1017	1037	969		43,120
4618	4706	4385	4288	4283	3743	3480	3281	3130	3051	3078		181,631
4012	3679	3637	3379	3178	3153	2967	2866	2489	2357	2111		159,642
2537	2601	2822	2965	2580	2294	2115	1911	1769	1838	1648		89,498
6657	6267	6787	6962	6537	6114	6286	6412	6067	5592	5774		279,069
1968	1876	1821	1683	1640	1637	1643	1546	1417	1398	1429		67,944
3328	3012	2827	2612	2354	2123	2041	1855	1717	1899	1432		113,629

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	3590	3430	3430	3430	3120	3120	3430	3430	3270	3270	3120	3120	3120
1896	9080	11500	12500	12500	11500	11000	10500	9980	9080	8660	8260	8260	7510
1897	3460	4080	3600	3260	3260	3070	2880	2810	2420	2290	2360	2350	2290
1898	3290	3120	2600	2600	2430	2600	2430	2430	2600	2600	2430	2600	2260
1899	11300	10200	10200	9800	8690	7960	7780	8320	7780	7600	7300	7000	6700
1900	2180	2040	1980	1910	1680	1620	1570	1460	1460	1520	1520	1520	1460
1901	2880	2880	2880	2800	2430	2300	2300	2300	2180	2180	2070	1970	1970
1902	2280	2400	2340	2660	2220	2110	2000	1900	1900	1950	1950	2000	2060
1903	4310	3900	3520	3080	2990	3020	2990	2830	2610	2400	2400	2260	2400
1904	5770	5540	5540	5540	4680	4680	4680	4680	4680	4090	3720	3370	3210
1905	2150	2150	2060	1970	1870	1790	1710	1630	1550	1470	1430	1350	1270
1906	4130	4270	4480	4550	4340	4200	4060	3860	3670	3420	3240	3180	2950
1907	8940	8670	8850	9220	8940	7770	6000	6260	6990	6870	6510	6260	6260
1908	5580	5660	5740	4400	5500	4940	4400	4400	4320	4100	3960	3560	3430
1909	7680	7500	7500	6780	6260	6010	5770	5470	5170	3910	3720	3650	3410
1910	2970	2780	2660	2600	2720	2360	2250	2140	2140	2030	1980	1880	1830
1911	7230	6360	6100	6300	6350	6240	6280	5720	4880	4370	3950	3820	3680
1912	5500	5050	4610	4050	3910	3770	3630	3490	3230	3100	2970	2970	2840
1913	3530	3400	3270	3400	3140	3140	3140	3020	2770	2650	2420	2200	2100
1914	3180	3030	2890	2760	3770	2960	2710	2470	2280	2200	2340	2160	1980
1915	1899	1843	1780	1767	1672	1872	1894	2065	1762	2001	1666	1582	1539
1916	7236	8410	8074	6851	6408	7015	7302	7394	7511	6736	6069	5816	5584
1917	8343	8083	7952	8089	7896	7188	7099	6683	6293	5838	5125	4666	4300
1918	3181	2916	2773	2605	2470	2176	2197	2210	2055	1968	1934	2086	1858
1919	1934	1869	1728	1626	1537	1460	1448	1411	1384	1334	1272	1218	1122
1920	3529	3574	3425	3139	2987	2825	2654	2470	2315	2167	2047	1998	1990
1921	5928	5285	4216	4406	3896	3750	3922	3772	3731	3650	3313	3645	2956
1922	4597	4132	4014	3657	3499	3258	3454	3009	2946	2656	2512	2506	2385
1923	6345	6011	5031	5109	4710	4275	4065	3834	3931	3472	3246	3762	3204
1924	789	695	686	684	675	629	650	615	615	563	554	590	587
1925	5650	4866	4388	4062	3889	3613	3299	2852	3004	2639	2536	2674	2361
1926	944	927	880	861	826	812	800	780	824	829	841	774	739
1927	7214	6826	6685	6340	5880	4949	5104	5014	4905	4723	4366	4377	4170
1928	2922	3023	2928	2683	2796	2729	2403	2319	2309	2102	2098	2084	1974
1929	3459	3250	2814	2599	2363	2282	2149	2042	1917	1860	1793	1686	1602
1930	2096	1895	1887	1913	1846	1799	1709	1599	1490	1414	1403	1429	1356
1931	730	780	726	704	655	637	634	635	632	631	646	645	618
1932	5403	5232	4606	3919	3729	3321	2775	2850	2956	2703	2467	2595	2242
1933	3548	2842	2789	2615	2584	2423	2312	2142	2093	2005	1803	1648	1548
1934	914	878	858	823	780	765	728	737	714	675	684	639	558
1935	2696	2493	2479	2280	2287	2144	2301	2041	1898	1746	1630	1669	1715
1936	2004	1849	1680	1686	1614	1638	1552	1528	1379	1493	1522	1550	1544
1937	1701	1497	1437	1252	1358	1258	1244	1248	1218	1200	1109	1039	964
1938	6644	5707	5906	5470	5398	5031	4585	4216	3980	3947	3606	3538	3017
1939	1347	1354	1301	1285	1388	1464	1389	1329	1264	1131	1072	1056	1033
1940	1470	1571	1481	1482	1526	1422	1394	1353	1196	1165	1149	1096	1062

JULY

11	12	13	14	15	16	17	18	19	20	21	22	23
3120	3120	3120	3120	3120	3120	2830	1870	1870	1770	1680	1680	1510
8260	8260	7510	7150	6490	5910	4890	4470	4100	3120	2560	1870	2560
2360	2350	2290	2290	2290	2160	2160	2290	2160	1900	1840	1640	1980
2430	2600	2260	2260	2090	1920	1750	1660	1580	1490	1400	1320	1230
7300	7000	6700	6120	5580	5060	4820	4580	4480	4160	4160	3760	3560
1520	1520	1460	1410	1270	1270	1230	1190	1160	1100	1080	1080	1050
2070	1970	1970	1870	1780	1780	1696	1640	1600	1600	1540	1510	1560
1950	2000	2060	1950	1900	1850	1800	1700	1700	1610	1520	1350	1190
2400	2260	2400	2330	2260	2400	2470	2400	2010	1950	2010	2130	2010
3720	3370	3210	3050	2900	2670	2500	2500	2440	2380	2380	2380	2440
1430	1350	1270	1210	1170	1140	1070	1030	1010	990	970	950	930
3240	3180	2950	2780	2510	2350	2200	2060	1950	1780	1660	1590	1660
6510	6260	6260	5420	5100	4700	4480	4250	4250	4320	4100	3950	3810
3960	3560	3430	3690	3960	3070	2470	2420	2320	2170	2120	2030	2030
3720	3650	3410	3170	3050	2930	2810	2590	2540	2370	2200	2150	2050
1980	1880	1830	1780	1730	1680	1380	1550	1550	1420	1420	1420	1340
3950	3820	3680	3540	3540	3480	3280	3150	2960	2710	2590	2420	2300
2970	2970	2840	2840	2720	2600	2480	2480	2480	2250	2250	2030	2030
2420	2200	2100	1990	1890	1800	1710	1710	1620	1710	1620	1620	1620
2340	2160	1980	2010	1840	1780	1710	1620	1540	1550	1810	1630	1470
1666	1582	1539	1570	1370	1162	1228	1197	1111	1102	1041	1007	960
6069	5816	5584	5211	4830	4471	4661	4001	3584	3258	3110	2894	2704
5125	4666	4380	3940	3492	3222	3052	2971	2744	2579	2380	2210	2055
1934	2086	1858	1735	1698	1819	1718	1480	1719	1651	1566	1585	1272
1272	1218	1122	1094	1119	1087	1047	940	914	863	888	835	770
2047	1998	1990	1889	1752	1589	1537	1431	1424	1360	1333	1270	1243
3313	3645	2956	2907	2538	2670	2392	2293	2277	2086	1840	2042	1872
2512	2506	2385	2241	2007	2334	1919	1936	1861	1838	1891	1776	1739
3246	3702	3204	3249	3091	2602	2790	2609	2362	2191	2148	2125	1893
554	590	587	580	561	540	523	522	531	544	544	544	544
2536	2674	2361	2203	2092	2054	1884	1917	1803	1793	1619	1735	2095
841	774	739	672	681	646	689	638	639	600	542	497	494
4366	4377	4170	3847	3643	3553	3168	3209	2923	2887	2756	2365	2375
2098	2084	1974	1920	1875	1856	1845	1733	1627	1567	1475	1455	1421
1793	1686	1602	1480	1415	1354	1355	1252	1221	1092	1078	1060	98
1403	1429	1356	1335	1261	1219	1199	1139	1084	987	965	989	95
646	645	618	603	595	598	576	555	552	516	496	455	45
2467	2595	2242	2710	2887	2349	1977	2035	1902	2203	1820	1761	17
1803	1648	1548	1427	1415	1299	1253	1270	1209	1113	1059	1017	10
684	639	558	528	513	554	560	552	563	524	512	463	
1630	1669	1715	1652	1548	1480	1436	1378	1245	1214	1149	1144	1
1522	1550	1544	1481	1344	1263	1224	1216	1173	1144	1092	1113	
1109	1039	964	897	849	863	855	923	858	861	801	781	
3606	3538	3017	3060	2911	2940	2934	2684	2491	2264	2223	2109	1
1072	1056	1033	973	946	909	869	854	831	793	772	770	
1149	1096	1062	1020	968	944	876	871	845	836	826	812	

Chart 2F

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

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	1280	1210	1210	1210	1210	1140	1140	1140	1070	1070	1070	1070
1896	2190	1870	2190	1770	1680	1680	1590	1590	1590	1510	1510	1350
1897	1380	1380	1250	1320	1320	1320	1320	1250	1250	1180	1180	1180
1898	992	1060	892	892	892	892	892	892	892	892	892	806
1899	2390	2060	2060	2060	2060	2060	2200	2390	2390	2060	1940	1940
1900	930	920	905	905	895	905	895	895	895	830	822	855
1901	1060	1060	1060	1050	1010	955	860	758	758	758	800	830
1902	1040	970	900	900	830	900	900	830	527	575	635	830
1903	1240	1200	1110	1070	1280	865	905	828	828	828	828	828
1904	1560	1500	1500	1500	1450	1600	1550	1660	1660	1160	1160	1120
1905	820	760	760	760	760	760	700	675	650	650	650	650
1906	1160	1110	1160	1160	960	920	920	880	845	810	780	750
1907	2670	2500	2450	2340	2140	2040	1940	1900	1800	1760	1720	1640
1908	1330	1400	1160	1330	1160	1190	1220	1160	1190	960	990	1050
1909	1590	1500	1410	1320	1310	1270	1230	1190	1190	1190	1110	1070
1910	1070	1040	1020	990	990	990	965	965	940	940	915	890
1911	1580	1540	1540	1500	1460	1410	1340	1370	1340	1300	1260	1260
1912	2060	2250	2030	2030	1830	1640	1550	1460	1460	1380	1300	1300
1913	1990	1890	1800	1710	1710	1800	1710	1620	1620	1540	1460	1380
1914	1210	1210	1140	1280	1210	1140	1140	1070	1000	1000	1000	1000
1915	939	897	840	791	762	748	747	729	707	693	679	679
1916	1807	1734	1667	1620	1568	1512	1463	1423	1391	1368	1322	1294
1917	1464	1400	1363	1371	1302	1273	1238	1203	1150	1096	1066	1035
1918	994	1055	1032	1121	1073	846	851	901	893	958	916	830
1919	740	678	642	607	607	627	643	649	666	628	613	628
1920	924	882	831	767	713	702	782	740	765	693	693	645
1921	1388	1332	1387	1280	1111	1226	1195	1289	1231	1285	1267	1328
1922	1349	1373	1328	1420	1572	1481	1330	1250	1070	1104	1129	1074
1923	1490	1290	1417	1278	1177	1097	1273	1407	1117	985	1221	1182
1924	427	439	404	408	404	404	407	385	410	379	384	392
1925	1118	1146	1078	1167	1157	1061	1006	1093	1058	934	951	982
1926	481	457	434	443	419	429	435	439	477	505	511	509
1927	1622	1601	1515	1461	1422	1425	1364	1314	1238	1179	1180	1166
1928	1106	1109	1099	1085	1061	1021	1042	1045	1057	982	885	796
1929	796	818	837	808	778	695	711	628	616	582	632	638
1930	686	654	648	649	687	681	717	682	707	714	819	825
1931	439	478	459	458	426	405	385	375	365	355	355	355
1932	1146	1124	1120	1061	1020	974	1006	968	943	891	918	905
1933	870	864	861	849	845	800	720	690	686	727	698	670
1934	442	448	456	435	434	420	409	359	335	325	315	352
1935	909	871	848	822	828	807	754	745	699	666	655	627
1936	812	826	853	844	800	758	712	682	645	644	669	758
1937	564	528	532	481	486	471	472	449	482	486	468	460
1938	1539	1425	1352	1359	1346	1361	1321	1259	1208	1165	1112	1122
1939	643	635	613	582	580	516	515	507	481	511	479	493
1940	736	703	647	651	644	622	632	572	536	510	476	509

AUGUST

1	12	13	14	15	16	17	18	19	20	21	22	23
1070	1070	1070	1070	1070	1010	1010	950	950	950	950	890	890
510	1350	1280	1210	1210	1210	1210	1070	1070	1010	1010	950	1010
180	1180	1120	1120	1120	1060	990	990	925	925	860	795	860
892	806	806	806	721	721	550	550	721	721	721	721	550
940	1940	1760	1700	1700	1700	1700	1580	1520	1580	1700	1820	1820
822	855	870	880	845	830	845	830	822	830	822	822	855
800	830	818	830	800	830	818	800	800	818	830	830	800
635	830	865	879	886	865	830	830	830	795	795	774	760
828	828	790	790	790	768	828	752	752	715	715	715	715
160	1120	1120	1120	1100	1070	1100	1070	1100	1070	1160	1160	1160
650	650	650	625	625	625	625	625	625	600	600	580	580
780	750	810	840	810	750	750	725	675	700	700	750	845
1720	1640	1600	1520	1480	1440	1400	1360	1320	1320	1280	1210	1280
990	1050	930	960	1220	1050	1080	990	990	960	990	990	1020
1110	1070	1030	1000	960	930	950	920	920	950	850	820	790
915	890	890	890	890	890	890	890	870	850	830	850	830
1260	1260	1200	1200	1160	1130	1130	1100	1100	1100	1070	1070	1070
1300	1300	1300	1250	1230	1230	1160	1160	1160	1160	1160	1100	1040
1460	1380	1380	1310	1310	1310	1230	1160	1160	1160	1160	1020	1020
1000	1000	937	937	937	873	873	873	873	873	873	812	812
679	679	651	640	636	640	618	577	582	588	582	578	579
1322	1294	1264	1239	1207	1198	1251	1277	1390	1287	1234	1187	1138
1066	1035	1008	997	971	969	1010	1093	1076	1007	967	925	905
916	830	814	895	875	964	1064	1021	981	893	820	700	809
613	628	670	667	624	621	585	593	563	556	546	537	543
693	645	621	578	553	571	579	595	558	526	480	504	553
1267	1328	1109	1069	1074	996	975	998	928	802	906	762	879
1129	1074	1003	980	989	926	961	943	987	935	910	883	862
1221	1182	1091	1055	854	1103	1030	898	829	1027	1612	1212	1070
384	392	386	366	376	376	370	370	370	413	461	431	415
951	982	1177	1208	1278	1096	1073	974	1004	1023	908	901	817
511	509	516	509	496	479	465	460	528	642	674	644	570
1180	1166	1197	1234	1336	1420	1381	1326	1278	1217	1165	1068	1055
885	796	793	773	784	782	768	740	744	751	727	739	694
632	638	601	564	522	501	479	446	488	503	506	532	517
819	925	922	929	893	904	802	771	745	733	730	700	597
355	355	360	360	360	360	360	360	360	360	360	360	349
918	905	898	835	846	827	778	769	719	683	621	626	656
698	670	606	576	566	577	602	583	576	539	517	490	523
315	352	367	385	393	380	380	372	356	357	356	343	342
655	627	594	568	568	561	553	571	590	579	581	571	543
669	758	811	855	910	878	768	706	630	570	593	593	595
468	460	437	385	365	350	346	359	383	375	358	350	333
1112	1122	1086	1056	1065	1086	1091	1065	1041	1011	1010	1046	1044
479	493	499	502	493	466	416	380	394	364	353	365	378
476	509	468	470	498	461	454	433	416	415	443	457	424

	22	23	24	25	26	27	28	29	30	31	TOTAL
50	890	890	890	890	890	890	950	890	890	890	
10	950	1010	1010	950	1010	950	1010	1010	1070	1210	
60	795	860	860	860	990	990	990	990	990	860	
21	721	550	550	550	550	550	550	550	636	550	
00	1820	1820	1700	1580	1460	1400	1220	1220	1100	1100	
22	822	855	880	905	870	855	855	822	830	830	
30	830	800	800	740	770	740	786	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	
160	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	
280	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	
850	850	830	830	830	830	850	830	850	830	850	
070	1070	1070	1070	1040	1040	1020	1020	1020	1020	993	
160	1100	1040	1040	1040	1040	1040	1040	990	990	990	
160	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	
234	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	
612	1212	1070	1135	684	1051	892	884	815	779	821	
461	431	415	401	387	374	365	361	386	381	381	
908	901	817	802	874	754	750	664	821	735	755	
674	644	570	514	503	498	494	483	459	470	488	
165	1068	1055	980	965	908	918	903	855	844	856	
727	739	694	674	671	614	634	623	639	648	645	
506	532	517	511	496	486	515	524	538	556	587	18,411
730	700	597	567	546	517	498	519	536	566	564	21,628
360	360	349	349	347	345	340	353	353	347	340	11,578
621	626	656	700	718	687	675	676	719	784	814	26,106
517	490	523	540	553	545	585	625	636	605	617	20,141
356	343	342	350	350	350	357	350	350	360	383	11,311
581	571	543	508	486	483	478	484	515	520	527	19,511
593	593	595	604	605	603	605	592	572	547	576	21,626
358	350	333	336	337	344	375	425	408	426	427	12,998
1010	1046	1044	1048	1036	1039	1005	984	952	947	898	35,079
353	365	378	370	378	381	385	387	399	431	424	14,320
443	457	424	456	438	466	450	443	442	430	438	15,740

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	830	830	830	890	890	890	890	890	890	950	1070	1070
1896	1210	1210	1070	1010	950	950	950	890	890	890	950	950
1897	860	990	990	990	1120	1120	1120	990	990	1120	1120	1120
1898	550	550	636	636	636	636	636	636	636	721	721	721
1899	1340	1340	1340	1340	1280	1220	1220	1220	1220	1220	1220	1100
1900	810	810	802	810	930	990	905	855	855	870	905	922
1901	770	770	770	830	830	800	800	800	800	770	770	770
1902	728	728	695	695	665	665	653	635	635	665	695	665
1903	828	752	715	715	715	715	715	715	715	715	715	828
1904	840	622	622	622	622	622	280	280	280	280	840	840
1905	560	560	560	560	560	560	560	560	560	560	560	560
1906	750	750	780	725	700	700	675	675	675	675	675	675
1907	1210	1240	1240	1280	1210	1240	1180	1100	1070	1040	1070	1100
1908	870	840	810	810	782	810	840	990	930	870	900	930
1909	1020	1170	1250	750	1050	1170	1170	1090	1010	940	970	970
1910	830	850	850	850	830	850	830	830	810	810	780	780
1911	993	969	969	969	993	1020	1070	1070	1070	1020	993	993
1912	1040	1100	1040	1230	1300	1160	1160	1160	1160	1100	1040	1160
1913	956	892	956	956	892	892	892	892	956	1160	1020	956
1914	718	817	718	718	718	718	718	718	718	718	718	718
1915	678	868	753	675	660	653	646	619	624	627	632	609
1916	976	944	940	969	962	944	933	916	929	1025	1006	988
1917	781	766	783	754	741	731	725	713	698	683	694	701
1918	752	718	858	725	659	520	623	619	655	878	1037	1044
1919	502	493	503	511	511	500	504	524	542	546	523	495
1920	684	653	657	590	517	473	464	519	544	555	565	588
1921	756	718	733	730	774	842	721	686	726	680	693	632
1922	940	969	947	927	905	865	845	823	807	801	797	793
1923	832	859	770	817	766	797	714	631	716	685	679	628
1924	386	381	381	390	377	395	390	391	385	394	385	380
1925	743	736	669	658	544	686	825	1055	950	903	805	796
1926	518	524	515	497	491	475	476	466	469	463	456	449
1927	885	890	867	878	889	835	813	755	783	817	830	971
1928	672	642	652	626	593	621	615	626	639	657	676	691
1929	594	584	554	520	519	524	526	526	541	597	566	557
1930	551	549	533	533	500	500	500	500	541	557	549	622
1931	342	342	342	332	331	333	322	322	335	340	365	365
1932	828	840	815	803	777	719	693	673	655	681	668	723
1933	675	672	630	580	570	565	584	569	578	557	589	574
1934	424	442	427	408	374	363	370	376	383	380	377	399
1935	498	482	456	482	513	543	559	524	519	515	505	496
1936	602	629	671	681	734	842	879	878	830	724	675	658
1937	447	468	450	430	431	411	445	468	436	417	420	391
1938	582	901	572	886	855	821	819	809	837	831	835	807
1939	433	435	437	436	447	456	462	470	477	476	482	476
1940	408	423	439	469	796	651	674	625	642	648	603	576

SEPTEMBER

11	12	13	14	15	16	17	18	19	20	21	22	23
1070	1070	1070	1070	1140	1140	1070	1010	950	1010	950	950	950
950	950	890	950	950	950	890	890	830	890	890	830	890
120	1120	1250	1250	1120	1120	1120	990	990	990	1120	1120	1120
721	721	721	721	721	721	721	636	550	550	550	550	721
220	1100	1100	1100	1220	1280	1160	1100	1100	1100	1100	1050	1050
905	922	922	870	930	810	822	830	870	855	845	830	845
770	770	740	770	770	800	770	800	770	770	830	860	920
695	665	635	665	695	665	635	665	695	695	695	695	695
775	928	945	945	945	905	828	790	715	715	715	752	730
840	840	840	840	840	840	840	750	795	750	840	750	840
560	560	560	560	560	560	560	580	580	580	580	580	580
675	675	780	810	750	725	700	700	675	675	650	625	625
1070	1100	1070	1040	1040	1000	1000	965	1000	965	930	965	930
900	950	900	870	840	930	990	1260	1120	1020	990	960	930
970	970	1000	910	870	840	840	840	810	840	780	790	850
780	780	780	810	965	1100	1380	1230	1230	1100	1040	990	940
993	993	969	969	947	947	969	969	969	993	993	993	993
1040	1160	1160	1160	1100	1100	1100	1160	1160	1100	1040	1040	1040
1020	956	892	892	830	830	830	892	892	886	880	873	1000
718	718	836	836	1030	1170	1100	1100	1100	1030	1100	1030	963
632	609	679	632	656	665	648	630	631	607	607	597	594
1006	988	957	925	917	905	880	855	843	843	856	831	821
694	701	705	765	772	736	715	699	679	667	647	655	720
1037	1044	856	912	900	1008	927	948	936	1527	917	791	822
523	495	470	464	491	523	591	736	797	739	712	506	624
565	588	528	570	620	725	708	673	749	638	630	630	648
693	632	749	867	947	767	717	751	839	883	1037	1108	1031
797	793	767	756	735	715	715	715	745	785	756	756	756
679	628	753	645	701	697	652	598	640	638	645	639	652
383	390	386	382	398	388	388	387	402	434	455	569	459
805	796	916	769	832	856	833	770	731	768	877	874	747
436	449	451	460	461	460	526	521	483	505	598	499	499
930	971	1010	1045	1046	1015	1046	976	979	884	886	866	869
676	691	761	799	816	815	775	726	690	692	690	691	689
366	557	545	506	481	477	477	477	477	494	493	513	518
549	622	679	707	730	662	595	578	549	543	526	512	521
365	365	379	380	384	380	376	371	379	437	463	442	431
667	723	760	760	767	685	711	657	625	625	619	649	64
589	574	553	547	517	555	570	588	589	585	564	551	54
377	399	405	398	436	444	467	377	378	316	374	378	38
505	496	485	484	476	485	495	503	497	493	500	500	49
675	658	638	626	628	622	648	644	647	645	654	662	71
420	391	402	402	410	405	420	428	417	425	431	443	44
835	807	796	759	791	765	754	767	723	726	706	711	70
482	476	511	647	627	597	626	620	582	550	584	579	59
603	576	562	784	696	694	659	647	680	820	851	725	74

Chart 2H

1	22	23	24	25	26	27	28	29	30	31	TOTAL
50	950	950	950	1010	1010	950	950	950	950		
890	830	890	1010	1070	1040	1010	1010	950	890		
20	1120	1120	1120	1120	860	860	860	860	860		
550	550	721	636	721	636	636	636	721	721		
100	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	890	860		
695	695	695	695	695	695	695	695	695	728		
715	752	730	715	715	715	715	928	928	928		
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	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	824	894	911	889	841	825	835		
712	506	624	616	619	614	609	599	592	586		
630	630	648	733	301	851	841	824	815	824		
1037	1108	1031	901	933	942	934	855	885	856		
756	756	756	783	762	762	949	752	769	790		
645	638	652	670	581	691	875	925	843	735		
455	568	459	454	463	531	521	517	508	495		
877	874	747	823	771	833	744	811	766	662		
598	499	499	499	509	502	521	521	510	520		
886	866	869	895	877	962	946	1011	1094	1296		
690	681	689	684	684	684	684	684	684	684		
493	573	578	553	570	562	652	602	629	630		16,244
526	512	521	563	617	640	643	627	626	627		17,360
463	442	430	502	574	535	503	488	470	460		12,023
619	648	647	645	651	640	634	660	644	630		20,873
564	551	546	557	577	611	667	698	694	666		17,778
374	378	384	445	462	469	484	493	500	490		12,483
500	500	490	490	507	507	507	495	510	510		15,026
654	662	713	720	721	649	610	615	606	617		20,468
431	443	443	444	450	452	452	447	445	449		12,979
706	711	707	715	684	686	687	687	710	733		23,262
584	579	550	550	530	579	509	481	444	471		15,404
851	725	749	713	648	656	579	616	669	791		19,493

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

OCTOBER

11	12	13	14	15	16	17	18	19	20	21	22	23
950	950	950	950	890	890	890	890	950	950	890	890	890
890	830	830	830	890	830	830	890	890	830	830	890	890
060	1120	1120	1060	1060	1060	990	990	1060	925	990	990	990
978	892	892	978	892	892	892	892	892	892	892	892	978
050	1100	1100	1160	1160	1160	1220	1460	1880	2060	2390	2060	1940
930	930	920	920	905	905	880	905	1020	1020	1360	1190	1410
890	890	890	890	890	878	860	860	860	860	860	878	860
695	695	695	695	695	695	695	695	695	695	695	728	760
020	1110	1070	1070	1020	945	945	865	865	865	865	865	865
020	1020	975	930	930	1120	1120	1120	1160	1020	1020	948	930
675	675	675	700	700	730	760	730	700	675	700	730	730
625	650	700	675	625	675	700	725	700	700	700	700	700
900	870	965	1110	965	965	930	930	930	930	930	930	930
840	840	870	900	2580	2030	1470	1330	1220	1260	1400	990	1120
000	1000	970	930	930	950	950	950	990	1100	1070	1030	990
990	990	990	990	990	990	1020	1130	1040	1020	1020	990	990
1265	1170	1170	1170	1170	1110	1095	1060	1060	1060	1035	1035	1035
1070	1070	1070	1040	1040	1040	1040	1040	1040	1040	1040	990	1070
1080	1080	1150	1220	1080	1020	1080	1020	1020	1020	1080	1080	1020
1100	1030	1030	1030	961	961	961	1170	1410	1330	1410	1410	1330
682	666	695	702	708	700	691	696	687	679	683	680	668
1022	1038	987	964	941	933	934	941	940	919	926	922	902
692	687	690	690	726	775	764	772	714	779	791	760	778
1095	1049	1024	980	968	1009	1127	1245	1186	1102	1088	1153	1015
774	763	719	749	723	750	784	813	768	727	742	727	725
1048	1180	1288	1203	1230	1215	1190	1079	1037	1088	1038	1035	990
1002	908	835	786	728	645	750	1022	934	972	921	908	912
757	778	835	880	831	803	794	773	794	796	796	800	1155
1001	945	912	827	804	861	973	1019	1010	943	973	973	1402
610	621	596	584	590	586	549	596	565	603	563	557	561
808	1069	1220	1147	1030	1179	1076	928	990	943	861	919	835
528	556	540	523	560	571	569	591	524	562	592	570	571
1100	1048	941	927	1071	923	925	953	874	1077	708	864	1036
811	811	860	850	840	846	840	819	771	800	674	943	800
600	598	697	688	798	669	662	720	663	670	645	644	631
1028	1058	826	877	806	785	748	654	693	638	688	734	917
465	456	444	446	437	456	506	501	478	488	518	508	573
741	734	715	708	714	686	695	907	892	698	879	627	705
953	787	729	599	761	833	592	591	587	597	609	595	610
556	515	451	378	539	550	556	554	560	566	575	619	717
516	532	535	541	534	474	521	577	581	554	556	481	636
573	556	746	641	585	654	631	638	638	656	618	728	640
516	509	494	491	491	520	885	1130	924	730	680	634	624
952	865	979	924	906	1155	1261	1207	1142	1082	1067	996	956
658	661	663	618	602	628	622	614	602	619	656	627	629
738	791	764	720	783	667	728	730	682	710	757	695	685

Chart 21

20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
950	890	890	890	950	950	950	890	890	890	890	920	
830	830	890	890	890	830	830	950	950	950	830	1010	
925	990	990	990	1120	1250	1250	1120	1060	1060	1060	1060	
892	892	892	978	978	892	892	978	978	978	978	978	
060	2390	2060	1940	1820	1580	1460	1460	1460	1460	1460	1340	
020	1360	1190	1410	1230	1120	1120	1120	1070	1080	1050	1050	
860	860	878	860	860	860	860	860	955	990	920	920	
695	695	728	760	830	900	900	865	830	795	760	760	
865	865	865	865	865	842	790	790	828	842	842	828	
020	1020	948	930	930	930	930	975	930	930	930	930	
675	700	730	730	760	790	760	730	730	730	730	730	
700	700	700	700	700	700	700	700	725	725	725	725	
930	930	930	930	930	900	900	900	965	965	965	1040	
1260	1400	990	1120	1080	1080	1080	1080	1080	1080	1080	1080	
1100	1070	1030	990	990	990	990	950	990	1030	990	1110	
1020	1020	990	990	990	965	965	965	940	940	940	940	
1060	1035	1035	1035	1035	1060	1060	1060	1035	1010	990	1010	
1040	1040	990	1070	1100	1040	1040	1100	1300	1265	1195	1100	
1020	1080	1080	1020	1020	1020	1020	1020	1020	950	950	950	
1330	1410	1410	1330	1230	1230	1190	1190	1190	1100	1100	1170	
679	683	680	668	681	690	707	708	695	693	700	653	
919	926	922	902	898	934	936	936	939	922	921	920	
779	791	760	778	774	789	800	805	785	789	643	878	
1102	1088	1153	1015	984	985	969	930	1017	1098	1169	1151	
727	742	727	725	718	750	717	694	653	661	678	705	
1088	1038	1035	990	980	956	925	928	933	935	800	795	
972	921	908	912	821	904	869	958	1057	923	993	922	
796	796	800	1155	1017	984	1063	992	906	1058	719	793	
943	973	973	1402	1287	1064	1033	1005	968	977	908	925	
603	563	557	561	540	550	538	544	683	1314	1303	1141	
943	861	919	835	838	827	900	865	798	833	977	894	
562	592	570	571	523	587	570	565	664	691	610	612	
1077	708	864	1036	1104	1009	1098	1381	1543	1445	1157	1386	
800	674	943	800	779	713	760	794	780	870	900	1012	24,926
670	645	644	631	631	631	631	635	637	689	648	650	19,678
638	688	734	917	771	803	842	815	729	821	746	781	27,256
488	518	508	573	639	639	637	654	602	556	596	591	15,712
698	879	627	705	1101	761	682	752	760	723	881	585	19,571
597	609	595	610	616	598	591	580	592	603	650	1186	20,638
566	575	619	717	760	1020	997	877	757	720	697	699	18,529
554	556	481	636	574	585	641	641	548	575	571	565	16,808
656	618	728	640	633	716	696	702	757	672	656	696	19,886
730	680	634	624	612	602	521	570	598	576	563	593	18,113
1082	1067	996	956	910	932	852	877	951	906	906	972	30,313
619	656	627	629	699	639	632	631	583	503	852	533	19,586
710	757	695	685	795	884	1025	973	944	941	889	993	26,584

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

* - Interpolated

NOVEMBER

12	13	14	15	16	17	18	19	20	21	22	23
950	950	950	1010	1010	1010	950	950	950	950	890	770
721	721	721	990	721	892	1250	1060	1150	1060	1120	892
1760	1820	1700	1580	1700	1640	1150	1580	1580	1460	1060	1460
960	990	990	990	990	990	1050	1050	960	930	960	990
848	890	848	890	890	860	860	860	860	860	920	990
1040	1000	970	900	830	900	970	970	900	865	830	865
								1110			2130
675	675	675	675	675	675	675	675	675	675	700	700
810	1060	2350	2620	5250	2110	1470	1200	1160	1240	1240	1060
840	870	900	900	870	900	930	840	870	965	900	930
1020	1020	960	930	755	870	990	990	1050	1120	1190	1080
1230	1150	1190	1070	990	1070	1150	1570	3850	4190	5400	15200
1730	1600	1230	1160	1100	1100	1160	1160	1130	1340	1600	1830
930	970	1170	1300	1495	1300	1495	1230	1265	1265	1230	1035
1230											
1790	1530	1370	1300	1300	1300	1220	1220	1220	1220	1080	1080
961	1030	1030	961	780	830	898	731	839	839	839	961
725	721	731	769	919	771	781	797	818	869	859	867
733	622	824	1037	1057	1052	1052	1129	969	869	858	863
774	822	822	792	804	807	1103	915	671	675	742	884
932	925	941	950	1005	1030	1037	994	960	977	956	909
906	888	821	783	806	889	969	985	1007	1002	990	928
787	806	868	914	898	1063	1444	1837	2402	2470	2246	1900
874	795	871	877	933	777	723	786	910	1619	5726	3063
944	823	876	598	776	807	1013	1070	1066	826	756	812
827	851	838	856	828	821	835	809	782	759	893	821
875	775	659	709	765	652	629	568	812	1458	1391	1485
920	949	864	761	1838	931	897	852	775	755	757	823
907	1016	891	771	838	969	851	852	939	1970	1570	1370
3186	2620	2243	1723	2211	2746	2905	2331	2228	2999	3208	2745
776	762	811	909	814	783	852	611	622	831	889	881
752	613	529	535	601	567	674	686	661	665*	665*	665*
797	709	961	693	681	769	777	784	653	683	742	697
489	444	474	558	616	614	536	506	465	398	357	310
778	853	897	822	794	908	937	1050	942	890	870	837
751	737	733	757	745	706	764	918	842	705	794	645
781	717	775	680	673	693	778	954	988	897	874	829
618	725	604	602	654	657	750	755	683	659	642	658
664	637	605	688	587	736	742	642	639	611	600	604
655	661	729	818	777	754	851	613	1044	1681	1649	1216
890	851	1318	1111	1031	1349	1343	1099	1097	1107	847	751
647	624	714	665	612	658	525	580	554	561	615	546
952	930	633	780	963	924	1012	1083	930	850	958	704

Chart 2J

21	22	23	24	25	26	27	28	29	30	31	TOTAL
950	890	770	770	770	890	950	770	950	1010		
1060	1120			1250				990			
1460	1060	892	892	892	892	892	892	892	978		
930	1460	1460	1340	1340	1340	1340	1460	1820	2060		
	960	990	1050	1050	1080	1120	990	930	990		
860	920	390	1200	1050	990	1060	990	1020	1120		
865	830	865	900	935	970	1040	900	900	935		
		2130		1680							
675	700	700	700	700	700	700	700	675	675		
1240	1240	1060	960	960	920	920	920	845	810		
965	900	930	965	1040	1070	1040	930	930	965		
1120	1190	1080	1080	1020	930	870	755	650	960		
4190	5400	15200	13000	9450	7370	5800	4700	4050	3850		
1340	1600	1830	1730	1640	1380	1100	1230	1300	1300		
1265	1230	1035	970	930	1230	1085	930	810	890		
1220	1080	1080	1080	1150	1230	1300	1450	1300	1220		
839	839	961	1030	961	961	898	961	1030	961		
869	859	867	886	830	790	788	683	767	957		
869	858	863	857	827	870	890	895	867	849		
675	742	884	856	860	962	780	785	887	675		
977	956	909	802	740	652	698	677	750	775		
1002	990	928	882	841	818	711	548	528	564		
2470	2246	1900	1627	1478	1384	1650	1568	1511	1385		
1619	5726	3063	2350	1690	1564	1601	1236	1514	1494		
826	756	812	411	818	620	659	717	681	745		
759	893	821	890	1177	1130	968	801	762	992		
1458	1391	1485	1229	1082	913	841	684	719	711		
755	757	823	805	971	939	1028	922	1016	915		
1970	1570	1370	1686	2075	2453	1941	1691	1692	2697		
2999	3208	2745	2307	2235	2821	3364	3341	3448	3900		
831	889	881	838	874	831	880	831	796	572		25,202
665*	665*	665*	665*	665*	672	810	700	698	688		19,248
683	742	697	790	876	828	729	860	742	708		22,709
398	357	310	268	344	643	725	675	538	586		15,612
890	870	837	687	789	699	826	808	834	888		28,239
705	794	645	764	754	751	760	624	912	806		23,842
897	874	829	839	875	795	812	817	761	776		24,722
659	642	658	712	710	638	663	666	552	387		19,124
611	600	604	555	594	590	473	414	414	420		18,300
1681	1649	1216	1007	1038	1067	972	961	882	816		24,914
1107	847	751	825	881	877	908	903	927	1113		33,697
561	615	546	670	649	655	703	630	705	658		19,499
850	958	704	664	852	855	863	806	1000	1326		29,882

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	950	950	770	720	720	950	950	950	950	890	1010	1010	1010
1896													
1897													
1898	1060	1060	1060	1060	1580	1920	2260	2770	2600	2600	2600	2600	2600
1899	2060	1700	1520	1280	1220	1220	1340	1340	1460	1580	1580	1460	1460
1900	1050	1050	990	1050	1050	1050	1050	1050	1050	990	990	930	930
1901	1130	2180	2070	2070	1870	1600	1350	1240	1310	1200	1130	1060	920
1902	970	970	1040	1080	970	970	970	970	1040	1270	1290	1190	1000
1903			1200		1110			1020				865	
1904													
1905	675	675	675	650	560	560	520	480	480	450	450	480	520
1906													
1907	930	840	810	870	930	965	1000	1100	965	900	1000	1000	1040
1908	990	930	990	1050	990	930	930	990	990	960	900	920	1020
1909	3460	3200	2660	2540	2480	2370	2370	2370	2840	2480	2100	2150	2200
1910	1300	1300	1340	2140	1680	1460	1380	1340	1460	1380	1380	1460	1160
1911	1060	1035	990	1085	1110	1170	1140	1085	1110	1100	1085	1060	1085
1912													
1913	1150	950	950	950	950	950	950	886	824	824	1020	1080	1080
1914	898	783	898	1100	1030	961	783	731	683	638	783	961	731
1915	859	812	947	1000	1103	985	949	918	892	843	790	784	757
1916	747	982	1088	1185	1117	1034	901	698	493	859	949	976	1089
1917	2121	1942	1323	915	885	972	1042	827	985	1022	917	909	1179
1918	829	842	896	927	955	1092	1090	1084	926	901	807	723	774
1919	829	989	1058	918	835	852	836	786	733	628	673	752	829
1920	1236	1260	1249	1211	1168	1011	951	817	872	1019	1222	1225	1170
1921	3353	3890	2723	1816	1582	1435	1470	1310	1218	1350	1360	1552	1372
1922	709	688	650	716	649	1000	662	821	784	612	670	655	674
1923	991	710	685	646	662	798	999	1103	819	615	486	524	702
1924	680	847	950	936	793	796	798	751	772	647	672	754	835
1925	967	1522	2346	1549	1348	1231	1128	1042	937	926	888	999	1017
1926	3325	2469	2521	2703	2522	2191	2020	1506	1174	1240	1088	1471	1312
1927	2467	2453	2444	2461	1923	2290	1746	1702	1347	1789	1804	1534	1660
1928	540	736	444	672	404	619	634	685	813	857	968	974	849
1929	686	719	640	575	609	732	688	696	686	941	2221	1670	1818
1930	678	749	842	975	938	911	835	685	604	575	752	920	893
1931	380	445	563	635	610	462	582	513	572	431	416	532	47
1932	729	763	841	828	819	632	562	613	426	366	290	300	30
1933	765	690	740	805	802	652	809	837	767	781	795	821	90
1934	814	823	778	850	869	814	793	608	726	668	602	586	6
1935	444	399	403	424	575	679	729	656	811	725	657	811	80
1936	581	578	614	581	518	513	779	818	801	654	530	534	6
1937	630	675	643	684	679	641	692	404	734	596	2998	10641	73
1938	1175	1202	1238	1280	1113	1188	1097	1113	1283	1248	1043	903	4
1939	534	617	592	592	586	575	715	644	640	934	1197	1096	8
1940	1136	1045	1008	900	953	949	945	980	871	877	706	476	3

DECEMBER

	12	13	14	15	16	17	18	19	20	21	22	23
0	1010	1010	770	830	670	620	620	620	620	620	670	670
0	2600	2600	2430	2430	2770	2770	2770	2770	2770	2770	2600	2600
0	1460	1460	1460	1340	1340	1580	1580	1820	1820	1580	1580	1580
0	930	930	990	1050	1050	1120	1050	1050	1050	1460	1360	1120
0	1060	920	830	1060	955	990	1020	1020	920	890	1080	1200
0	1190	1000	830	695	695	695	747	1040	1080	1100	1120	1190
	865				850			945			945	
50	480	520	600	675	940	940	940	880	820	790	560	520
00	1000	1040	1000	900							1180	1180
00	920	1020	810	650								1050
00	2150	2200	2050	1850	1800	1660	1660	1700	1480	1390	1570	1700
80	1460	1160	990	990	1020	1160	1100	1100	1070	1100	1160	1160
85	1060	1085	970	990	1085	1085	950	870	910	930	850	1010
020	1080	1080	1220	1080	950	824	1020	1080	886	824	824	1080
783	961	731	638	559	559	559				600		
790	784	757	884	765	574	641	854	704	739	946	1102	1157
949	976	1089	976	760	658	763	876	1162	885	992	989	897
917	909	1179	1640	1553	1192	1191	1529	1633	1737	1627	2038	1737
807	723	774	838	947	895	787	717	617	664	712	745	757
873	752	829	966	601	539	588	638	757	903	986	1126	1160
222	1225	1170	1019	905	745	802	894	1097	1134	1117	1042	950
360	1552	1372	1431	1350	1136	978	521	1184	1124	1295	1175	1163
670	655	674	666	527	873	706	655	1010	1118	974	954	790
486	524	702	812	1089	1009	968	848	911	972	963	799	635
672	754	835	837	833	727	775	639	458	434	420	422	425
888	999	1017	915	914	915	1016	940	1031	906	916	904	923
088	1471	1312	1044	591	755	1171	1291	1296	989	1051	815	794
804	1534	1660	1634	1619	1253	1635	1385	1164	971	1087	950	1548
968	974	849	913	839	843	791	591	647	586	599	615	606
2221	1670	1818	2649	1613	1827	2297	1692	1250	1271	1838	1047	1076
752	920	893	888	725	671	819	701	715	730	570	493	505
416	532	479	398	377	434	620	620	620	621	762	745	718
290	300	304	306	373	416	650	461	1046	832	851	496	750
795	821	902	994	959	872	836	402	701	886	976	972	943
602	586	682	910	1112	800	788	799	804	862	989	1017	1038
657	833	808	739	611	388	339	350	363	359	550	578	490
530	534	659	553	701	851	822	785	720	742	756	710	755
2998	10641	7374	4097	2945	2697	2301	1926	1760	1389	1226	1161	1291
1043	903	468	589	791	1146	1053	790	984	1010	932	928	752
1197	1096	876	820	699	836	1135	1420	1131	945	891	833	770
706	476	391	299	405	343	604	794	1148	1122	1004	1168	1185

Chart 24

	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	620	670	670	770	830	950	950	770	815	860	905	
	2770	2600	2600	2600	2600	2940	3290	3290	2940	2940	2770	
	1580	1580	1580	1820	1580	1580	1580	1820	1820	1580	1820	
	1460	1360	1120	1050	1120	1050	1050	930	880	930	990	
	890	1080	1200	1430	1350	1200	1130	1130	955	890	1020	
	1100	1120	1190	1190	1270	1230	1270	1120	1040	695	1000	
		945			752			790			790	
	790	560	520	520	580	625	625	760	820	760	675	
		1180	1180	1180	1240	1180	1360	1180	1140	1000	1100	
			1050	1080	930	930	1050	1120	990	930	755	
	1390	1570	1700	1660	1660	1750	1570	1390	1310	1390	1570	
	1100	1160	1160	1300	1100	990	990	1040	1100	1100	1160	
	930	860	1010	1010	930	950	930	1035	1060	1035	1035	
	824	824	1080	950	1080	1150	1020	1020	950	1020	1150	
	600					650			826			
	946	1102	1157	1079	955	825	728	837	849	676	719	
	992	989	897	883	873	679	663	669	679	671	656	
	1627	2038	1737	2965	2871	2416	3536	5050	6972	5420	4150	
	712	745	757	670	660	628	640	637	617	588	595	
	986	1126	1160	1199	1016	955	927	998	872	815	741	
	1117	1042	950	909	890	936	956	982	1074	1359	2331	
	1295	1175	1163	1220	1106	1109	1194	1191	1127	1177	1067	
	974	954	790	804	1052	1085	1172	1246	1361	1017	1136	
	963	799	635	608	902	979	879	947	898	1008	776	
	420	422	425	421	539	515	507	663	753	975	882	
	916	904	923	1016	1026	882	859	765	682	639	607	
	1051	815	794	906	869	844	840	928	838	911	920	
	1087	950	1548	1345	1255	1147	1144	1173	1490	1373	1120	
	599	615	606	706	645	995	837	964	1043	889	792	23,106
	1838	1047	1076	1012	971	917	843	732	729	625	704	34,774
	570	493	505	552	533	509	760	666	634	613	613	22,054
	762	745	718	718	694	726	751	837	750	620	557	18,188
	851	496	750	690	1081	929	761	822	780	825	756	20,298
	976	972	943	996	998	1106	1241	1215	1121	1110	1322	27,826
	989	1017	1008	928	946	897	926	965	813	750	671	25,604
	550	578	430	370	648	737	748	735	805	686	643	18,676
	756	710	755	663	723	728	698	667	478	670	596	20,778
	1226	1161	1291	1288	1111	1319	1328	1174	1172	1097	1187	57,880
	932	928	752	1038	948	866	764	885	985	985	693	30,490
	891	833	770	715	685	552	552	659	697	778	918	24,634
	1004	1168	1185	1248	1127	1173	1073	1280	1068	968	1071	28,317

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1941	953	664	662	690	704	967	890	959	778	857	761	699	622
1942	612	612	612	927	737	737	737	999	1000	1157	1052	1051	841
1943	4510	4934	3711	2796	2572	2257	2026	1701	1730	1701	1554	1337	1344
1944	998	895	979	759	575	685	876	673	670	671	674	676	684
1945	796	703	662	668	803	810	747	1120	1193	1040	1035	899	902
1941	817	843	852	957	831	879	1140	1215	1100	1102	1244	1435	1469
1942	1198	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152	1118
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648
1944	764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773
1945	799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599
1941	1678	1898	1941	1823	1679	1616	1569	1473	1700	1708	1648	1770	1372
1942	873	1003	1035	1138	1018	1122	1054	1177	1115	1308	1403	1593	1652
1943	3088	2982	2899	3025	3099	2745	2569	2684	2919	2526	2520	2460	2525
1944	872	869	872	887	884	996	864	876	768	1200	1191	1182	1174
1945	903	1024	1056	1012	818	794	816	870	968	1016	1035	1076	1426
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2830	3468	3201	3339
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6081	7073	8215
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18207	16138	16191	18504
1944	1584	1786	2125	2865	2726	3144	2693	2599	2622	2605	2376	3092	3326
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045
1941	4890	5168	5018	5531	5646	5678	4968	4609	4612	4308	4367	5127	7386
1942	4049	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	4144
1943	13118	14472	15282	15085	15650	14752	21884	11194	10220	10225	9810	9272	8431
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	5509
1945	5984	6978	8661	10592	11644	10720	9978	9101	9082	9218	10489	9101	8230
1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982	5120
1942	6271	5752	5626	5932	6318	6766	8006	9385	9868	9502	8497	7225	6400
1943	15587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513
1944	5791	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	4137
1945	7248	7564	8171	8810	8477	7996	7594	7816	6673	8299	7485	6911	6696

NATURAL FLOW OF BOISE RIVER
BEGINNING 1941

11	12	13	14	15	16	17	18	19	20	21	22	23
JANUARY												
61	699	622	926	1076	929	927	878	884	888	890	886	884
52	1051	841	946	946	621	731	1306	866	756	866	748	976
54	1337	1344	1519	1550	1636	1300	1100	1315	2010	2179	3728	4603
674	676	684	688	962	934	945	1042	827	824	822	722	730
035	899	902	1300	1461	1305	1169	1052	1034	1035	704	830	739
FEBRUARY												
244	1435	1469	1238	1123	1163	1093	994	1041	1151	1069	1093	1369
285	1152	1118	861	997	1179	1011	892	739	753	806	1477	1051
569	1359	1648	1445	1646	1758	1771	1961	1944	2154	2462	2739	3419
751	785	773	785	906	1053	867	858	979	842	847	622	916
1486	1353	1599	3131	2857	2051	1874	1550	1396	1329	1302	1115	1086
MARCH												
1648	1770	1372	1495	1480	1318	1384	1712	1967	1942	1942	1842	1922
1403	1593	1652	1860	1479	1688	1527	1468	1432	1411	1414	1442	1305
2520	2460	2525	3825	3899	3451	3161	2860	2606	2820	2026	2818	2119
1191	1182	1174	1248	1012	681	1196	1442	1446	1399	1366	1122	1135
1035	1076	1426	1746	1707	1520	1403	1519	1304	1172	1532	2260	2813
APRIL												
3468	3201	3339	3509	3396	3665	3394	3243	2963	2670	2387	2370	2452
6081	7073	8215	8731	9411	8204	6527	6620	6098	5858	6528	7779	8562
16138	16191	18504	20265	21625	22310	23229	25040	23312	22450	18721	17930	15208
2376	3092	3326	2841	2721	2302	2377	2310	2015	2274	2185	2348	2613
2057	2075	2045	1985	2296	2082	2706	2855	3445	4460	6135	7701	6650
MAY												
4367	5127	7386	8408	7496	6193	5543	5536	5708	5101	4809	4875	5676
4477	4364	4144	4097	4044	4151	4093	3815	3906	3693	4044	4664	6595
9810	9272	8431	8266	7851	7404	7311	7009	6906	7316	8041	8851	10237
5134	5178	5509	6077	7059	7632	7270	6542	5688	5076	4361	4248	4142
10489	9101	8230	8448	7555	6677	7216	7208	6601	5903	5382	5033	4993
JUNE												
4826	4982	5120	5417	5474	5217	4718	4390	4612	4450	4067	3541	3436
8497	7225	6400	6171	6105	6822	6402	5525	5420	5117	4791	4453	4427
9666	10493	11513	11171	10305	10063	9048	9978	11871	12584	11249	10070	10859
4477	4254	4137	4007	4063	4095	4112	3762	3506	3582	3888	3933	3924
7485	6911	6696	6727	6164	5678	5343	5416	5806	6460	7091	7389	7317

NATURAL FLOW OF BOISE RIVER BEGINNING 1941

11	12	13	14	15	16	17	18	19	20	21	22	23
JANUARY												
61	699	622	926	1076	929	927	878	884	888	890	886	884
52	1051	841	946	946	621	731	1306	866	756	866	748	976
54	1337	1344	1519	1550	1636	1300	1100	1315	2010	2179	3728	4603
674	676	684	688	962	934	945	1042	827	824	822	722	730
035	899	902	1300	1461	1305	1169	1052	1034	1035	704	830	739
FEBRUARY												
1244	1435	1469	1238	1123	1163	1093	994	1041	1151	1069	1093	1369
1285	1152	1118	861	997	1179	1011	892	739	753	806	1477	1051
1569	1359	1648	1445	1646	1758	1771	1961	1944	2154	2462	2739	3419
751	785	773	785	906	1053	867	858	979	842	847	622	916
1486	1353	1599	3131	2857	2051	1874	1550	1396	1329	1302	1115	1086
MARCH												
1648	1770	1372	1495	1480	1318	1384	1712	1967	1942	1942	1842	1922
1403	1593	1652	1860	1479	1688	1527	1468	1432	1411	1414	1442	1305
2520	2460	2525	3825	3899	3451	3161	2860	2606	2820	2026	2818	2119
1191	1182	1174	1248	1012	681	1196	1442	1446	1399	1366	1122	1135
1035	1076	1426	1746	1707	1520	1403	1519	1304	1172	1532	2260	2813
APRIL												
3468	3201	3339	3509	3396	3665	3394	3243	2963	2670	2387	2370	2452
6081	7073	8215	8731	9411	8204	6527	6620	6098	5858	6528	7779	8562
16138	16191	18504	20265	21625	22310	23229	25040	23312	22450	18721	17930	15208
2376	3092	3326	2841	2721	2302	2377	2310	2015	2274	2185	2348	2613
2057	2075	2045	1985	2296	2082	2706	2855	3445	4460	6135	7701	6650
MAY												
4367	5127	7386	8408	7496	6193	5543	5536	5708	5101	4809	4875	5676
4477	4364	4144	4097	4044	4151	4093	3815	3906	3693	4044	4664	6595
9810	9272	8431	8266	7851	7404	7311	7009	6906	7316	8041	8851	10237
5134	5178	5509	6077	7059	7632	7270	6542	5688	5076	4361	4248	4142
10489	9101	8230	8448	7555	6677	7216	7208	6601	5903	5382	5033	4993
JUNE												
4826	4982	5120	5417	5474	5217	4718	4390	4612	4450	4067	3541	3436
8497	7225	6400	6171	6105	6822	6402	5525	5420	5117	4791	4453	4427
9666	10493	11513	11171	10305	10063	9048	9978	11871	12584	11249	10070	10859
4477	4254	4137	4007	4063	4095	4112	3762	3506	3582	3888	3933	3924
7485	6911	6696	6727	6164	5678	5343	5416	5806	6460	7091	7389	7317

Chart # 2-L

21	22	23	24	25	26	27	28	29	30	31	TOTAL
890	886	884	917	1030	1215	1172	942	811	808	911	27,130
866	748	976	1119	1265	1511	1172	1323	1489	1388	1281	31,091
2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006	76,595
822	722	730	940	827	828	823	733	748	744	752	24,706
704	830	739	663	816	806	737	774	772	684	876	28,135
1069	1093	1369	1529	1776	1535	1284	1342				32,684
806	1477	1051	1150	952	922	941	1079				31,581
2462	2739	3419	3440	3327	2831	2870	2759				58,282
847	622	916	794	919	798	797	954	780			26,305
1302	1115	1086	1077	1051	836	969	1056				40,062
1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
1414	1442	1305	1575	1447	1464	1476	1546	1639	1988	2250	43,902
2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569
1366	1122	1135	1463	1179	1149	1154	904	1053	1094	1369	34,047
1532	2260	2813	2856	2541	2242	2530	2320	2510	2290	2501	49,580
2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		94,150
6528	7779	8562	7355	6099	5718	5033	4620	3317	4353		170,811
18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		503,266
2185	2348	2613	2821	3624	3471	3330	3282	3712	4231		82,000
6135	7701	6650	6101	5125	4326	3792	2729	3768	4622		101,184
4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182,668
4044	4664	6595	9166	8745	10608	10690	8987	7899	6931	6560	162,838
8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361,402
4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
5382	5033	4993	5600	6638	6372	6538	6147	6452	6932	7120	236,573
4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
4791	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
11249	10070	10859	10635	9768	9435	9483	9715	9920	9755		313,877
3888	3933	3924	3606	3689	3732	3741	3684	3228	3004		123,863
7091	7389	7317	7137	6538	6633	5948	5117	4311	3963		202,998

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1941	2322	2243	2039	1927	1952	1710	1674	1575	1513	1437	1337	1296	1213
1942	4013	4240	4155	3775	3793	3472	3324	3084	2814	2736	2424	2238	2108
1943	10045	9693	9197	9300	8879	8231	8048	8399	8360	7942	7292	6508	5908
1944	3009	3102	2688	2700	2403	2513	2184	2012	1856	1998	1857	1698	1642
1945	3718	3569	3697	3642	3538	3165	3117	2943	2881	2900	2523	2409	2555

1941	943	873	856	848	786	713	736	738	716	702	682	1339	1262
1942	1051	1009	1000	1009	967	972	930	893	929	862	878	784	756
1943	2477	2514	2409	2330	2308	2173	2044	1875	1896	2060	1656	1539	1630
1944	1012	1000	1042	1027	1002	956	859	783	814	790	770	767	687
1945	1093	1020	1077	1025	961	978	949	1246	915	915	970	929	912

1941	658	634	632	650	640	655	646	627	643	655	653	642	669
1942	617	631	599	595	588	558	553	521	515	500	530	554	592
1943	1173	1175	1155	1136	1100	1076	1048	1022	1013	957	922	914	882
1944	476	473	489	551	574	627	650	640	645	603	568	557	517
1945	610	613	606	604	569	586	584	577	609	568	575	611	579

1941	718	694	674	665	691	724	752	797	732	715	591	676	783
1942	567	748	695	662	697	665	659	684	455	501	459	605	740
1943	696	781	752	808	678	450	1043	864	845	766	907	1228	940
1944	571	583	702	630	554	718	635	636	619	646	652	635	617
1945	353	745	778	774	726	715	716	722	581	601	570	773	696

1941	781	821	822	930	1393	1076	1022	894	905	852	802	903	780
1942	775	901	890	915	897	781	803	921	939	1113	725	747	707
1943	1158	1212	1079	1106	1917	2081	1526	1332	1175	853	1740	1240	1156
1944	952	1196	917	1007	1406	1314	1050	900	847	1011	1148	1039	928
1945	902	1104	715	807	917	860	812	865	785	740	787	1072	819

1941	943	947	1661	4605	3137	2036	1837	1555	1400	1485	1458	1237	1309
1942	1854	1741	1385	1159	1017	1168	1147	1262	1194	1217	1312	1212	1225
1943	939	1182	1062	1062	977	1055	965	803	1048	807	656	746	746
1944	805	808	793	686	667	728	736	746	638	407	342	352	396
1945	972	718	616	866	1056	1008	1091	933	819	456	695	856	664

NATURAL FLOW OF FOISE RIVER
BEGINNING 1941

12	13	14	15	16	17	18	19	20	21	22	23	24
JULY												
1296	1213	1239	1233	1251	1217	1219	1147	1113	1090	1041	994	966
2238	2108	2075	1899	1811	1790	1696	1591	1530	1473	1450	1417	1356
6508	5908	5338	5040	5053	4694	4405	4363	4274	4063	4189	4169	4086
1698	1642	1590	1519	1482	1511	1455	1401	1317	1284	1347	1321	1293
2409	2555	2355	2179	2136	2081	1791	1789	1709	1623	1644	1504	1535
AUGUST												
1339	1262	1140	899	839	852	890	1240	962	832	879	800	714
784	756	742	745	729	674	688	648	611	596	625	597	623
1539	1630	1644	1636	1618	1594	1521	1514	1457	1400	1366	1315	1304
767	687	650	649	638	631	634	626	616	581	542	536	547
929	912	882	814	799	769	750	759	726	727	710	714	720
SEPTEMBER												
642	669	698	742	747	740	727	686	699	710	726	726	728
554	592	624	632	638	623	623	601	620	635	652	666	615
914	882	917	926	889	862	817	783	787	758	828	858	840
557	517	509	487	455	477	474	547	606	663	707	689	672
611	579	594	563	557	578	589	624	630	644	691	829	875
OCTOBER												
676	783	804	698	802	2533	1954	1566	1420	1187	922	936	850
605	740	744	844	563	683	718	692	895	720	764	720	760
1228	940	1122	939	927	1006	876	1012	883	1121	1084	1085	1054
635	617	611	652	642	821	807	673	632	598	664	671	674
773	696	542	865	746	689	777	846	792	814	838	768	797
NOVEMBER												
903	780	894	1387	2533	1954	1566	1420	1187	922	936	850	694
747	707	842	944	1562	1158	1186	1150	1007	857	703	858	1128
1240	1156	1206	1133	1130	1128	967	1087	1141	1106	985	1056	1056
1039	928	975	860	870	745	682	577	656	681	731	722	699
1072	819	840	941	957	992	888	936	976	839	675	580	875
DECEMBER												
1237	1309	1406	1372	1694	1580	1838	1871	2130	2240	2199	1896	1673
1212	1225	1116	1111	1041	1189	1052	920	942	994	1293	1140	1395
746	746	746	770	748	759	939	974	1002	1003	1186	1003	943
352	396	406	464	505	765	610	640	866	1052	818	1137	906
856	664	571	568	707	645	1040	833	691	898	893	1243	1173

Chart # 2-M

21	22	23	24	25	26	27	28	29	30	31	TOTAL
1090	1041	994	966	947	900	891	1141	1079	1040	920	41,666
1473	1450	1417	1356	1337	1280	1290	1198	1161	1151	1045	68,726
4063	4189	4169	4086	3455	3563	3448	3226	3148	2845	2638	179,799
1284	1347	1321	1293	1251	1259	1179	1149	1118	1029	1024	53,191
1623	1644	1504	1535	1447	1328	1282	1212	1209	1232	1191	69,904
832	879	800	714	860	776	781	787	749	724	686	26,603
596	625	597	623	626	596	605	568	578	593	603	23,487
1400	1366	1315	1304	1280	1278	1244	1234	1211	1179	1172	51,878
581	542	536	547	534	523	529	518	537	539	503	21,842
727	710	714	720	679	646	623	584	588	590	588	25,658
710	726	726	728	728	731	727	711	714	715		20,659
635	652	666	615	604	572	557	575	536	544		17,670
758	828	858	840	891	815	850	874	882	899		28,049
663	707	689	672	658	636	624	630	620	560		17,384
644	691	829	875	951	962	782	675	681	656		19,573
1187	922	936	850	694	863	958	909	675	1000	871	31,600
720	764	720	760	651	626	702	792	737	835	699	21,282
1121	1084	1085	1054	1188	1148	1202	1284	1460	1451	1301	30,901
598	664	671	674	693	659	958	436	669	638	718	20,414
814	838	768	797	776	785	800	781	802	819	924	22,911
922	936	850	694	863	958	909	675	1000	871		31,600
857	703	858	1128	1793	1534	1246	1442	1412	2098		32,034
1106	985	1056	1056	968	1056	959	955	909	935		35,352
681	731	722	699	802	716	741	747	600	581		26,099
839	675	580	875	1004	991	1061	1096	1094	905		26,835
2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
994	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620	40,891
1003	1186	1003	943	1056	954	838	628	536	757	994	27,884
1052	818	1137	906	839	783	615	621	588	906	826	21,451
898	893	1243	1173	1130	1000	1206	1505	3667	5249	3587	37,356

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

YEAR	October	November	December	January	February	March	April
1894-95	54700(8)	54000	62700	78600	68280	103180	2431
1895-96	57040	54980	50980	73440	67660	157560	2950
1896-97	54220	62300(3)	64600	50520	55240	87960	4760
1897-98	63440	64100	61500(7)	34100	67200	119280	25190
1898-99	53262	56240	151640	160600	79640	123900	4257
1899-00	83664	90000	97000	125420	96440	305220	3800
1900-01	63570	61880	65060	79440	98340	179320	3059
1901-02	56464	55892	76400	61300	90440	88920	2114
1902-03	45630	54498	63474	81760	63570	143360	4482
1903-04	58554	67800(7)	57500	124000(1)	108000(1)	262140	6718
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	1762
1905-06	42980	41020	40410	56810	57240	101100	3379
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	6733
1907-08	57890	55978	63300	67230	63282	141130	3825
1908-09	68440	59280	58000	138160	110680	232840	4721
1909-10	63140	200560	124760	79900	66600	566900	60998
1910-11	63210	73780	76820	63010	76340	159570	3239
1911-12	66570	66700	63520	78420	76120	99580	3426
1912-13	66960	67820	60680	53800	51400	101800	3749
1913-14	63524	80180	61380	71196	74968	216040	4690
1914-15	69680	58368	44800	59580	59726	94782	1765
1915-16	42410	45626	53346	49930	63262	197486	5550
1916-17	59106	54016	53702	47628	47694	61740	26708
1917-18	46004	49506	128592	113818	77754	181542	34604
1918-19	64492	56578	49118	50532	52844	114916	39585
1919-20	47968	56548	52610	66528	66774	89234	18904
1920-21	59966	75678	67106	112422	94098	271472	39448
1921-22	55492	39088	44979	60982	53180	113692	31964
1922-23	52172	48886	52872	62100	50860	92700	27372
1923-24	61592	52930	51286	48954	72446	63550	13642
1924-25	39218	53862	42912	48416	129386	192378	50186
1925-26	58400	52394	63522	48414	64264	140448	23267
1926-27	34882	67640	84790	63200	104630	188084	37892
1927-28	69014	144162	97842	90008	79354	272846	31681
1928-29	49852	50792	46212	45514	49720	101904	17909
1929-30	39356	36848	69543	44774	64388	103616	27417
1930-31	54512	45418	44108	44818	45298	91246	17717
1931-32	31424	31224	36376	38612	36756	135826	33600
1932-33	39142	56478	40596	43926	41136	64474	239342
1933-34	41276	47684	55652	79680	79948	151896	249648
1934-35	37058	49444	51208	52256	54336	83150	299458
1935-36	33616	38248	37352	44612	47356	100060	577594
1936-37	39772	36600	41556	37568	41728	89870	207358
1937-38	36266	49828	115760	67492	71566	191026	505100
1938-39	60626	67394	60980	52236	47170	164294	328918
1939-40	40474	38998	49268	53858	75724	201572	355842
1940-41	53168	59764	56634	54260	65368	113448	188300
1941-42	48552	63200	106838	62182	62162	87804	341622
1942-43	42564	64068	81782	153190	116564	235138	1006532
1943-44	61802	70704	55768	49412	52610	68094	164000
1944-45	40828	52198	42902	56270	80144	99160	202368

FOR IRRIGATION YEARS BEGINNING 1894 - 1895.

	March	April	May	June	July	August	September	TOTAL	
	103180	243140	395220	225700	152380	63620	58000	1,559,520	
	157560	295040	555380	1464280	385520	81960	57500	3,301,340	
	87960	476000(5)	508000(6)	415000(5)	143300	67250	62520	2,045,910	
	119280	251900	320280	299360	116848	45708	39168	1,482,884	(1) Mo
	113900	425740	608020	731400	356160	109940	68900	2,915,442	HS
	305220	380020	510720	300640	84156	53496	51196	2,177,972	(2) So
	179320	305940	626460	287420	116400	52222	49944	1,985,996	(3) S
	88920	211470	353460	287160	106720	49496	40914	1,478,636	f
	143360	448220	520620	601880	147580	53000	46344	2,269,936	(4) M
(1)	262140	671840	828600	521060	201920	71972	43830	3,017,216	s
(2)	101900	176200	229820	247660	78860	39870	34660	1,183,050	(5) M
	101100	337920	428100	346980	162900	52410	41090	1,702,950	s
(4)	346120	673380	683520	534560	335640	101600	62066	3,207,016	y
	141130	382540	370360	324880	128500	64920	55524	1,845,534	(6) M
	232840	472120	605240	655220	226800	63690	57220	2,747,690	s
	566900	609980	513560	310360	110040	55970	56390	2,758,160	y
	159570	323960	549120	740860	233040	74906	59728	2,494,344	(7) T
	99580	342620	684180	677560	173980	83380	66080	2,478,710	(8) A
	101800	374960	573740	413420	158660	82964	54290	2,060,494	w
	216040	469040	553660	307700	124130	58742	52654	2,133,214	
	94782	176564	274130	191900	83978	40926	39672	1,194,106	
	197486	555062	563720	594764	293818	80102	53680	2,593,206	
	61740	267082	654106	643322	260216	65224	43950	2,257,786	
	181542	346040	409954	461268	112120	56300	49922	2,032,820	
	114916	395854	509192	240872	69736	36404	34262	1,674,800	
	89234	189044	449730	333468	117328	40586	39034	1,548,852	
	271472	394484	824032	718728	175390	63068	48784	2,905,228	
	113692	319642	552674	659854	148066	65210	47974	2,160,833	
	92700	273726	454010	376208	192504	67552	42946	1,766,536	
	63550	136450	243200	76792	35296	24426	25320	892,242	
	192378	501862	700486	367370	152598	60730	47302	2,336,520	
	140448	232672	247704	105072	41132	30872	29480	1,113,374	
	188084	378928	665294	725602	233700	74786	55734	2,677,270	
	272846	316812	852194	305656	118292	51462	41304	2,438,946	
	101904	179094	359418	285896	98288	36822	32488	1,336,000	
	103616	274178	295246	257382	79234	43256	34720	1,342,541	
	91246	177172	251538	110862	34670	23156	24046	946,844	
	135826	336006	564176	458224	154298	52212	41746	1,916,880	
	64474	239342	341610	538198	99610	40282	35556	1,580,350	
	151896	249648	229216	86240	37252	22622	24966	1,106,080	
	83150	299458	428528	363262	97334	39022	30052	1,585,108	
	100060	577594	625906	319284	82558	43272	40936	1,990,794	
	89870	207358	381192	178996	60820	25996	25958	1,167,414	
	191026	505100	711314	558138	201292	71190	46910	2,625,882	
	164294	328918	341836	136300	60358	28454	30436	1,379,002	
	201512	355842	434480	227258	64468	31480	38986	1,612,348	
	113448	188300	365336	266776	83332	53206	41318	1,400,910	
	87804	341622	325676	362374	137452	46974	35340	1,680,172	
	235138	1006532	722804	627754	359598	103756	56098	3,569,848	
	68094	164000	303208	247726	106382	43684	34768	1,258,158	
	99260	202368	473146	405996	139808	51316	39146	1,683,282	

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895.

March	April	May	June	July	August	September	TOTAL	
103180	243140	395220	225700	152380	63620	58000	1,559,520	
157560	285040	555380	1464280	385520	81960	57500	3,301,340	
87960	476000(5)	508000(6)	415000(5)	143300	67250	62520	2,045,910	(1) No
119280	251900	320280	299360	116848	45708	39168	1,482,884	Hi
123900	425740	608020	731400	356160	109940	68900	2,915,442	(2) Su
305220	380020	510720	300640	84156	53496	51196	2,177,972	fr
179320	305940	626460	287420	116400	52222	49944	1,985,996	(3) Su
88920	211470	353460	287160	106720	49496	40914	1,478,636	fr
143360	448220	520620	601880	147580	53000	46344	2,269,936	(4) Mi
262140	671840	828600	521060	201920	71972	48830	3,017,216	st
101900	176200	229820	247660	78860	39870	34660	1,183,050	(5) Mi
101100	337920	428100	346980	162900	52410	41090	1,702,950	st
346120	673380	683520	534560	335640	101600	62066	3,207,016	ye
141130	382540	370360	324880	198500	64920	55524	1,845,534	(6) Mi
232840	472120	605240	655220	226800	63690	57220	2,747,690	st
566900	609980	523560	310360	110040	55970	56390	2,758,160	ye
159570	323960	549120	740860	233040	74906	59728	2,494,344	(7) In
99580	342620	684180	677560	173980	83380	66080	2,478,710	(8) Ave
101800	374960	573740	413420	158660	82964	54290	2,060,494	wa
216040	489040	553660	307700	124130	58742	52654	2,133,214	
94782	176564	274130	191900	83978	40926	39672	1,194,106	
197486	555062	563720	594764	293818	80102	53680	2,593,206	
61740	267082	654106	643322	260216	65224	43950	2,257,786	
181542	346040	409954	461268	112120	56300	49922	2,032,820	
114916	395854	509192	240872	69736	36404	34262	1,674,800	
89234	189044	449730	333468	117328	40586	39034	1,548,852	
271472	394484	824032	718728	175390	63068	48784	2,905,228	
113692	319642	552674	659854	148066	65210	47974	2,160,833	
92700	273726	454010	376208	192504	67552	42946	1,766,536	
63550	136450	243200	76792	35296	24426	25320	892,242	
192378	501862	700486	367370	152598	60730	47302	2,336,520	
140448	232672	247704	705072	41132	30872	29480	1,113,374	
188084	378928	665294	725602	233700	74786	55734	2,677,270	
272846	316812	852194	305656	118292	51462	41304	2,438,946	
101904	179034	359418	285896	98288	36822	32488	1,336,000	
103616	274178	295246	257382	79234	43256	34720	1,342,541	
91246	177172	251538	110862	34670	23156	24046	946,844	
135826	336006	564176	458224	154298	52212	41746	1,916,880	
64474	239342	341610	538198	99610	40282	35556	1,580,350	
151896	249648	229216	86240	37252	22622	24966	1,106,080	
83150	299458	428528	363262	97334	39022	30052	1,585,108	
100060	577594	625906	319284	82558	43272	40936	1,990,794	
89870	207358	381192	178996	60820	25996	25958	1,167,414	
191026	505100	711314	558138	201292	71190	46910	2,625,882	
164294	328918	341836	136300	60358	28454	30436	1,379,002	
201512	355842	434480	227258	64468	31480	38986	1,612,348	
113448	188300	365336	266776	83332	53206	41318	1,400,910	
87804	341628	325676	362374	137452	46974	35340	1,680,172	
235138	1006532	722804	627754	359598	103756	56098	3,569,848	
68094	164000	303208	247726	106382	43684	34768	1,258,158	
99160	202368	473146	405996	139808	51316	39146	1,683,282	

MOISE RIVER - IN ACRE FEET

CHART # 4

BEGINNING 1894 - 1895.

June	July	August	September	TOTAL	
225700	152380	63620	58000	1,559,520	
1464280	385520	81960	57500	3,301,340	
6) 415000(5)	143300	67250	62520	2,045,910	
299360	116848	45708	39168	1,482,884	(1) Mean of 4 High Years.
731400	356160	109940	68900	2,915,442	(2) Substituted from 1906.
300640	84156	53496	51196	2,177,972	(3) Substituted from 1900.
287420	116400	52222	49944	1,985,996	(4) Missing Days substituted from 1900.
287160	106720	49496	40914	1,478,636	(5) Missing Days substituted from 21 year mean.
601880	147580	53000	46344	2,269,936	(6) Missing months substituted from 21 year mean.
521060	201920	71972	43830	3,017,216	(7) Interpolated
247660	78860	39870	34660	1,183,050	(8) Average of 5 short water years.
346980	162900	52410	41090	1,702,950	
534560	335640	101600	62066	3,207,016	
324880	128500	64920	55524	1,845,534	
655220	226800	63690	57220	2,747,690	
310360	110040	55970	56390	2,758,160	
740860	233040	74906	59728	2,494,344	
677560	173980	83380	66080	2,478,710	
413420	158660	82964	54290	2,060,494	
307700	124130	58742	52654	2,133,214	
191900	83978	40926	39672	1,194,106	
594764	293818	80102	53680	2,593,206	
643322	260216	65224	43950	2,257,786	
461268	112120	56300	49922	2,032,820	
240872	69736	36404	34262	1,674,800	
333468	117328	40586	39034	1,548,852	
718728	175390	63068	48784	2,905,228	
659854	148066	65210	47974	2,160,833	
376208	192504	67552	42946	1,766,536	
76792	35296	24426	25320	892,242	
367370	152598	60730	47302	2,336,520	
105072	41132	30872	29480	1,113,374	
725602	233700	74786	55734	2,677,270	
305656	118292	51462	41304	2,438,946	
285896	98288	36822	32488	1,336,000	
257382	79234	43256	34720	1,342,541	
110862	34670	23156	24046	946,844	
458224	154298	52212	41746	1,916,880	
538198	99610	40282	35556	1,580,350	
86240	37252	22622	29666	1,106,080	
363262	97334	39022	30052	1,585,108	
319284	82558	43272	40936	1,990,794	
178996	60820	25996	25958	1,167,414	
558138	201292	71190	46910	2,625,882	
136300	60358	28454	30436	1,379,002	
227258	64468	31480	38986	1,612,348	
266776	83332	53206	41318	1,400,910	
362374	137452	46974	35340	1,680,172	
627754	359598	103756	56098	3,569,848	
247726	106382	43684	34768	1,258,158	
405996	139808	51316	39146	1,683,282	

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1	New York Canal (MC #2)	0	0	0	0	628	851	971	1221	1327	127
2	Penitentiary	0	0	0	0	0	0	0	0	0	0
3	Lubb (South Boise)	0	0	0	0	0	0	0	0	0	0
4	Ridenbaugh	0	0	0	0	0	0	0	0	0	0
5	Settlers	0	0	0	0	0	0	0	0	0	0
6	Thurman Mill	0	0	0	0	0	0	0	0	0	0
7	Cruzen (Consumers)	0	0	0	0	0	0	0	0	0	0
8	Boise City Canal	0	0	0	0	0	0	0	0	0	0
9	Farmers' Union & E. V.	0	0	0	0	0	0	0	0	0	0
10	New Union Ditch Co.	0	0	0	0	0	0	0	0	0	0
11	New Dry Creek Ditch Co.	0	0	0	0	0	0	0	0	0	0
12	Ballantine Ditch Co.	0	0	0	0	0	0	0	0	0	0
13	x Middleton Canals	0	0	0	0	0	0	0	0	0	0
14	Little Pioneer	0	0	0	0	0	0	0	0	0	0
15	Canyon County	0	0	0	0	0	0	0	0	0	0
16	x Eagle Island Canals	0	0	0	0	0	0	0	0	0	0
17	Phyllis	0	0	0	0	0	0	0	0	0	0
18	Eureka #1	0	0	0	0	0	0	0	0	50	60
19	Caldwell High Line	0	0	0	0	0	0	0	0	0	0
20	Farmers' Coop.	0	0	0	0	0	0	0	0	0	0
21	Campbell	0	0	0	0	0	0	0	0	0	0
22	Siebenberg	0	0	0	0	0	0	0	0	0	0
23	Riverside #2	0	0	0	0	0	0	0	0	0	0
24	Pioneer Dixie	0	0	0	0	0	0	0	0	0	0
25	Eureka #2	0	0	0	0	0	0	0	0	0	0
26	Upper Center Point	0	0	0	0	0	0	0	0	0	0
27	Lower Center Point	0	0	0	0	0	0	0	0	0	0
28	x Miscellaneous	0	0	0	0	0	0	0	0	0	0
	Total Canal Diversions	0	0	0	0	628	851	971	1221	1377	1335
29	River at Notus	1300	1280	1180	1110	775	482	444	421	405	380
	Totals	1300	1280	1180	1110	1403	1333	1415	1642	1782	1715

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

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

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

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1945, INCLUDING STORAGE

APRIL

[illegible]

itch Co.

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

Chart No. 5

19	20	21	22	23	24	25	26	27	28	29	30	Total
1065	1503	1930	1992	2220	2316	2311	2368	2488	2578	2606	2634	39469
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	16	16
0	145	183	235	246	331	303	352	378	389	403	427	3392
0	0	0	0	10	18	25	47	63	81	95	117	456
0	0	0	0	0	0	0	0	30	36	40	43	149
0	0	0	0	0	0	0	20	23	24	26	27	120
0	0	0	0	0	0	0	21	23	25	25	26	120
0	0	0	0	0	0	0	0	141	141	143	154	579
0	0	0	0	0	0	0	0	12	14	14	14	54
0	0	0	0	0	0	0	20	36	57	60	63	236
0	0	0	0	0	0	0	0	9	9	9	12	39
0	0	0	0	0	53	67	77	107	190	176	162	832
0	0	0	0	0	0	0	20	28	38	39	41	166
0	0	0	0	0	0	70	80	96	93	87	81	501
0	0	0	0	0	10	15	20	25	30	35	40	175
198	244	242	280	302	310	324	332	348	350	350	366	4551
10	10	10	18	10	10	10	10	16	20	20	20	164
36	36	36	36	44	44	44	44	44	72	78	84	718
130	76	110	110	110	152	152	152	178	204	230	256	1860
0	0	0	0	0	0	0	0	20	24	24	25	93
0	0	0	0	0	0	0	0	4	4	4	4	16
0	0	0	0	0	0	0	0	0	0	0	152	152
0	0	0	0	0	0	0	0	0	0	0	48	48
0	0	0	0	0	0	0	0	0	20	25	30	75
0	0	0	0	0	0	0	0	10	10	12	14	46
0	0	0	0	0	14	14	14	14	14	16	18	104
0	0	0	0	0	0	0	5	10	15	20	22	72
1439	2014	2511	2671	2942	3258	3335	3582	4097	4438	4537	4896	54203
390	321	289	394	331	419	504	482	355	302	302	213	15403
1829	2335	2800	3065	3273	3677	3839	4064	4452	4740	4839	5109	69606

en Suckers

No.	Name of Canal	1	2	3	4	5	6	7	8	
1.	New York Canal (MC #2)	2774	2807	2858	2858	2914	2836	2858	2858	2
2.	Penitentiary	4	4	4	4	4	4	4	4	
3.	Eubb (South Boise)	18	22	25	28	30	33	33	32	
4.	Ridenbaugh	447	483	533	486	469	483	482	482	
5.	Settlers	134	156	165	165	162	165	169	170	
6.	Thurman Mill	46	47	49	51	53	56	55	54	
7.	Cruzen (Consumers)	29	30	30	31	31	32	30	28	
8.	Boise City Canal	27	27	29	30	30	31	31	31	
9.	Farmers' Union & E. V.	172	188	204	206	211	211	208	206	
10.	New Union Ditch Co.	14	14	14	14	14	14	13	13	
11.	New Dry Creek Ditch Co.	66	69	72	75	77	79	78	77	
12.	Ballantine Ditch Co.	14	16	18	21	23	24	24	24	
13.	x Middleton Canals	148	200	194	215	227	227	227	227	
14.	Little Pioneer	42	44	45	47	49	51	48	45	
15.	Canyon County	75	69	63	58	53	48	49	50	
16.	x Eagle Island Canals	42	44	46	47	47	47	47	47	
17.	Phyllis	382	390	400	390	390	390	390	400	
18.	Eureka #1	20	20	20	30	30	30	30	30	
19.	Caldwell High Line	84	84	90	90	90	90	104	104	
20.	Farmers' Coop.	276	296	362	358	380	380	362	358	
21.	Campbell	25	26	28	30	32	30	29	27	
22.	Siebenberg	4	4	4	4	4	6	6	5	
23.	Riverside #2	166	160	158	155	148	151	154	157	
24.	Pioneer Dixie	54	60	67	79	95	92	89	86	
25.	Eureka #2	35	40	49	61	77	73	71	70	
26.	Upper Center Point	16	18	20	22	23	22	22	22	
27.	Lower Center Point	20	21	23	25	25	23	21	20	
28.	x Miscellaneous	24	26	28	30	31	31	31	31	
	Total Canal Diversions	5158	5365	5598	5610	5719	5659	5665	5658	564
29.	River at Notus	98	66	163	1790	2770	4630	4970	4630	446
	Totals	5256	5431	5761	7400	8489	10289	10635	10288	1010

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

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

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

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1945, INCLUDING STORAGE

MAY

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
58	2858	2796	2863	2852	2797	2825	2820	2815	2763	2634	2679	2701	2645	2498	248
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
33	32	31	31	30	29	29	28	28	27	27	27	26	25	24	2
82	482	496	507	507	502	483	482	467	19	423	424	415	415	409	41
69	170	171	172	175	176	178	180	181	116	117	118	120	121	118	12
55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	41
30	28	27	26	26	25	25	24	23	23	22	22	21	21	21	20
31	31	31	30	30	30	30	30	29	29	29	29	29	28	28	28
208	206	204	202	211	212	205	199	177	186	184	182	179	177	175	173
13	13	12	12	11	11	11	10	10	10	9	9	9	8	8	8
78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63
24	24	24	23	23	23	23	22	22	22	22	21	21	21	21	20
227	227	250	241	248	243	239	234	220	214	210	208	201	196	191	141
48	45	42	39	36	33	30	27	24	21	18	15	13	14	15	17
49	50	51	52	53	54	55	56	57	58	59	60	60	61	63	64
47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
890	400	410	410	410	410	0	0	76	77	234	253	250	232	232	232
30	30	30	30	30	30	28	26	24	23	22	21	20	24	24	24
104	104	104	104	104	104	104	104	104	104	80	60	54	60	60	60
862	358	374	386	380	386	350	350	340	280	270	268	268	276	276	272
29	27	26	24	23	20	19	17	15	15	15	14	14	14	14	14
6	5	5	5	5	4	4	4	3	3	3	2	2	2	2	2
54	157	160	163	167	170	173	176	179	183	186	189	192	191	190	189
89	86	83	80	77	74	71	68	65	62	59	56	53	53	53	53
71	70	68	66	64	64	64	62	62	60	54	10	4	41	50	57
22	22	22	21	21	21	21	20	20	20	20	0	0	0	19	19
21	20	19	18	17	16	15	14	13	12	11	10	9	9	9	9
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
65	5658	5647	5714	5707	5639	5185	5154	5153	4524	4903	4870	4852	4823	4687	4631
70	4630	4460	3890	3970	4630	4630	4630	3420	3350	3050	2770	2560	2700	2560	2420
35	10288	10107	9604	9677	10269	9815	9784	8573	7874	7953	7640	7412	7523	7247	7051

Mill Ditch

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

& Jacobs or Julia Davis

STORAGE

18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
679	2701	2645	2498	2487	2145	2155	1814	1417	1458	1731	1805	1805	2006	77274
4	4	4	4	4	4	4	4	4	4	4	4	4	4	124
27	26	25	24	23	22	21	20	19	18	17	17	16	16	772
424	415	415	409	411	412	353	365	352	365	344	343	362	404	13125
118	120	121	118	122	89	76	70	70	76	75	82	94	93	4076
44	43	42	41	41	40	40	39	39	38	38	37	36	35	1405
22	21	21	21	20	19	18	17	16	15	14	13	14	15	708
29	29	28	28	28	28	27	27	27	27	26	26	26	26	886
182	179	177	175	173	171	74	168	90	82	84	102	102	138	5283
9	9	8	8	8	7	7	7	8	8	9	9	10	11	324
67	66	65	64	63	62	62	64	66	68	70	72	74	76	2180
21	21	21	21	20	20	20	20	19	19	19	19	18	18	644
208	201	196	191	141	119	128	174	167	172	174	148	165	172	6120
15	13	14	15	17	18	19	20	21	21	22	22	23	23	904
60	60	61	63	64	66	67	69	70	72	73	75	76	78	1914
47	47	47	47	47	47	47	47	47	47	47	47	47	47	1448
253	250	232	232	232	170	176	176	176	176	176	232	248	290	8178
21	20	24	24	24	32	32	32	32	32	32	32	32	20	842
60	54	60	60	60	60	60	60	52	52	52	52	52	52	2434
268	268	276	276	272	276	272	276	276	134	134	250	254	277	9397
14	14	14	14	14	15	15	15	15	16	16	16	16	17	612
2	2	2	2	2	2	2	2	3	3	3	3	3	3	107
189	192	191	190	189	188	187	186	185	184	184	183	183	182	5419
56	53	53	53	53	53	53	53	53	53	53	53	53	53	2006
10	4	41	50	57	56	58	58	59	59	60	60	61	61	1734
0	0	0	19	19	19	18	18	18	17	17	17	17	16	546
10	9	9	9	9	9	9	9	9	9	9	9	9	9	440
31	31	31	31	31	31	31	31	31	31	31	31	31	31	945
4870	4852	4823	4687	4631	4180	4031	3841	3341	3256	3514	3759	3831	4173	149847
2770	2560	2700	2560	2420	2100	1740	2560	2840	3730	3580	2840	3050	3280	93877
7640	7412	7523	7247	7051	6280	5771	6401	6131	6986	7094	6599	6881	7453	243724

n & Seven Suckers

STORAGE

18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
679	2701	2645	2498	2487	2145	2155	1814	1417	1458	1731	1805	1805	2006	77274
4	4	4	4	4	4	4	4	4	4	4	4	4	4	124
27	26	25	24	23	22	21	20	19	18	17	17	16	16	772
424	415	415	409	411	412	353	365	352	365	344	343	362	404	13125
118	120	121	118	122	89	76	70	70	76	75	82	94	93	4076
44	43	42	41	41	40	40	39	39	38	38	37	36	35	1405
22	21	21	21	20	19	18	17	16	15	14	13	14	15	708
29	29	28	28	28	28	27	27	27	27	26	26	26	26	886
182	179	177	175	173	171	74	168	90	82	84	102	102	138	5283
9	9	8	8	8	7	7	7	8	8	9	9	10	11	324
67	66	65	64	63	62	62	64	66	68	70	72	74	76	2180
21	21	21	21	20	20	20	20	19	19	19	19	18	18	644
208	201	196	191	141	119	128	174	167	172	174	148	165	172	6120
15	13	14	15	17	18	19	20	21	21	22	22	23	23	904
60	60	61	63	64	66	67	69	70	72	73	75	76	78	1914
47	47	47	47	47	47	47	47	47	47	47	47	47	47	1448
253	250	232	232	232	170	176	176	176	176	176	232	248	290	8178
21	20	24	24	24	32	32	32	32	32	32	32	32	20	842
60	54	60	60	60	60	60	60	52	52	52	52	52	52	2434
268	268	276	276	272	276	272	276	276	134	134	250	254	277	9397
14	14	14	14	14	15	15	15	15	16	16	16	16	17	612
2	2	2	2	2	2	2	2	3	3	3	3	3	3	107
189	192	191	190	189	188	187	186	185	184	184	183	183	182	5419
56	53	53	53	53	53	53	53	53	53	53	53	53	53	2006
10	4	41	50	57	56	58	58	59	59	60	60	61	61	1734
0	0	0	19	19	19	18	18	18	17	17	17	17	16	546
10	9	9	9	9	9	9	9	9	9	9	9	9	9	440
31	31	31	31	31	31	31	31	31	31	31	31	31	31	945
4870	4852	4823	4687	4631	4180	4031	3841	3341	3256	3514	3759	3831	4173	149847
2770	2560	2700	2560	2420	2100	1740	2560	2840	3730	3580	2840	3050	3280	93877
7640	7412	7523	7247	7051	6280	5771	6401	6181	6986	7094	6599	6881	7453	243724

n & Seven Suckers

No.	Name of Canal	1	2	3	4	5	6	7	8	9
1.	New York Canal (MC #2)	2170	2472	2578	2617	2684	2640	2623	2640	2617
2.	Penitentiary	5	5	5	5	5	5	5	5	5
3.	Eubb (South Boise)	15	15	14	14	13	13	12	13	15
4.	Ridenbaugh	366	435	435	470	442	436	429	459	439
5.	Settlers	122	148	160	160	144	147	145	134	133
6.	Thurman Mill	35	34	33	32	31	30	30	31	33
7.	Cruzen (Consumers)	15	16	16	17	17	18	18	19	20
8.	Boise City Canal	26	26	27	27	27	27	27	27	28
9.	Farmers' Union & B. V.	148	171	178	185	174	176	177	178	179
10.	New Union Ditch Co.	11	12	13	13	14	15	15	16	17
11.	New Dry Creek Ditch Co.	78	80	82	84	86	88	90	92	94
12.	Ballantine Ditch Co.	18	18	17	17	17	17	16	16	16
13.	x Middleton Canals	176	174	172	170	167	165	163	149	151
14.	Little Pioneer	24	24	25	25	26	26	27	28	29
15.	Canyon County	79	80	81	82	83	84	85	86	87
16.	x Eagle Island Canals	47	47	47	47	47	47	47	47	47
17.	Phyllis	280	302	298	306	276	276	260	256	250
18.	Eureka #1	32	32	32	32	32	32	30	32	30
19.	Caldwell High Line	52	52	52	76	68	68	68	68	68
20.	Farmers' Coop.	300	300	306	310	306	306	306	300	300
21.	Campbell	17	17	18	18	19	19	19	20	20
22.	Siebenberg	4	4	4	4	4	5	5	5	5
23.	Riverside #2	182	181	180	179	178	177	176	175	174
24.	Pioneer Dixie	52	52	52	52	52	52	52	52	52
25.	Eureka #2	62	62	62	63	63	63	64	64	65
26.	Upper Center Point	16	16	16	16	15	15	15	14	14
27.	Lower Center Point	9	9	9	9	9	9	9	9	9
28.	x Miscellaneous	31	31	31	31	31	31	31	31	31
	Total Canal Diversions	4372	4815	4943	5061	5030	4987	4944	4966	4928
29.	River at Notus	3120	3050	3120	3650	4050	4050	3890	3420	3420
	Totals	7492	7865	8063	8711	9080	9037	8834	8386	8348

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

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

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

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1945, INCLUDING STORAGE

JUNE															
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
623	2640	2617	2679	2640	2640	2634	2648	2617	2645	2679	2656	2662	2612	2780	2780
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	13	15	16	17	18	18	19	19	20	20	21	22	23	24	24
429	459	439	439	438	426	426	441	430	424	424	412	430	445	433	433
145	134	133	133	138	152	164	172	172	177	182	182	182	181	181	181
30	31	33	34	36	37	39	40	42	43	45	46	48	49	51	51
18	19	20	22	23	24	25	26	27	28	29	30	31	32	33	33
27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34
177	178	179	182	184	177	190	188	187	186	191	200	199	199	200	200
15	16	17	17	18	18	18	18	18	18	17	17	17	17	17	17
90	92	94	97	100	103	102	101	100	99	98	97	96	95	93	93
16	16	16	16	15	15	16	16	17	18	18	19	19	20	20	20
163	149	151	154	151	145	149	142	132	104	81	81	84	117	168	168
27	28	29	30	31	32	30	34	34	31	33	35	37	39	41	41
85	86	87	88	89	90	90	90	90	90	90	90	90	90	88	88
47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
260	256	250	250	250	250	250	250	260	292	310	310	310	326	326	326
30	32	30	30	30	30	30	30	30	30	30	30	30	30	30	30
68	68	68	68	56	52	52	52	70	70	70	70	70	70	70	70
306	300	300	300	280	274	300	350	310	310	310	320	320	350	364	364
19	20	20	20	21	21	21	20	18	17	16	16	15	15	15	15
5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6
176	175	174	173	172	171	171	171	171	171	172	172	173	174	176	176
52	52	52	52	52	52	52	53	54	55	55	56	56	57	57	57
64	64	65	65	66	66	67	69	70	71	72	73	74	75	76	76
15	14	14	13	13	13	12	12	12	12	12	13	13	13	13	13
9	9	9	9	9	9	9	10	11	12	14	16	18	20	21	21
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
944	4966	4928	5003	4947	4933	4984	5071	5011	5043	5089	5083	5118	5171	5400	5411
890	3420	3420	3650	4050	3500	3050	2840	2630	2040	1530	1320	1190	1420	1980	2630
834	8386	8348	8653	8997	8433	8034	7911	7641	7083	6619	6403	6308	6591	7380	8045

on Mill Ditch

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

18	19	20	21	22	23	24	25	26	27	28	29	30	Total
656	2662	2612	2780	2785	2785	2724	2763	2813	2768	2763	2785	2280	79399
5	5	5	5	6	6	6	6	6	6	6	6	6	199
21	22	23	24	24	23	23	22	22	21	20	19	18	553
412	430	445	433	439	442	445	461	469	433	472	438	480	13158
182	182	181	181	180	180	179	179	178	178	177	176	177	4913
46	48	49	51	52	51	50	49	48	47	46	45	45	1232
30	31	32	33	33	32	31	30	29	28	27	26	25	747
32	33	33	34	34	34	34	34	34	34	34	33	33	918
200	199	199	200	203	201	200	199	197	194	186	184	187	5600
17	17	17	17	17	16	16	15	15	15	14	14	14	472
97	96	95	93	93	91	90	88	86	84	82	82	83	2734
19	19	20	20	17	15	13	11	9	7	7	8	8	456
81	84	117	168	160	169	178	181	195	200	163	90	94	4425
35	37	39	41	36	34	30	28	29	0	0	26	28	852
90	90	90	88	86	84	82	81	80	79	66	53	41	2474
47	47	47	47	47	47	47	47	47	47	47	47	47	1410
310	310	326	326	344	360	360	360	360	362	346	346	354	9080
30	30	30	30	30	30	30	30	30	28	28	28	28	906
70	70	70	70	70	70	70	70	70	65	70	70	70	1967
320	320	350	364	360	360	360	344	360	360	340	350	0	9356
16	15	15	15	14	14	15	16	17	18	19	20	20	535
6	6	6	6	6	6	8	10	11	12	13	14	15	206
172	173	174	176	177	179	180	181	182	182	182	182	181	5295
56	56	57	57	58	58	56	54	52	51	50	49	48	1595
73	74	75	76	77	78	78	78	78	77	77	77	77	2109
13	13	13	13	13	13	14	14	15	16	17	18	19	427
16	18	20	21	23	25	23	21	18	15	12	9	6	391
31	31	31	31	31	31	31	31	31	31	31	31	31	930
083	5118	5171	5400	5415	5434	5373	5403	5481	5358	5295	5226	4415	152299
320	1190	1420	1980	2630	2910	3050	2630	2360	2300	1800	1000	552	80202
403	6308	6591	7380	8045	8344	8423	8033	7841	7658	7095	6226	4967	232501

No.	Name of Canal	1	2	3	4	5	6	7	8	9
1.	New York Canal (MC #2)	2290	2290	2185	2170	2165	2155	2150	2150	2135
2.	Penitentiary	7	7	7	7	8	8	8	8	9
3.	Bubb (South Boise)	17	16	15	15	15	15	15	15	15
4.	Ridenbaugh	486	488	491	493	488	20	478	474	466
5.	Settlers	176	178	176	177	174	172	170	173	172
6.	Thurman Mill	45	45	45	45	45	45	44	44	44
7.	Cruzen (Consumers)	24	23	21	23	25	27	29	31	33
8.	Boise City Canal	33	33	33	33	33	33	33	32	32
9.	Farmers' Union & B. V.	188	191	200	200	200	199	199	199	199
10.	New Union Ditch Co.	14	14	15	15	15	15	15	16	16
11.	New Dry Creek Ditch Co.	83	84	84	85	85	85	86	86	86
12.	Ballantine Ditch Co.	4	7	9	14	10	10	10	11	11
13.	x Middleton Canals	98	183	219	218	208	216	210	199	198
14.	Little Pioneer	27	29	28	29	32	35	38	41	44
15.	Canyon County	29	27	25	23	57	68	79	80	81
16.	x Eagle Island Canals	47	47	47	47	47	47	47	47	47
17.	Phyllis	354	354	360	360	380	380	380	380	380
18.	Eureka #1	28	28	30	30	30	30	30	30	30
19.	Caldwell High Line	70	50	40	40	50	60	60	62	60
20.	Farmers' Coop.	350	356	356	358	298	304	295	295	294
21.	Campbell	21	21	22	23	23	23	22	22	21
22.	Siebenberg	15	16	16	17	17	18	18	17	15
23.	Riverside #2	167	161	155	152	149	144	145	146	147
24.	Pioneer Dixie	46	44	42	40	38	37	38	39	40
25.	Eureka #2	78	78	79	79	80	80	74	68	65
26.	Upper Center Point	18	17	15	13	11	9	9	9	9
27.	Lower Center Point	6	6	6	6	6	0	0	8	8
28.	x Miscellaneous	31	31	31	31	31	31	31	31	31
	Total Canal Diversions	4752	4824	4752	4743	4720	4266	4713	4713	4688
29.	River at Notus	469	311	196	154	148	142	109	98	89
	Totals	5221	5135	4948	4897	4868	4408	4822	4811	4777

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

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

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

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1945, INCLUDING STORAGE

JULY

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
2150	2150	2135	2200	2200	2195	2205	2210	2225	2190	2165	2150	2150	2125	2075	2075
8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9
15	15	15	15	15	15	15	16	16	16	16	17	17	17	17	17
478	474	466	462	459	456	456	461	466	464	482	485	480	483	477	477
170	173	172	171	173	176	176	177	179	179	179	183	182	181	179	179
44	44	44	44	44	43	43	42	42	41	40	39	38	37	38	38
29	31	33	35	37	39	41	39	37	34	31	28	25	22	22	22
33	32	32	32	32	32	32	32	32	32	32	32	32	32	30	30
199	199	199	199	198	199	202	204	206	208	210	213	200	210	213	213
15	16	16	16	16	15	15	15	14	14	14	13	13	14	14	14
86	86	86	87	87	85	82	79	76	73	70	67	64	65	66	66
10	11	11	11	12	12	12	12	12	12	12	12	11	10	13	13
210	199	198	196	189	142	118	59	93	152	174	174	179	185	185	185
38	41	44	47	49	51	53	55	57	59	62	65	53	42	30	30
75	80	81	79	77	76	75	74	73	74	77	77	83	84	85	85
47	47	47	47	47	47	47	47	47	47	47	35	35	35	35	35
380	380	380	380	350	350	280	280	280	280	280	280	280	280	264	264
30	30	30	30	30	30	32	32	32	32	32	32	32	32	32	32
60	62	60	60	60	60	60	60	60	63	66	74	76	79	84	84
295	295	294	295	297	295	290	270	250	231	215	212	231	231	250	250
22	22	21	21	21	21	20	20	20	20	19	18	17	16	15	15
18	17	15	14	13	12	11	10	8	7	7	7	7	7	8	8
145	146	147	148	149	149	148	147	146	145	149	153	156	158	160	160
30	39	40	41	42	44	46	48	50	52	52	52	53	54	55	55
74	68	65	62	59	56	53	50	47	41	40	39	38	37	36	36
9	9	9	9	9	9	9	9	9	9	10	11	12	13	14	14
0	8	8	9	9	10	11	12	13	14	14	14	14	14	14	14
31	31	31	31	31	31	31	31	31	31	31	31	23	23	23	23
4713	4713	4688	4750	4714	4659	4572	4500	4530	4529	4535	4522	4510	4495	4443	436
109	98	89	68	64	59	46	48	46	50	49	49	48	48	45	4
4822	4811	4777	4818	4778	4718	4618	4548	4576	4579	4584	4571	4558	4543	4488	441

Mill Ditch

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

, & Jacobs or Julia Davis

Chart No. 5-C

19	20	21	22	23	24	25	26	27	28	29	30	31	Total
2150	2125	2075	2060	2050	2055	1992	2001	2021	2026	1992	1982	1834	65793
9	9	9	9	9	9	9	9	9	9	9	9	9	267
17	17	17	16	16	15	15	14	14	13	13	13	13	472
480	483	477	477	490	490	491	429	426	429	421	423	414	14005
182	181	179	160	158	133	130	126	125	124	122	121	122	5024
38	37	38	39	40	40	41	42	42	42	43	43	43	1308
25	22	22	22	22	22	22	22	22	22	22	21	20	843
32	32	30	28	26	24	22	20	18	17	17	18	18	885
200	210	213	191	194	59	180	205	181	180	178	177	175	5957
13	14	14	15	15	16	16	17	17	17	16	16	16	469
64	65	66	67	68	69	71	73	75	71	67	64	61	2351
11	10	13	15	17	8	7	7	6	6	6	6	7	312
179	185	185	156	185	189	175	174	154	157	160	153	158	5256
53	42	30	30	29	31	34	36	39	38	36	34	33	1266
83	84	85	81	74	71	68	68	65	63	60	56	52	2061
35	35	35	35	35	35	35	35	35	35	35	35	35	1289
280	280	264	264	255	251	251	251	251	248	249	239	239	9410
32	32	32	32	32	32	32	32	32	25	25	25	25	936
76	79	84	77	61	60	59	57	70	73	74	65	56	1946
231	231	250	263	251	251	267	231	231	260	265	265	264	8521
17	16	15	14	14	13	13	14	14	15	16	17	17	573
7	7	8	8	8	8	8	9	9	9	9	10	10	348
156	158	160	162	164	166	164	162	160	157	153	149	145	4756
53	54	55	56	57	58	55	57	49	46	44	42	40	1457
38	37	36	38	34	34	33	33	32	32	32	31	31	1569
12	13	14	15	17	19	17	15	13	11	10	9	7	366
14	14	14	14	14	14	14	13	13	13	12	12	12	325
23	23	23	23	23	23	23	23	23	23	23	23	23	857
4510	4495	4443	4367	4358	4195	4244	4175	4146	4161	4109	4058	3879	138622
48	48	45	46	48	48	97	91	77	61	78	73	66	3021
4558	4543	4488	4413	4406	4243	4341	4266	4223	4222	4187	4131	3945	141643

ven Suckers

No.	Name of Canal	1	2	3	4	5	6	7	8	9
1.	New York Canal (MC #2)	1819	1819	1791	1791	1791	1786	1786	1768	1731
2.	Penitentiary	8	8	8	8	8	7	7	7	7
3.	Bubb (South Boise)	13	13	13	13	12	12	12	12	12
4.	Ridenbaugh	414	408	401	404	412	418	423	429	429
5.	Settlers	121	120	124	125	131	137	133	132	133
6.	Thurman Mill	44	44	44	45	45	45	46	46	47
7.	Cruzen (Consumers)	19	18	18	18	19	19	19	20	20
8.	Boise City Canal	19	19	19	20	20	21	21	21	22
9.	Farmers' Union & B. V.	173	172	144	143	142	141	140	139	138
10.	New Union Ditch Co.	15	15	15	14	14	14	13	13	13
11.	New Dry Creek Ditch Co.	58	55	52	52	52	52	52	51	51
12.	Ballantine Ditch Co.	7	7	7		8	8	9	8	8
13.	x Middleton Canals	131	136	119	120	135	111	119	115	115
14.	Little Pioneer	32	31	30	29	31	32	30	30	29
15.	Canyon County	67	62	57	60	63	63	58	54	59
16.	x Eagle Island Canals	28	28	28	28	28	28	28	28	28
17.	Phyllis	239	230	231	231	232	227	227	227	227
18.	Eureka #1	25	20	20	20	20	20	20	20	20
19.	Caldwell High Line	73	60	0	40	41	41	70	75	85
20.	Farmers' Coop.	249	253	186	122	122	120	178	217	236
21.	Campbell	17	17	18	18	19	19	20	21	21
22.	Sieberterg	10	10	9	9	9	8	8	7	7
23.	Riverside #2	145	145	145	145	145	144	144	144	144
24.	Pioneer Dixie	40	40	40	40	40	40	40	40	40
25.	Eureka #2	33	36	39	43	43	42	42	42	42
26.	Upper Center Point	7	8	8	8	9	9	9	10	10
27.	Lower Center Point	11	11	11	11	11	11	11	11	11
28.	x Miscellaneous	19	19	19	19	19	19	19	19	19
	Total Canal Diversions	3836	3804	3596	3584	3621	3594	3684	3706	3704
29.	River at Notus	64	60	55	49	50	46	52	61	63
	Totals	3900	3864	3651	3633	3671	3640	3736	3767	3767

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

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

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

No.	Name of Canal	1	2	3	4	5	6	7	8	9
1.	New York Canal (MC #2)	1819	1819	1791	1791	1791	1786	1786	1768	1731
2.	Penitentiary	8	8	8	8	8	7	7	7	7
3.	Bubb (South Boise)	13	13	13	13	12	12	12	12	12
4.	Ridenbaugh	414	408	401	404	412	418	423	429	429
5.	Settlers	121	120	124	125	131	137	133	132	133
6.	Thurman Mill	44	44	44	45	45	45	46	46	47
7.	Cruzen (Consumers)	19	18	18	18	19	19	19	20	20
8.	Boise City Canal	19	19	19	20	20	21	21	21	22
9.	Farmers' Union & B. V.	173	172	144	143	142	141	140	139	138
10.	New Union Ditch Co.	15	15	15	14	14	14	13	13	13
11.	New Dry Creek Ditch Co.	58	55	52	52	52	52	52	51	51
12.	Ballantine Ditch Co.	7	7	7		6	8	9	8	8
13.	x Middleton Canals	131	136	119	120	135	111	119	115	115
14.	Little Pioneer	32	31	30	29	31	32	30	30	29
15.	Canyon County	67	62	57	60	63	63	58	54	59
16.	x Eagle Island Canals	28	28	28	28	28	28	28	28	28
17.	Phyllis	239	230	231	231	232	227	227	227	227
18.	Eureka #1	25	20	20	20	20	20	20	20	20
19.	Caldwell High Line	73	60	0	40	41	41	70	75	85
20.	Farmers' Coop.	249	253	186	122	122	120	178	217	236
21.	Campbell	17	17	18	18	19	19	20	21	21
22.	Sieberterg	10	10	9	9	9	8	8	7	7
23.	Riverside #2	145	145	145	145	145	144	144	144	144
24.	Pioneer Dixie	40	40	40	40	40	40	40	40	40
25.	Eureka #2	33	36	39	43	43	42	42	42	42
26.	Upper Center Point	7	8	8	8	9	9	9	10	10
27.	Lower Center Point	11	11	11	11	11	11	11	11	11
28.	x Miscellaneous	19	19	19	19	19	19	19	19	19
	Total Canal Diversions	3836	3804	3596	3584	3621	3594	3684	3706	3704
29.	River at Notus	64	60	55	49	50	46	52	61	63
	Totals	3900	3864	3651	3633	3671	3640	3736	3767	3767

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

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

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

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1945, INCLUDING STORAGE

AUGUST

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1786	1768	1731	1722	1717	1754	1763	1800	1834	1867	1858	1867	1858	1867	1862	1853
7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
423	429	429	429	430	433	435	438	439	439	441	438	438	439	436	435
133	132	133	131	114	112	111	113	114	114	113	112	111	113	112	114
46	46	47	48	49	46	44	41	39	36	34	31	28	25	22	20
19	20	20	20	21	21	21	21	21	20	20	20	20	19	19	19
21	21	22	22	22	23	23	23	24	24	24	25	25	25	26	26
140	139	138	135	144	129	131	132	133	134	135	137	138	140	127	128
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
52	51	51	51	51	50	49	48	47	46	45	44	43	42	41	40
9	8	8	8	7	7	7	7	7	6	6	6	6	6	5	5
119	115	115	123	129	121	108	109	110	111	111	118	104	107	106	108
30	30	29	29	29	28	28	28	27	27	27	26	23	23	22	22
58	54	59	54	56	55	55	52	51	50	47	53	51	52	54	52
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
227	227	227	227	227	222	222	222	222	222	222	222	232	232	232	224
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
70	75	85	75	76	77	78	70	69	68	59	51	55	52	57	42
178	217	236	240	240	230	230	230	200	200	184	172	176	172	174	176
20	21	21	20	19	18	17	16	15	14	14	0	13	12	11	10
8	7	7	7	7	7	8	8	8	8	8	9	9	9	9	9
144	144	144	142	142	141	141	139	139	138	136	135	134	132	131	130
40	40	40	41	41	42	42	43	43	44	45	46	47	48	49	50
42	42	42	43	43	44	44	45	45	46	46	47	47	48	48	49
9	10	10	10	9	9	8	8	7	7	6	6	5	5	4	4
11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
384	3706	3704	3687	3681	3677	3673	3701	3702	3729	3689	3673	3671	3676	3655	3624
52	61	63	60	53	53	57	57	50	42	42	41	41	42	45	43
36	3767	3767	3747	3734	3730	3730	3758	3752	3771	3731	3714	3712	3718	3700	3667

Mill Ditch

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

Jacobs or Julia Davis

19	20	21	22	23	24	25	26	27	28	29	30	31	Total
1858	1867	1862	1853	1829	1805	1602	1579	1562	1495	1507	1511	1334	53928
6	6	6	6	5	5	5	5	5	5	5	5	5	192
12	12	12	12	12	12	12	12	12	12	12	12	12	376
438	439	436	435	426	421	356	369	365	364	361	359	366	12795
111	113	112	114	115	113	112	112	113	111	111	111	110	3648
28	25	22	20	19	18	17	16	15	14	14	13	13	1008
20	19	19	19	19	19	19	19	19	19	19	19	19	603
25	25	26	26	26	26	26	26	26	26	26	26	26	728
138	140	127	128	128	127	125	124	124	124	123	121	120	4191
13	13	13	13	13	13	13	12	12	12	12	11	11	404
43	42	41	40	39	38	38	36	36	35	34	33	33	1394
6	6	5	5	5	5	5	4	4	4	4	4	3	191
104	107	106	108	102	107	85	82	115	104	91	87	88	3427
23	23	22	22	21	21	21	20	19	19	19	18	18	789
51	52	54	52	57	52	44	47	51	49	47	50	52	1674
28	28	28	28	28	28	28	28	28	28	28	28	28	868
232	232	232	224	224	224	224	224	224	224	224	224	224	7015
20	20	20	20	20	20	20	20	20	20	20	20	20	625
55	52	57	42	50	36	35	39	43	40	37	38	38	1670
176	172	174	176	174	172	156	154	136	150	145	135	130	5659
13	12	11	10	9	8	8	9	9	9	9	10	10	430
9	9	9	9	9	10	10	10	10	10	10	9	9	270
134	132	131	130	127	126	129	131	134	135	137	138	140	4278
47	48	49	50	52	53	50	47	44	42	40	38	36	1343
47	48	48	49	49	50	46	42	38	34	30	26	22	1294
5	5	4	4	3	2	16	16	16	16	16	16	16	283
10	10	10	10	10	10	10	11	11	12	12	13	13	332
19	19	19	19	19	19	19	19	19	19	19	19	19	589
3671	3676	3655	3624	3590	3540	3231	3213	3210	3132	3112	3094	2915	110004
41	42	45	43	36	38	38	36	37	35	36	36	37	1455
3712	3718	3700	3667	3626	3578	3269	3249	3247	3167	3148	3130	2952	111459

BY DAYS

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1.	New York Canal (MC #2)	1327	1308	1283	1342	1338	1334	1327	1260	1257	1212
2.	Penitentiary	5	5	5	5	5	4	4	4	4	4
3.	Eub (South Boise)	12	12	12	12	13	13	13	14	14	15
4.	Ridenbaugh	366	366	362	364	365	368	369	371	372	379
5.	Settlers	109	108	107	106	105	94	96	95	93	93
6.	Thurman Mill	12	12	11	11	12	12	13	33	37	41
7.	Cruzen (Consumers)	18	18	18	18	18	18	18	18	17	17
8.	Boise City Canal	25	25	25	25	25	25	25	25	25	25
9.	Farmers' Union & P. V.	119	117	115	115	115	115	120	122	124	127
10.	New Union Ditch Co.	11	11	11	11	11	10	10	10	10	10
11.	New Dry Creek Ditch Co.	32	32	32	34	36	38	40	42	43	44
12.	Ballantine Ditch Co.	3	3	3	4	5	6	7	8	9	10
13.	x Middleton Canals	80	86	84	68	89	86	88	87	91	87
14.	Little Pioneer	18	18	18	32	47	63	66	25	22	22
15.	Canyon County	40	42	44	38	33	44	43	56	47	53
16.	x Eagle Island Canals	28	28	28	28	28	28	28	28	28	28
17.	Phyllis	0	0	0	0	0	0	0	80	242	242
18.	Eureka #1	20	20	20	20	20	20	20	20	20	20
19.	Caldwell High Line	71	61	51	41	31	34	37	67	40	57
20.	Farmers' Coop.	126	160	148	130	102	98	108	133	108	134
21.	Campbell	11	11	12	12	13	13	14	15	15	16
22.	Siebenberg	9	9	9	8	8	8	8	8	8	8
23.	Riverside #2	145	150	154	159	164	167	171	175	171	167
24.	Pioneer Dixie	36	36	37	37	37	38	38	36	38	38
25.	Eureka #2	22	23	23	23	24	24	24	24	24	24
26.	Upper Center Point	16	15	15	15	15	14	14	14	13	13
27.	Lower Center Point	10	10	10	10	10	10	10	10	10	10
28.	x Miscellaneous	19	19	19	19	19	19	19	19	19	19
	Total Canal Diversions	2690	2705	2656	2687	2688	2703	2730	2801	2901	2911
29.	River at Notus	38	41	41	39	35	36	35	36	35	38
	Totals	2728	2746	2697	2726	2723	2739	2765	2837	2936	2949

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

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

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

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1945, INCLUDING STORAGE

SEPTEMBER

	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
27	1260	1257	1212	1166	1176	1213	1238	0	0	0	0	0	0	0	0
4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0
13	14	14	15	16	17	18	18	18	18	18	18	18	18	19	19
69	371	372	375	378	385	383	372	372	0	0	0	0	0	0	0
96	95	93	93	94	95	95	93	93	94	94	94	94	94	94	94
13	33	37	41	45	43	40	38	37	39	36	35	35	33	33	33
18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17
25	25	25	25	24	24	24	24	24	24	24	24	24	23	23	23
20	122	124	127	127	129	129	129	129	129	129	129	129	129	129	129
10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9
40	42	43	44	44	43	43	42	42	41	41	40	40	39	39	39
7	8	9	10	10	10	10	10	10	10	10	10	10	9	9	9
88	87	91	87	87	86	82	91	89	91	79	63	61	63	42	42
66	25	22	22	21	21	20	20	19	19	18	17	16	14	15	15
43	56	47	53	48	43	37	36	35	48	37	44	46	45	54	54
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
0	80	242	242	242	228	228	228	228	228	228	228	228	228	228	228
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
37	67	40	57	57	56	56	55	54	61	35	51	52	51	76	76
08	133	108	134	132	150	136	132	130	140	156	143	143	156	140	140
14	15	15	16	16	16	15	14	13	12	11	10	10	9	9	9
8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7
71	175	171	167	164	160	156	153	150	147	144	144	142	140	138	138
38	38	38	38	37	37	37	37	37	37	37	36	36	36	36	36
24	24	24	24	22	22	22	22	22	20	20	20	20	20	19	19
14	14	13	13	13	13	13	13	12	12	12	12	12	12	12	12
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
30	2801	2901	2911	2859	2870	2873	2881	1625	1281	1240	1228	1225	1230	1225	1225
35	36	35	38	37	40	45	44	44	46	48	46	45	69	122	122
65	2837	2936	2949	2896	2910	2918	2925	1669	1327	1288	1274	1270	1299	1347	1347

all Ditch

Callin & Mace, Hart & Davis, Graham & Gilbert, Warm Springs Sloughm Joplin & Seven Suckers
Jacobs or Julia Davis

19	20	21	22	23	24	25	26	27	28	29	30	Total
0	0	0	0	0	1068	1006	1072	1097	1068	997	917	25006
0	0	0	0	0	4	4	4	4	3	3	3	86
18	19	19	17	17	16	16	16	15	15	15	15	469
0	0	0	0	0	380	380	433	436	433	433	433	8496
94	94	94	94	94	94	94	94	94	94	94	94	2886
35	33	33	34	32	32	15	14	12	12	12	12	783
17	17	17	17	17	17	17	17	17	17	17	17	518
23	23	23	22	22	22	20	20	20	20	20	20	697
129	129	129	129	129	129	129	39	68	68	68	68	3433
9	9	9	9	9	8	8	8	8	8	8	8	285
40	39	39	38	38	37	37	36	36	35	34	34	1152
10	9	9	9	9	9	9	9	0	0	0	0	211
61	63	42	41	41	42	46	44	35	35	35	34	2032
16	14	15	16	14	12	10	10	9	8	7	7	624
46	45	54	53	51	44	48	45	40	40	52	40	1326
28	28	28	28	28	28	28	28	28	28	28	28	840
228	228	228	192	192	208	0	0	0	172	136	116	4102
20	20	20	20	20	12	12	12	12	12	12	12	544
52	51	76	75	70	61	71	61	38	39	62	59	1630
143	156	140	140	140	140	140	140	134	134	133	133	4039
10	9	9	8	8	8	8	8	8	8	8	8	339
7	7	7	7	7	7	7	7	7	7	7	7	228
142	140	138	136	134	134	135	135	136	136	136	136	4479
36	36	36	36	36	36	35	35	34	34	34	34	1090
20	20	19	19	19	18	18	18	18	18	18	18	628
12	12	12	12	11	11	11	11	11	10	10	10	377
10	10	10	10	10	10	10	10	10	10	10	10	300
19	19	19	19	19	19	19	19	19	19	19	19	570
1225	1230	1225	1181	1167	2606	2333	2345	2346	2483	2408	2292	67170
45	69	122	240	242	226	211	245	341	295	302	372	3434
1270	1299	1347	1421	1409	2832	2544	2590	2687	2778	2710	2664	70604

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1945

NO.	NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPTE
1.	Board of Control (MC #2)	78938	154548	158798	131586	107856	500
2.	Penitentiary	0	248	318	534	384	1
3.	Eubb (South Boise)	32	1544	1106	944	752	9
4.	Hidenbaugh	6784	26250	26316	28010	25590	1699
5.	Settlers	912	8152	9826	10048	7296	577
6.	Thurman Mill	298	2810	2464	2616	2016	156
7.	Consumers (Cruzen)	240	1416	1494	1686	1206	103
8.	Boise City	240	1772	1836	1770	1456	1394
9.	Farmers Union	678	7014	7945	8209	6222	5042
10.	Boise Valley	480	3552	3255	3705	2160	1824
11.	New Union Ditch Co.	108	648	944	938	808	570
12.	New Dry Creek Ditch Co.	472	4360	5468	4702	2788	2304
13.	Ballantine Ditch	78	1288	912	624	382	422
14.	Middleton Canals	1664	12240	8850	10512	6854	4064
15.	Little Pioneer Ditch Co.	332	1808	1704	2532	1578	1248
16.	Canyon County Water Co.	1002	3828	4948	4122	3348	2652
17.	7 Eagle Island Canals	350	2896	2820	2578	1736	1680
18.	Phyllis	9102	16356	18160	18820	14030	8204
19.	Eureka No. 1	328	1684	1812	1872	1250	1088
20.	Caldwell High Line	1436	4868	3934	3892	3340	3260
21.	Farmers Coop.	3720	18794	18712	17042	11318	8078
22.	Campbell (Canyon)	186	1224	1070	1146	860	678
23.	Siebertberg	32	214	412	696	540	456
24.	Riverside No. 2	304	10838	10590	9512	8556	8958
25.	Pioneer Dixie	96	4012	3190	2914	2686	2180
26.	Eureka No. 2	150	3468	4218	3138	2588	1256
27.	Upper Center Point	92	1092	854	732	566	754
28.	Lower Center Point	208	880	782	650	664	600
29.	Miscellaneous	144	1890	1860	1714	1178	1140
	Total	108406	299694	304598	277244	220008	134340

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1945

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTALS
(MC #2)	78938	154548	158798	131586	107856	50012	681738
	0	248	318	534	384	172	1656
	32	1544	1106	944	752	938	5316
	6784	26250	26316	28010	25590	16992	129942
	912	8152	9826	10048	7296	5772	42006
	298	2810	2464	2616	2016	1566	11770
	240	1416	1494	1686	1206	1036	7078
	240	1772	1836	1770	1456	1394	8468
	678	7014	7945	8209	6222	5042	35110
	480	3552	3255	3705	2160	1824	14976
Co.	108	648	944	938	808	570	4016
Ditch Co.	472	4360	5468	4702	2788	2304	20094
	78	1288	912	624	382	422	3706
	1664	12240	8850	10512	6854	4064	44184
Ditch Co.	332	1808	1704	2532	1578	1248	9202
ater Co.	1002	3828	4948	4122	3348	2652	19900
Canals	350	2896	2820	2578	1736	1680	12060
	9102	16356	18160	18820	14030	8204	84672
	328	1684	1812	1872	1250	1088	8034
ine	1436	4868	3934	3892	3340	3260	20730
	3720	18794	18712	17042	11318	8078	77664
	186	1224	1070	1146	860	678	5164
	32	214	412	696	540	456	2350
	304	10838	10590	9512	8556	8958	48758
	96	4012	3190	2914	2686	2180	15078
	150	3468	4218	3138	2588	1256	14818
int	92	1092	854	732	566	754	4090
int	208	880	782	650	664	600	3784
	144	1890	1860	1714	1178	1140	7926
	108406	299694	304598	277244	220008	134340	1344290

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

Total Summer Diversions

April 1 to September 30	978,838	1,217,572	1,058,228	1,279,916	1,176,828	1,254,640	1,361,022	1,305,9
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New York Canal Diversions

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

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

From November 1 to April 1		170,196	165,570	121,418	137,420	119,294	134,78
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Total

	1,360,880	1,636,966	1,438,352	1,594,866	1,715,386	1,640,62
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Summer Return Flow

	194,850	353,506	314,462	371,632	279,366	232,512	362,928	294,100
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Natural Flow Used

	1,046,418	1,265,334	1,208,986	1,362,354	1,352,458	1,346,522
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Combined with Board of Control

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

APRIL 1ST TO SEPTEMBER 30TH - BEGINNING 1915

1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
563,608	553,022	643,878	201,622	611,376	375,000	642,778	576,716	574,030	520,146	35
69,512	67,838	71,808	35,298	60,074	29,836	60,788	51,718	41,366	35,978	2
3,032	2,940	3,100	772	2,122	1,734	1,954	2,144	1,650	1,492	
3,892	3,212	4,048	2,818	3,202	2,834	3,348	3,712	3,688	3,558	
128,616	120,472	135,908	87,636	135,696	108,210	132,334	132,446	120,884	129,062	10
48,384	44,966	47,634	31,326	52,862	35,728	47,830	43,340	41,540	35,554	29
7,630	6,686	9,316	7,244	8,976	8,770	7,972	9,516	9,784	8,748	8
23,530	23,024	19,344	12,560	12,646	10,190	8,816	8,350	6,808	8,584	8
1,896	2,032	1,530	8,498	9,582	8,774	9,036	7,300	8,960	8,938	8
41,360	38,982	44,270	24,426	46,786	22,898	44,984	37,562	33,376	35,482	23
4,880	4,880	5,368	3,280	4,000	4,434	3,388	4,240	3,100	3,880	3
14,142	15,416	17,142	14,178	12,720	14,840	16,410	16,778	15,536	16,998	15
3,392	3,272	3,934	3,592	3,854	3,038	4,292	3,760	3,960	3,558	3
16,000	16,712	16,922	12,224	18,454	14,276	18,322	17,816	15,970	17,140	11
2,460	3,900	4,226	3,028	2,580	3,526	3,660	3,574	3,282	3,338	2
28,232	31,016	29,582	26,108	34,652	23,934	29,816	27,358	21,624	25,942	23
15,078	24,190	26,702	13,896	28,028	14,266	19,028	19,768	18,036	17,178	13
5,822	6,632	7,880	6,410	9,418	7,626	7,442	8,988	8,738	8,584	7
21,414	23,218	22,786	18,912	19,712	18,952	19,672	18,982	18,118	18,958	17
13,308	12,212	13,794	11,850	13,756	11,530	13,288	12,134	11,448	12,274	11
115,540	115,740	125,282	61,300	125,588	70,342	115,370	113,842	95,844	109,070	65
5,166	6,390	5,698	6,600	5,952	6,344	6,434	6,474	5,714	6,800	6
18,678	17,660	15,368	16,296	14,584	18,938	11,944	14,332	17,556	17,530	18
93,052	38,650	89,224	39,540	89,020	52,192	91,726	79,274	69,000	84,294	49
4,974	3,924	5,248	3,556	4,478	3,384	4,658	5,322	3,838	4,526	3
3,508	3,090	3,596	2,106	3,106	2,796	2,604	2,854	2,580	3,030	2
67,906	41,180	54,620	30,752	47,454	40,604	63,404	51,036	41,220	46,956	32
7,218	4,904	9,440	7,996	8,710	7,620	8,140	11,442	8,622	9,296	8
15,280	15,412	16,402	12,642	11,776	12,052	11,978	12,326	10,110	11,982	10
2,850	3,472	3,538	3,196	2,468	2,308	1,802	2,756	2,526	2,952	2
2,052	1,784	2,848	3,042	2,538	2,634	2,238	2,120	3,018	2,622	3
8,610	8,118	9,148	7,080	8,770	7,680	8,996	8,082	7,582	8,206	7
361,022	1,305,946	1,469,530	719,824	1,414,940	947,230	1,424,452	1,316,162	1,229,658	1,223,286	885,750
211,000	164,000	173,000	190,000	201,000	180,000	182,000	160,270	157,526	175,266	141,956
24,070	35,892	29,432	37,796	31,292	37,700	28,750	36,020	41,240	31,840	25,150
119,294	134,784	96,796	100,414	103,652	107,282	150,930	234,482	45,018	59,500	50,794
715,386	1,640,622	1,768,758	1,048,034	1,750,884	1,272,212	1,786,132	1,746,934	1,473,442	1,489,892	1,103,650
362,928	294,100	344,890	165,164	290,248	171,692	304,290	299,728	227,474	235,746	171,736
352,458	1,346,522	1,423,868	822,870	1,460,636	1,100,520	1,481,842	1,447,206	1,245,968	1,254,146	931,914

Chart No. 7

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
6	574,030	520,146	355,518	735,592	638,504	388,154	646,960	611,988	541,832	723,112
18	41,366	35,978	24,658							
44	1,650	1,492	1,474	1,680	1,466	1,672	2,358	1,998	2,164	2,132
12	3,688	3,558	2,926	5,184	4,266	4,030	4,136	4,142	3,978	4,722
46	120,884	129,062	102,584	144,474	141,694	126,502	134,870	148,178	117,806	159,302
40	41,540	35,554	29,674	46,690	45,061	34,142	42,992	43,732	36,478	48,134
16	9,784	8,748	8,720	8,264	8,434	10,700	10,450	8,802	9,442	10,624
50	6,808	8,584	8,322	8,236	6,562	8,000	6,424	7,344	7,048	6,876
00	8,960	8,938	8,484	9,638	10,388	10,524	9,496	8,470	8,758	9,746
62	33,376	35,482	23,854	31,744	32,136	28,848	29,988	29,716	28,022	35,240
40	3,100	3,880	3,298	3,354	3,374	3,950	3,400	3,406	3,362	3,468
78	15,536	16,998	15,608	15,252	15,654	16,468	15,254	16,034	16,038	17,586
0	3,960	3,558	3,706	3,328	3,508	4,112	4,178	4,374	4,442	4,322
16	15,970	17,140	11,870	15,524	17,648	3,764	17,350	16,110	13,638	17,830
4	3,282	3,338	2,918	4,354	3,432	13,796	3,532	3,386	3,288	3,514
58	21,624	25,942	23,214	23,096	20,018	23,312	20,772	22,764	26,276	31,226
88	18,036	17,178	13,390	20,590	22,844	16,528	21,020	22,260	15,006	17,584
88	8,738	8,584	7,608	7,990	9,194	8,762	8,974	8,424	8,802	9,762
82	18,118	18,958	17,144	19,132	19,872	20,470	20,528	17,896	18,180	18,814
34	11,448	12,274	11,030	11,714	11,446	11,162	11,382	14,348	10,998	12,632
42	95,844	109,970	65,170	111,016	110,312	85,148	97,746	100,138	83,308	112,026
74	5,714	6,800	6,090	6,462	6,370	7,624	8,174	7,662	7,318	7,262
32	17,556	17,530	18,938	18,562	13,004	20,360	21,714	18,320	19,698	17,206
74	69,000	84,294	49,120	85,240	78,830	60,256	76,344	73,100	70,164	93,592
22	3,838	4,526	3,956	4,100	4,886	3,584	4,318	4,528	4,284	5,750
54	2,580	3,030	2,510	2,422	3,448	2,482	3,244	2,574	2,658	2,662
36	41,220	46,956	32,014	50,662	41,020	49,060	44,988	52,910	44,172	66,196
42	8,622	9,296	8,540	7,556	7,938	10,196	7,942	8,848	8,072	10,414
26	10,110	11,982	10,130	10,210	11,440	12,650	12,588	101,158	10,864	13,586
56	2,526	2,952	2,668	2,970	2,656	2,288	3,024	2,584	2,688	2,452
20	3,018	2,622	3,102	2,772	2,812	3,962	3,010	1,630	2,552	2,436
82	7,582	8,206	7,532	7,492	7,606	7,554	7,558	9,534	7,378	8,388
162	1,229,658	1,223,286	885,750	1,425,210	1,305,778	1,000,060	1,304,704	1,285,358	1,138,714	1,477,596
70	157,526	175,266	141,956	157,422	125,778	166,838	169,168	170,570	153,418	176,440
20	41,240	31,840	25,150	26,830	40,838	37,678	33,142	80,292	26,588	34,398
82	45,018	59,500	50,794	68,384	69,956	55,018	51,396	19,088	20,768	85,150
84	1,473,442	1,489,892	1,103,650	1,677,846	1,542,350	1,259,594	1,558,410	1,505,308	1,339,488	1,773,584
88	227,474	235,746	171,736	343,116	273,076	198,518	240,752	265,286	217,436	373,294
06	1,245,968	1,254,146	931,914	1,334,730	1,269,274	1,061,076	1,317,658	1,240,022	1,122,052	1,400,290

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

Combined with Board of Control

Chart #7 A

	1939	1940	1941	1942	1943	1944	1945
374	567,126	600,416	660,248	767,530	616,514	681,738	
006	1,746	1,582	1,570	2,062	1,764	1,656	
278	3,918	4,740	4,154	4,874	4,338	5,316	
684	148,658	160,804	144,804	161,430	126,146	129,942	
292	40,520	46,556	43,064	50,082	40,062	42,006	
532	9,632	9,410	11,612	9,098	9,670	11,770	
326	6,826	5,658	6,630	6,854	5,888	7,078	
444	9,114	10,086	9,296	9,966	8,940	8,468	
645	26,168	35,618	35,736	38,180	29,700	32,990	
498	3,468	3,560	2,282	2,174	2,022	2,120	
631	16,274	17,494	16,676	15,802	13,598	14,976	
036	3,904	4,582	3,524	3,896	3,836	4,016	
252	14,502	17,978	17,752	18,080	17,572	20,094	
698	3,562	3,250	3,316	3,962	3,610	3,706	
888	33,620	34,504	30,278	38,602	39,530	29,456	
042	15,640	14,564	13,858	16,760	11,124	14,728	
118	7,044	7,920	7,108	7,994	7,250	9,202	
60	17,878	20,308	18,486	19,968	18,708	19,900	
98	10,256	12,326	12,720	11,394	12,450	12,060	
38	92,608	104,914	93,564	117,060	85,268	84,672	
06	7,576	9,340	8,402	8,348	7,962	8,034	
66	20,974	20,100	17,852	17,618	20,424	20,730	
18	69,200	78,736	80,164	98,038	70,786	77,664	
64	3,824	4,272	5,040	5,510	4,422	5,164	
60	2,862	2,774	2,102	2,298	2,488	2,350	
44	47,128	60,012	52,152	54,118	41,684	48,758	
48	12,184	11,994	13,566	12,706	15,336	15,078	
56	15,416	14,750	12,896	16,294	11,830	14,818	
72	3,538	3,764	3,588	3,782	4,126	4,090	
4	4,596	4,890	4,196	3,344	4,912	3,784	
60	6,856	8,324	8,284	7,800	7,036	7,926	
8	1,226,618	1,335,226	1,344,640	1,535,654	1,248,996	1,344,290	
4	172,234	175,014	151,154	152,266	145,568	151,102	
rsion	19,562	22,856	28,638	25,370	25,074	14,858	
0	35,898	29,972	39,348	437,346	32,026	29,302	
6	1,454,312	1,563,068	1,563,780	2,150,636	1,451,664	1,539,552	
8	263,936	334,394	281,650	275,866	248,672	264,190	
0	1,190,476	1,228,674	1,282,130	1,874,770	1,202,992	1,275,362	

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10	11
1.	Drainage District #3	9	9	9	9	9	9	9	9	9	9	9
2.	Davis Drain	5	5	5	5	5	5	5	5	5	5	5
3.	Thurman Drain	9	9	9	9	9	9	9	9	9	10	10
4.	Boise Sewer	8	8	8	8	8	8	8	8	8	8	8
5.	Eagle Drain	20	20	20	20	20	20	20	20	20	20	20
6.	South Middleton Drain	36	36	37	38	39	41	43	44	46	42	39
7.	North Middleton Drain	12	12	12	12	12	12	12	12	12	12	11
8.	Hartley Drain	7	7	7	7	7	8	8	8	8	8	8
9.	Phyllis Waste	3	3	3	3	3	3	3	3	3	3	3
10.	Mason Creek	10	10	10	10	10	10	10	10	10	10	10
11.	Mason Drain	20	20	20	22	22	23	23	24	24	24	24
12.	Indian Creek	45	45	45	47	49	49	50	50	51	51	52
	Total	184	184	185	190	193	197	200	202	205	201	199

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10	11	12
1.	Drainage District #3	11	11	12	12	12	12	12	12	13	13	13	13
2.	Davis Drain	7	7	7	7	7	7	7	7	7	7	7	7
3.	Thurman Drain	12	12	12	12	12	12	12	12	12	12	13	13
4.	Boise Sewer	9	9	9	9	9	9	9	9	9	9	9	9
5.	Eagle Drain	29	30	31	32	33	34	34	35	35	36	36	37
6.	South Middleton Drain	46	47	47	47	47	52	57	61	66	72	77	83
7.	North Middleton Drain	11	11	11	11	11	11	11	11	11	11	11	12
8.	Hartley Drain	10	11	12	13	14	15	16	17	18	19	20	20
9.	Phyllis Waste	5	5	5	5	5	5	5	5	5	5	5	5
10.	Mason Creek	12	12	12	12	12	12	13	13	15	17	19	20
11.	Mason Drain	27	27	27	27	27	29	30	33	34	36	38	40
12.	Indian Creek	61	61	60	62	62	63	65	69	71	74	79	85
	Total	240	243	245	249	251	261	271	284	296	311	327	344

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1945

APRIL

10	11	12	13	14	15	16	17	18	19	20	21	22	23	
9	9	9	9	9	9	9	9	9	10	10	10	10	10	
5	5	5	5	5	5	6	6	6	6	6	6	6	6	
9	10	10	10	10	10	10	10	10	10	11	11	11	11	
8	8	8	8	8	8	8	8	8	8	8	8	8	8	
20	20	20	20	20	22	23	25	23	24	27	26	24	22	
42	39	38	40	41	40	42	41	43	40	40	39	42	43	
12	11	11	11	10	10	10	10	10	10	10	11	11	11	
8	8	8	8	8	8	8	8	8	8	8	9	9	9	
3	3	3	3	3	3	4	4	4	4	4	4	4	4	
10	10	10	12	12	12	12	12	11	11	11	11	11	11	
24	24	24	24	25	25	25	25	25	24	24	26	26	26	
51	52	52	52	53	51	53	54	55	57	54	54	56	56	
201	199	198	202	204	203	210	212	212	212	213	215	218	217	218

MAY

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
13	13	13	13	13	13	13	14	14	14	14	14	14	15	15
7	7	7	7	7	7	6	6	6	6	6	6	6	6	6
12	13	13	13	13	13	13	13	13	13	13	14	14	14	14
9	9	9	9	9	9	10	10	10	10	10	10	10	10	10
36	36	37	37	38	38	39	39	40	41	42	43	44	45	45
72	77	83	88	94	99	105	109	112	119	126	132	138	144	140
11	11	12	12	12	13	15	16	19	20	22	23	25	27	28
19	20	20	21	21	22	22	23	23	24	24	24	24	24	24
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	19	20	23	24	25	27	29	30	31	31	31	31	31	31
36	38	40	41	45	56	69	93	117	155	144	130	115	107	101
74	79	85	92	100	109	119	130	137	144	146	140	138	136	135
311	327	344	361	381	409	443	487	526	582	583	572	564	564	554

CHART NO. 8

R

19	20	21	22	23	24	25	26	27	28	29	30	Total
10	10	10	10	10	10	11	11	11	11	11	11	288
6	6	6	6	6	6	6	6	6	6	6	6	165
10	11	11	11	11	11	11	11	11	11	11	11	301
8	8	8	8	8	8	8	8	8	8	8	8	240
24	27	26	24	22	21	26	24	25	27	28	29	676
40	40	39	42	43	45	45	46	46	44	44	46	1246
10	10	11	11	11	11	11	11	11	11	11	11	333
8	8	9	9	9	9	9	9	9	9	9	9	245
4	4	4	4	4	4	4	4	4	4	4	4	105
11	11	11	11	11	11	11	11	12	12	12	12	327
24	24	26	26	26	25	25	25	26	26	26	27	725
57	54	54	56	56	57	58	59	60	59	61	61	1596
212	213	215	218	217	218	225	225	229	228	231	235	6247

19	20	21	22	23	24	25	26	27	28	29	30	31	Total
14	14	14	14	15	15	15	15	15	15	15	15	15	417
6	6	6	6	6	6	6	6	6	6	6	6	6	201
13	13	14	14	14	14	14	15	15	15	15	15	15	410
10	10	10	10	10	10	10	10	10	10	10	10	10	295
41	42	43	44	45	45	46	46	47	47	48	48	49	1224
119	126	132	138	144	140	138	136	132	130	126	124	120	3014
20	22	23	25	27	28	29	29	30	30	30	30	31	574
24	24	24	24	24	24	24	23	23	23	23	23	23	623
5	5	5	5	5	5	5	5	5	5	5	5	5	155
31	31	31	31	31	31	30	30	30	30	32	32	32	729
155	144	130	115	107	101	93	90	83	70	71	69	74	2098
144	146	140	138	136	135	141	137	135	136	138	139	140	3304
582	583	572	564	564	554	551	542	531	517	519	516	520	13044

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10	11
1.	Drainage District #3	16	16	16	16	16	16	16	16	16	16	16
2.	Davis Drain	9	9	9	9	9	10	10	10	10	10	10
3.	Thurman Drain	16	16	16	16	16	17	17	17	17	17	17
4.	Boise Sewer	11	11	11	11	11	11	11	11	11	11	11
5.	Eagle Drain	49	50	50	51	51	52	52	53	53	53	54
6.	South Middleton Drain	119	116	112	110	107	105	102	100	96	93	90
7.	North Middleton Drain	31	32	32	33	33	34	35	37	37	37	39
8.	Hartley Drain	22	22	22	22	22	22	22	21	21	21	21
9.	Phyllis Waste	5	5	5	5	5	4	4	4	4	4	4
10.	Mason Creek	32	34	34	34	36	36	35	35	35	35	35
11.	Mason Drain	75	79	83	81	87	89	84	88	80	93	90
12.	Indian Creek	139	137	138	136	139	141	143	144	145	142	146
	Total	524	527	528	524	532	537	531	536	525	532	533

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10	11
1.	Drainage District #3	16	16	16	16	16	17	17	17	17	17	15
2.	Davis Drain	10	10	10	9	9	9	9	9	9	9	9
3.	Thurman Drain	21	21	21	21	21	22	22	22	22	22	23
4.	Boise Sewer	10	10	10	10	10	10	10	10	10	10	10
5.	Eagle Drain	62	61	61	60	59	58	57	56	55	54	53
6.	South Middleton Drain	67	63	56	50	48	46	44	41	40	39	39
7.	North Middleton Drain	47	47	49	49	49	49	49	49	50	50	50
8.	Hartley Drain	27	28	28	28	28	28	29	29	29	29	29
9.	Phyllis Waste	3	3	3	3	3	3	3	3	3	3	3
10.	Mason Creek	15	14	14	13	13	12	12	12	12	12	12
11.	Mason Drain	77	77	77	76	76	75	75	75	75	74	74
12.	Indian Creek	133	132	132	131	131	130	130	130	130	128	127
	Total	488	482	477	466	463	459	457	453	452	447	444

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1945

JUNE

	9	10	11	12	13	14	15	16	17	18	19	20	21	22
9		10	11	12	13	14	15	16	17	18	19	20	21	22
16	16	16	16	16	16	17	17	17	17	17	17	17	16	16
10	10	10	10	11	11	11	11	11	11	11	12	12	12	12
17	17	18	18	18	18	18	18	19	19	19	19	19	20	20
11	11	10	10	10	10	10	10	10	10	10	10	10	10	10
53	53	54	54	54	54	54	55	55	55	55	56	56	56	57
96	93	90	86	82	80	77	73	70	65	60	55	55	57	58
37	37	39	39	40	40	40	43	43	44	44	44	44	44	44
21	21	21	21	21	21	21	20	20	20	20	20	20	21	22
4	4	4	4	4	4	4	4	4	4	4	4	4	3	3
35	35	35	34	34	34	34	34	34	33	33	33	33	33	33
80	93	90	86	81	90	94	96	95	92	97	99	96	96	98
45	142	146	147	149	148	146	147	145	144	148	149	151	151	152
25	532	533	526	520	527	527	529	523	514	520	518	519	525	53

JULY

	9	10	11	12	13	14	15	16	17	18	19	20	21	22
9		10	11	12	13	14	15	16	17	18	19	20	21	22
17	17	15	15	15	15	15	15	15	15	15	14	14	14	14
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
22	22	23	23	23	23	23	23	24	24	24	24	24	25	25
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
55	54	53	53	53	53	54	54	54	54	54	53	53	53	53
40	39	39	39	39	38	38	38	38	39	39	39	39	39	40
50	50	50	50	50	50	50	51	51	51	51	51	51	52	52
29	29	29	28	28	27	27	26	25	25	25	25	25	25	25
3	3	3	3	4	4	4	5	5	6	6	6	6	6	6
12	12	12	11	11	11	11	11	11	10	10	10	10	10	10
75	74	74	74	73	73	73	72	72	72	72	73	73	73	73
80	128	127	129	131	132	129	131	131	132	132	133	133	134	134
2	447	444	444	446	445	443	446	445	447	446	447	449	451	453

TER

19	20	21	22	23	24	25	26	27	28	29	30	Total
17	17	16	16	16	16	16	16	16	16	16	16	487
12	12	12	12	12	11	11	11	11	11	10	10	317
19	19	20	20	20	20	20	21	21	21	21	21	555
10	10	10	10	10	10	10	10	10	10	10	10	310
56	56	56	57	56	59	60	61	63	63	63	62	1664
60	55	57	58	63	67	71	75	82	80	74	71	2496
44	44	44	44	46	46	46	46	47	47	47	47	1217
20	20	21	22	23	24	25	26	27	27	27	27	671
4	4	3	3	3	3	3	3	3	3	3	3	115
33	33	33	33	33	30	27	24	21	17	17	15	936
97	99	96	98	100	95	91	88	84	81	79	78	2649
148	149	151	152	153	149	147	145	144	140	136	133	4323
520	516	519	525	537	530	527	526	529	518	503	493	15740

19	20	21	22	23	24	25	26	27	28	29	30	31	Total
14	14	14	14	14	14	14	14	14	14	14	14	14	467
9	9	9	9	9	9	9	9	9	9	9	9	9	282
24	24	25	25	25	25	25	26	26	26	26	27	27	733
10	10	10	10	10	10	10	10	10	10	10	10	10	310
54	53	53	53	52	52	52	52	52	52	52	51	51	1690
39	39	39	40	43	46	48	51	54	57	60	63	67	1448
51	51	52	52	53	53	54	54	54	55	55	56	56	1587
25	25	25	25	25	25	25	25	25	25	25	25	25	823
6	6	6	6	6	6	6	6	6	6	6	6	6	142
10	10	10	10	9	9	9	9	9	9	8	8	8	335
72	73	73	73	73	74	74	74	74	75	75	75	75	2300
132	133	133	134	134	135	135	136	136	137	137	138	139	4108
446	447	449	451	453	458	461	466	469	475	477	482	487	14225

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10	11	12
1.	Drainage District #3	13	13	13	13	13	12	12	12	12	12	11	11
2.	Davis Drain	9	9	9	9	9	9	9	9	9	9	9	9
3.	Thurman Drain	27	26	26	26	26	26	26	25	25	25	24	24
4.	Boise Sewer	9	9	9	9	9	9	9	9	9	9	9	9
5.	Eagle Drain	51	51	51	51	51	51	51	51	51	50	49	48
6.	South Middleton Drain	72	70	68	66	64	62	60	56	53	52	50	47
7.	North Middleton Drain	57	56	54	50	46	41	37	33	30	28	29	31
8.	Hartley Drain	25	25	25	26	26	26	26	26	26	26	25	25
9.	Phyllis Waste	5	5	5	5	5	5	5	5	5	5	5	5
10.	Mason Creek	8	8	9	9	10	10	11	12	13	14	15	16
11.	Mason Drain	76	75	73	71	70	69	67	65	63	60	59	59
12.	Indian Creek	140	142	143	144	146	147	149	153	157	161	160	157
	Total	492	489	485	479	475	467	462	456	453	451	445	441

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10	11	12
1.	Drainage District #3	10	10	10	10	10	11	11	11	11	11	11	11
2.	Davis Drain	9	9	9	9	10	10	10	10	10	10	10	10
3.	Thurman Drain	21	21	21	21	21	20	20	20	20	20	20	20
4.	Boise Sewer	9	9	9	9	9	9	9	9	9	9	9	9
5.	Eagle Drain	36	36	36	37	38	39	40	41	42	43	43	42
6.	South Middleton Drain	19	19	19	19	19	19	19	19	19	20	20	20
7.	North Middleton Drain	27	27	26	26	25	25	24	24	24	23	23	20
8.	Hartley Drain	15	15	15	15	15	15	15	15	16	16	16	23
9.	Phyllis Waste	4	4	4	4	4	4	4	4	4	4	4	16
10.	Mason Creek	37	37	37	36	36	36	35	35	35	34	34	4
11.	Mason Drain	51	51	50	50	49	49	48	48	47	47	47	46
12.	Indian Creek	130	131	134	132	130	135	133	131	137	136	134	133
	Total	368	369	370	368	366	372	368	367	374	373	371	368

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1945

AUGUST

	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	11	11	11	11	11	10	10	10	10	10	10	10	10	10
	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	24	24	24	24	22	21	21	21	21	21	21	21	21	21
	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	49	48	47	46	45	44	43	42	41	40	39	38	38	38
	50	47	45	43	40	39	36	33	32	30	29	27	26	24
	29	31	34	36	37	37	38	38	36	36	36	33	33	34
	25	25	25	24	24	24	23	23	22	22	21	21	20	19
	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	15	16	18	21	20	23	24	26	27	28	26	29	31	34
	59	59	57	56	56	56	54	54	55	55	54	54	53	53
	160	157	155	154	151	149	147	143	140	139	137	136	134	132
	445	441	439	438	429	426	419	413	407	404	396	392	389	388

SEPTEMBER

	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	20	20	20	20	20	20	20	20	20	20	21	21	21	21
	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	43	42	41	40	40	40	37	36	35	35	35	35	35	35
	20	20	20	22	22	23	23	23	23	21	21	20	20	19
	23	23	23	21	21	21	21	20	20	20	20	20	22	22
	16	16	16	16	16	17	17	17	17	17	18	18	18	18
	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	34	34	33	33	32	32	34	34	35	35	36	36	37	37
	47	46	46	46	45	45	45	46	46	46	47	47	47	48
	134	133	135	137	138	138	140	140	140	140	142	142	142	142
	371	368	368	369	368	370	371	370	370	368	374	373	376	376

RIVER

19	20	21	22	23	24	25	26	27	28	29	30	31	Total
10	10	10	10	10	10	10	10	10	10	10	10	10	340
9	9	9	9	9	9	9	9	9	9	9	9	9	279
21	21	21	21	21	21	21	21	21	21	21	21	21	712
9	9	9	9	9	9	9	9	9	9	9	9	9	279
41	40	39	38	38	38	38	37	37	37	37	36	36	1365
32	30	29	27	26	24	23	21	20	20	20	19	19	1266
36	36	36	33	33	34	32	30	30	30	29	28	27	1126
22	22	21	21	20	19	18	17	16	15	15	15	15	686
5	5	5	5	5	5	5	5	4	4	4	4	4	150
27	28	26	29	31	34	37	35	38	39	39	38	38	706
55	55	54	54	53	53	52	52	53	53	52	52	51	1829
140	139	137	136	134	132	130	129	127	126	128	129	130	4415
407	404	396	392	389	388	384	375	374	373	373	370	369	13153
19	20	21	22	23	24	25	26	27	28	29	30		Total
11	11	11	11	11	11	11	11	11	11	11	11		325
10	10	10	10	10	10	10	10	10	10	10	10		296
20	20	21	21	21	21	21	21	22	22	22	22		619
9	9	9	9	9	9	9	9	9	9	9	9		270
35	35	35	35	35	35	35	35	35	36	36	36		1130
23	21	21	20	20	19	19	24	24	24	24	24		627
20	20	20	20	22	22	22	22	22	22	23	23		682
17	17	18	18	18	18	18	18	18	18	18	18		497
4	4	4	4	4	4	4	4	4	4	4	4		120
35	35	36	36	37	37	39	40	41	41	40	40		1081
46	46	47	47	47	48	48	49	49	50	50	50		1433
140	140	142	142	142	142	142	144	144	144	144	143		4133
370	368	374	373	376	376	378	387	389	391	391	390		11213

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

IRRIGATION SEASON 1945						
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER
Boise River at Diversion Dam	122,008	439,136	406,710	226,590	181,040	99,000
Deliveries to Canals	139,212	487,448	465,002	283,286	222,918	141,000
Tributary Gain	12,494	26,088	31,480	28,450	26,306	22,000
Seepage Gain	4,710	22,224	26,812	28,246	15,572	19,000
Net Gain	17,204	48,312	58,292	56,696	41,878	41,000

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

IRRIGATION SEASON 1945						
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER
Boise River at Diversion Dam	2,033	7,083	6,778	3,655	2,920	3,000
Deliveries to Canals	2,320	7,862	7,750	4,569	3,595	2,000
Tributary Gain	208	421	524	459	424	400
Seepage Gain	79	358	448	455	251	300
Net Gain	287	779	972	914	675	600

TABLE SHOWING BOISE RIVER AT DIVERSION DAM

DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)

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

IRRIGATION SEASON 1945

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
1,008	439,136	406,710	226,590	181,040	99,400	1,474,884
2,212	487,448	465,002	283,286	222,918	141,208	1,739,074
1,494	26,088	31,480	28,450	26,306	22,426	147,244
1,710	22,224	26,812	28,246	15,572	19,382	116,946
1,204	48,312	58,292	56,696	41,878	41,808	264,190

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

BOISE RIVER AT NOTUS) - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

IRRIGATION SEASON 1945

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
2,033	7,083	6,778	3,655	2,920	1,656	24,125
2,320	7,862	7,750	4,569	3,595	2,353	28,449
208	421	524	459	424	374	2,410
79	358	448	455	251	323	1,914
287	779	972	914	675	697	4,324

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

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

SECTION 1

1945

	JULY	AUGUST	SEPTEMBER	TOTAL
Boise River at Diversion Dam	226,590	181,040	99,400	507,030
Deliveries to Canals	242,122	192,580	111,604	546,306
Tributary Gain	6,964	5,950	5,280	18,194
Seepage Gain	8,568	5,590	6,924	21,082
Net Gain	15,532	11,540	12,204	39,276

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

CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

SECTION 1

1945

	JULY	AUGUST	SEPTEMBER	TOTAL
Boise River at Diversion Dam	3,655	2,920	1,657	8,232
Deliveries to Canals	3,905	3,106	1,860	8,871
Tributary Gain	112	96	88	296
Seepage Gain	138	90	115	343
Net Gain	250	186	203	639

SUMMARY TABLE SHOWING BOISE RIVER AT CALDWELL HIGH LINE

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

SECTION 2

1945

	JULY	AUGUST	SEPTEMBER	TOTAL
Boise River at Caldwell High Line	708	350	224	1,282
Deliveries to Canals	41,872	30,688	29,828	102,388
Tributary Gain	21,486	20,356	17,146	58,988
Seepage Gain	19,678	9,982	12,458	42,118
Net Gain	41,164	30,338	29,604	101,106

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

CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

SECTION 2

1945

	JULY	AUGUST	SEPTEMBER	TOTAL
Boise River at Caldwell High Line	11	6	4	21
Deliveries to Canals	675	495	497	1,667
Tributary Gain	347	328	286	961
Seepage Gain	317	161	207	685
Net Gain	664	489	493	1,646

BOISE VALLEY CANALS AND ACREAGE

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

DRAINAGE WATER (not diverted from Boise River)

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

GRAND TOTAL

7,990 "
333,300 "

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

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

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

1945

	Acre Feet Diverted	Acres Irrigated	Acre Feet Per Acre Diverted
# Board of Control	832,840	164,761	5.05
Penitentiary	1,656	429	3.86
Bubb	5,316	745	7.14
Ridenbaugh	129,942	27,000	4.81
Settlers	42,006	12,300	3.42
Thurman	11,770	1,858	6.33
Consumers	7,078	2,500	2.83
Boise City	8,468	1,903	4.45
Farmers Union & Wise	35,110	8,900	3.94
Boise Valley	14,976	2,729	5.49
New Union	4,016	688	5.84
New Dry Creek	20,094	2,720	7.39
Ballantine	3,706	700	5.29
Middleton Irrigation Assoc.	29,456	5,704	5.11
Middleton Mill	14,728	4,400	3.35
Little Pioneer	9,202	1,286	7.16
Canyon County	19,900	3,790	5.25
7 Eagle Island Canals	12,060	2,363	5.10
Phyllis	84,672	23,500	3.60
Eureka #1	8,034	1,666	4.82
Caldwell High Line	20,730	4,010	5.17
Farmers Coop.	77,664	15,500	5.01
Canyon (Campbell)	5,164	802	6.44
Siehenberg	2,350	646	3.64
Riverside #2	46,758	10,645	4.58
Pioneer Dixie	15,078	2,015	7.43
Eureka #2	14,818	2,595	5.71
Upper Center Point	4,090	621	6.59
Lower Center Point	3,784	845	4.48
Miscellaneous	7,926	1,493	5.31
Total	1,495,392	309,114	4.84

Board of Control diversions include New York Canal diversions for winter months.

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

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

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

RD BY 18 CANALS FROM BOISE RIVER

N FROM 1916

	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945
	5.06	5.00	5.49	4.36	5.90	5.47	5.51	5.96	5.35	5.98	4.67	4.81
	2.78	3.50	3.56	2.97	3.91	3.52	3.29	3.79	3.50	4.07	3.26	3.42
	4.05	3.61	3.60	3.53	4.35	4.17	3.33	4.40	4.27	4.53	3.56	3.94
	6.04	5.11	5.88	5.88	6.44	6.46	5.96	6.41	6.11	5.79	4.98	5.49
	5.07	6.38	5.92	5.01	6.56	5.61	5.33	6.61	5.13	6.65	6.46	7.39
	6.51	5.03	4.84	4.70	5.02	5.28	5.09	4.64	6.53	5.66	5.16	5.29
	4.09	3.64	3.99	4.61	5.47	5.52	5.89	6.05	4.74	6.77	5.73	5.11
	5.09	4.78	5.06	3.41	4.00	3.42	3.56	3.31	3.15	3.81	4.09	3.35
	3.87	4.16	4.26	3.55	4.72	4.17	3.94	4.46	3.98	4.98	3.63	3.60
	6.81	6.98	6.55	6.84	7.59	6.47	5.48	6.16	5.53	6.22	5.64	7.16
	5.40	5.42	4.72	4.80	4.96	5.27	4.72	5.36	4.88	5.27	4.94	5.25
	3.89	4.93	4.72	4.53	6.04	4.45	4.46	5.08	5.17	6.32	4.57	5.01
	2.59	5.38	5.65	5.34	7.17	7.94	4.77	5.33	6.29	6.87	5.51	6.44
	3.24	5.02	3.98	4.11	4.12	5.05	4.43	4.29	3.25	3.56	3.85	3.64
	3.31	3.94	4.39	4.01	5.17	6.57	6.05	5.95	6.73	6.31	7.61	7.43
	4.94	4.85	3.91	4.19	5.24	5.88	5.94	5.68	4.97	6.28	4.56	5.71
	3.60	4.87	4.16	4.33	3.95	5.59	5.70	6.06	5.78	6.09	6.64	6.55
	3.03	3.56	1.93	3.02	2.88	4.67	5.44	5.79	4.97	3.96	5.81	4.48
	4.23	4.56	4.72	4.06	5.21	4.76	4.58	5.07	4.86	5.45	4.38	4.54

SUMMARY OF DIVERSIONS BY 18 CANALS FROM BOISE RIVER BEGINNING 1916

Acre Feet Diverted

	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934
0	55066	58840	54720	38144	30380	13574	63910	35312	29258	44744	9748
2	117794	133652	112660	122736	139664	127630	114192	135124	124554	123594	12723
2	90580	128192	94400	127004	128168	119852	125390	97806	128286	137198	10032
2	49858	121656	67656	126410	115496	103810	98520	59454	120818	108706	7173
4	30106	97294	47762	101428	83036	72406	76562	36398	87472	80802	4544
4	31396	92954	44760	80726	70006	58590	61944	32244	68098	58160	3489
4	374800	612588	421958	596448	566750	498862	540518	396338	558486	553204	47710

Acre Feet Diverted Per Acre

89	.49	.52	.48	.34	.27	.12	.57	.31	.26	.40	.8
14	1.04	1.19	1.00	1.09	1.24	1.15	1.01	1.20	1.11	1.10	1.1
93	.80	1.14	.84	1.13	1.14	1.07	1.11	.87	1.14	1.22	.8
18	.44	1.08	.60	1.12	1.03	.93	.88	.53	1.07	.95	.6
01	.26	.86	.42	.90	.73	.65	.68	.32	.78	.72	.4
70	.28	.65	.40	.71	.62	.52	.55	.29	.60	.51	.3
45	3.31	5.44	3.74	5.29	5.03	4.44	4.80	3.52	4.96	4.90	4.2

Rate in Miners Inches Per Acre Diverted

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

Percent During Each Month

[illegible]

Chart No. 15-A

	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
3	97480	27234	32734	19306	33230	86482	41376	80552	55738	39208	24516
4	127234	135380	144266	139962	127512	149266	149934	131998	113370	134538	131926
8	100320	129017	113914	120658	130646	116346	129186	108418	111610	120988	110708
6	71736	102937	99646	92842	123436	85122	90458	101136	111536	129638	103094
2	45442	75411	71296	63396	101832	67000	75504	88616	87944	118256	75854
60	34896	55207	70204	35322	87722	47792	45104	77930	67998	89438	62392
4	477108	525186	532060	471486	604378	552008	531562	588650	548196	632066	508490
40	.86	.24	.29	.17	.29	.77	.36	.72	.50	.33	.21
10	1.13	1.18	1.28	1.24	1.10	1.33	1.29	1.17	1.00	1.16	1.14
22	.89	1.12	1.01	1.07	1.13	1.03	1.11	.96	.99	1.04	.95
95	.64	.89	.88	.82	1.06	.76	.78	.90	.99	1.12	.89
72	.40	.65	.63	.56	.87	.59	.65	.78	.78	1.02	.65
51	.31	.48	.63	.32	.76	.42	.39	.69	.60	.77	.54
90	4.23	4.56	4.72	4.18	5.21	4.90	4.58	5.22	4.86	5.44	4.38
33	.72	.20	.24	.14	.24	.64	.30	.60	.42	.27	.17
92	.94	.99	1.07	1.03	.92	1.10	1.07	.98	.83	.97	.95
02	.74	.94	.84	.88	.94	.86	.93	.80	.82	.87	.79
79	.53	.75	.73	.68	.88	.63	.65	.75	.82	.93	.74
60	.33	.54	.52	.46	.72	.49	.54	.65	.65	.85	.54
42	.26	.40	.52	.26	.63	.35	.32	.57	.50	.64	.45
68	.59	.64	.65	.58	.72	.68	.65	.73	.67	.75	.61
8.1	20.3	5.3	6.2	4.1	5.6	15.7	7.9	13.8	10.3	6.1	4.8
2.5	26.7	25.9	27.1	29.8	21.1	27.0	28.0	22.4	20.6	21.3	26.0
5.0	21.1	24.6	21.4	25.5	21.7	21.2	24.4	18.4	20.4	19.1	21.7
9.4	15.1	19.5	18.7	19.7	20.3	15.5	17.1	17.3	20.4	20.6	20.3
4.7	9.5	14.2	13.4	13.4	16.7	12.0	14.2	14.9	16.0	18.8	14.9
0.3	7.3	10.5	13.2	7.5	14.6	8.6	8.4	13.2	12.3	14.1	12.3
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.00	100.0	100.0

SUMMARY OF DIVERSIONS BY 18 CANAL

Acre Feet

	1945
April	25988
May	114532
June	116622
July	117602
August	89470
September	62526
Total	526740

Acre Feet Divert

April	.22
May	.99
June	1.00
July	1.01
August	.77
September	.54
Total	4.53

Rate in Miners Inches P

April	.18
May	.82
June	.83
July	.84
August	.64
September	.45
Average	.63

Per Cent During E

April	4.9
May	21.8
June	22.1
July	22.3
August	17.0
September	11.9
Total	100.0

SUMMARY OF DIVERSIONS BY 18 CANAL

Acre Feet

1945	
April	25988
May	114532
June	116622
July	117602
August	89470
September	62526
Total	526740

Acre Feet Divert

April	.22
May	.99
June	1.00
July	1.01
August	.77
September	.54
Total	4.53

Rate in Miners Inches P

April	.18
May	.82
June	.83
July	.84
August	.64
September	.45
Average	.63

Per Cent During Ea

April	4.9
May	21.8
June	22.1
July	22.3
August	17.0
September	11.9
Total	100.0

SUMMARY OF DIVERSIONS BY 18 CANALS FROM BOISE RIVER BEGINNING 1916 (Continued)

Acre Feet Diverted

Acre Feet Diverted Per Acre

Rate in Miners Inches Per Acre Diverted

Per Cent During Each Month

SUMMARY OF DIVERSIONS BY 18 CANALS FROM BOISE RIVER BEGINNING 1916 (Continued)

Acre Feet Diverted

Acre Feet Diverted Per Acre

Rate in Miners Inches Per Acre Diverted

Per Cent During Each Month

FROM BOISE RIVER BEGINNING 1916 (Continued)

Chart No. 15-B

verted

ed Per Acre

Per Acre Diverted

g Each Month

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 DIVERSIO
CANALS IN DRAINAGE DISTRIC
IRRIGATION SEA

Canals	April	May	June	July	August	September	Total
Farmers Union & Wise	678	7,014	7,945	8,209	6,222	5,042	35,110
Boise Valley	480	3,552	3,255	3,705	2,160	1,824	14,976
New Dry Creek	472	4,360	5,468	4,702	2,788	2,304	20,094
New Union	108	648	944	938	808	570	4,016
Ballantine	78	1,288	912	624	382	422	3,706
Little Pioneer	332	1,808	1,704	2,532	1,578	1,248	9,202
Middleton Canals	1,664	12,240	8,850	10,512	6,854	4,064	44,184
Canyon County	1,002	3,828	4,948	4,122	3,348	2,652	19,900
Totals	4,814	34,738	34,026	35,344	24,140	18,126	151,188

TOTAL MONTHLY FLO
OF DRAINS IN DRAIN
SEASON

Drains	April	May	June	July	August	September	Total
Eagle Drain	1,352	2,488	3,328	3,380	2,730	2,260	15,538
Star Feeder	70	2,130	3,704	2,474	1,990	1,596	11,964
Watts Check	20	1,346	1,990	1,298	1,238	1,282	7,174
Long Feeder	20	1,070	1,426	1,750	1,200	832	6,298
South Middleton Drain	2,492	6,028	4,992	2,896	2,532	1,254	20,194
North Middleton Drain	666	1,152	2,434	3,174	2,252	1,364	11,042
Hartley Drain	490	1,246	1,342	1,646	1,372	994	7,090
Totals	5,110	15,460	19,216	16,618	13,314	9,582	79,300

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

IRRIGATION SEASON OF 1945

Ch

ly	August	September	Total
----	--------	-----------	-------

09	6,222	5,042	35,110
----	-------	-------	--------

05	2,160	1,824	14,976
----	-------	-------	--------

02	2,788	2,304	20,094
----	-------	-------	--------

38	808	570	4,016
----	-----	-----	-------

24	382	422	3,706
----	-----	-----	-------

32	1,578	1,248	9,202
----	-------	-------	-------

12	6,854	4,064	44,184
----	-------	-------	--------

22	3,348	2,652	19,900
----	-------	-------	--------

44	24,140	18,126	151,188
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SUMMARY TABLE

Year	Canal Diversions	Drain Discharge	Used, Retained and Winter runoff
------	---------------------	--------------------	-------------------------------------

1922	6.38	2.90	3.48
------	------	------	------

1923	6.95	2.99	3.96
------	------	------	------

1924	5.03	2.59	2.44
------	------	------	------

1925	6.21	2.42	3.79
------	------	------	------

1926	4.92	1.97	2.95
------	------	------	------

1927	6.28	2.62	3.66
------	------	------	------

1928	6.08	2.78	3.30
------	------	------	------

TOTAL MONTHLY FLOW IN ACRE FEET,

OF DRAINS IN DRAINAGE DISTRICT NO. 2

SEASON 1945

ly	August	September	Total
----	--------	-----------	-------

380	2,730	2,260	15,538
-----	-------	-------	--------

474	1,990	1,596	11,964
-----	-------	-------	--------

298	1,238	1,282	7,174
-----	-------	-------	-------

750	1,200	832	6,298
-----	-------	-----	-------

896	2,532	1,254	20,194
-----	-------	-------	--------

174	2,252	1,364	11,042
-----	-------	-------	--------

646	1,372	994	7,090
-----	-------	-----	-------

618	13,314	9,582	79,300
-----	--------	-------	--------

1931	5.06	1.99	3.07
------	------	------	------

1932	5.73	2.36	3.37
------	------	------	------

1933	5.09	2.36	2.73
------	------	------	------

1934	4.59	2.41	2.18
------	------	------	------

1935	4.88	2.27	2.61
------	------	------	------

1936	4.86	2.55	2.31
------	------	------	------

1937	4.73	2.37	2.36
------	------	------	------

1938	5.40	2.84	2.56
------	------	------	------

1939	5.26	2.32	2.94
------	------	------	------

1940	4.90	2.51	2.39
------	------	------	------

1941	5.51	2.80	2.71
------	------	------	------

1942	5.14	2.72	2.42
------	------	------	------

1943	5.70	3.10	2.60
------	------	------	------

1944	5.07	2.49	2.58
------	------	------	------

1945	5.21	2.73	2.48
------	------	------	------

THLY DIVERSIONS IN ACRE FEET, OF
 INAGE DISTRICT NO. 2 FOR 29,000 ACRES
 RIGATION SEASON OF 1945

Chart No. 17

Total
 35,110
 14,976
 20,094
 4,016
 3,706
 9,202
 44,184
 19,900
 151,188

SUMMARY TABLE

	Year	Canal Diversions	Drain Discharge	Used, Retained and Winter runoff
	1922	6.38	2.90	3.48
	1923	6.95	2.99	3.96
	1924	5.03	2.59	2.44
	1925	6.21	2.42	3.79
	1926	4.92	1.97	2.95
	1927	6.28	2.62	3.66
	1928	6.08	2.78	3.30
L MONTHLY FLOW IN ACRE FEET,	1929	5.46	2.27	3.19
INS IN DRAINAGE DISTRICT NO. 2	1930	5.97	2.61	3.36
SEASON 1945	1931	5.06	1.99	3.07
Total	1932	5.73	2.36	3.37
15,538	1933	5.09	2.36	2.73
11,964	1934	4.59	2.41	2.18
7,174	1935	4.88	2.27	2.61
6,298	1936	4.86	2.55	2.31
20,194	1937	4.73	2.37	2.36
11,042	1938	5.40	2.84	2.56
7,090	1939	5.26	2.32	2.94
79,300	1940	4.90	2.51	2.39
	1941	5.51	2.80	2.71
	1942	5.14	2.72	2.42
	1943	5.70	3.10	2.60
	1944	5.07	2.49	2.58
	1945	5.21	2.73	2.48

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

SEASON OF 1945

	April	May	June	July	August	September	Total
Average Daily Flow in Second Feet	9.6	13.4	16.2	15.1	11.0	10.8	25.4
Total Monthly Flow in Acre Feet	576.0	834.0	974.0	934.0	680.0	650.0	4,648.0
Acre Feet Per Acre	.14	.20	.23	.22	.16	.15	1.10

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

SEASON OF 1945

	April	May	June	July	August	September	Total
Average Daily Flow in Second Feet	10.0	13.2	18.5	23.6	23.0	20.6	36.4
Total Monthly Flow in Acre Feet	602.0	820.0	1,110.0	1,466.0	1,424.0	1,238.0	6,660.0
Acre Feet Per Acre	.24	.33	.44	.59	.57	.50	2.67

Summary
Acre Feet

1925
1926
1927
1928
1929
1930
1931
1932
1933
1934
1935
1936
1937
1938
1939
1940
1941
1942
1943
1944
1945

Chart No. 18

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS

IN DRAINAGE DISTRICT NO. 3 FOR 4200 ACRES

SEASON OF 1945

May	June	July	August	September	Total
13.4	16.2	15.1	11.0	10.8	25.4
34.0	974.0	934.0	680.0	650.0	4,648.0
.20	.23	.22	.16	.15	1.10

Summary Table
Acre Feet Per Acre

1925	1.43
1926	1.03
1927	1.29
1928	1.15
1929	1.16
1930	.96
1931	.86
1932	1.25
1933	1.18
1934	.89
1935	1.04
1936	1.43
1937	.83
1938	.83
1939	1.00
1940	1.01
1941	.90
1942	1.04
1943	1.12
1944	1.08
1945	1.10

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS

IN DRAINAGE DISTRICT NO. 4 FOR 2500 ACRES

SEASON OF 1945

May	June	July	August	September	Total
13.2	18.5	23.6	23.0	20.6	36.4
820.0	1,110.0	1,466.0	1,424.0	1,238.0	6,660.0
.33	.44	.59	.57	.50	2.67

Summary Table
Acre Feet Per Acre

1925	2.66
1926	2.07
1927	2.70
1928	2.55
1929	2.02
1930	2.45
1931	1.82
1932	2.03
1933	2.26
1934	2.34
1935	2.10
1936	2.12
1937	2.36
1938	2.25
1939	3.60
1940	2.36
1941	2.30
1942	2.59
1943	2.72
1944	2.59
1945	2.67

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

RETURN FLOW TO ENTIRE RIVER														
1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928
	447	939		1093	822	441	1075	903	650	412	681	304	711	839
	861	1192	1214	1247	1008	629	1475	741	1228	644	350	638	860	983
465	545	1191	1341	1281	1048	817	880	963	1200	594	1123	588	946	1140
276	498	1006	1179	756	598	697	888	836	877	372	935	412	902	706
469	381	727	690	785	558	630	811	713	800	341	799	376	728	552
	460	739	715	938	549	596	814	618	863	311	880	496	839	698
403	533	964	1027	1011	763	635	990	795	739	446	794	469	831	820

RETURN FLOW TO SECTION ONE														
1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928
139	122			227	252			242		243		214		
70	130			270	233			239		180		137		222
201	150	194	254	263	248	203	285	286		176	328	144	272	187
		199	225	242	242	118	267	180	344	134	323	209	247	257
123	137	196	242	260	242	178	281	213	315	183	325	176	260	222

RETURN FLOW TO SECTION TWO														
1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928
357	249			431	352			547		339		343		
213	245			503	325	426	526	474		192		275		459
280	300	503	425	500	307	420	512	439	574	165	470	232	455	365
		540	386						613	177	560	287	592	442
275	281	521	409	490	328	424	519	467	593	218	515	284	524	422

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

RETURN FLOW TO ENTIRE RIVER

	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
4															
2	681	304	711	839	467	274	336	423	488	348	212	185	357	593	25
4	350	638	860	983	600	758	670	1825	1300	724	815	976	685	1355	95
4	1123	588	946	1140	1077	869	694	1243	929	839	1204	1147	987	1373	87
2	935	412	902	706	538	673	386	980	658	515	669	735	598	1213	60
1	799	376	728	552	483	626	345	555	551	374	504	589	464	753	50
1	880	496	839	698	571	658	384	581	540	454	505	713	473	823	66
6	794	469	831	820	623	643	469	934	744	542	652	725	594	1018	64

RETURN FLOW TO SECTION ONE

	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
4															
8		214													
0		137		222	137	260	158	336	216	204	257	343	273		
6	328	144	272	187	170	230	157	183	247	110	201	294	185	242	25
4	323	209	247	257	184	262	167	183	177	168	197	377	168	233	24
8	325	176	260	222	164	251	161	234	213	161	218	338	208	238	23

RETURN FLOW TO SECTION TWO

	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
4															
9		343													
2		275		459	398	414	228	623	409	314	412	438	326		358
6	470	232	455	365	313	395	188	372	325	264	305	329	280	511	281
7	560	287	592	442	412	396	217	398	361	286	308	376	305	590	411
8	515	284	524	422	374	401	211	464	365	288	341	381	303	550	350

Chart No. 19

1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945
336	423	488	348	212	185	357	593	259	607	547	558	533	370	287
670	1825	1300	724	815	976	685	1355	956	955	1269	1091	491	591	779
694	1243	929	839	1204	2147	987	1373	875	879	1334	1000	778	1223	972
386	980	658	515	669	735	598	1213	605	637	746	648	885	657	914
345	555	551	374	504	589	464	753	505	535	746	637	891	589	675
384	581	540	454	505	713	473	823	660	716	840	681	945	652	697
469	934	744	542	652	725	594	1018	643	721	914	769	754	680	711
1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945
158	336	216	204	257	343	273			213	290	92		139	250
157	183	247	110	201	294	185	242	246	212	269	227	170	196	186
167	183	177	168	197	377	168	233	221	222	267	190	219	200	203
161	234	213	161	218	338	208	238	249	216	275	169	195	178	213
								239						
1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945
228	623	409	314	412	438	326		358	422	479	556		518	664
188	372	325	264	305	329	280	511	281	323	482	409	567	393	489
217	398	361	286	308	376	305	590	411	494	578	491	538	452	493
211	464	365	288	341	381	303	550	350	413	513	485	552	454	549

REVISED AREA AND CAPACITY TABLE FOR ARROWROCK RESERVOIR

Chart No. 20

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

Elev.	Storage in Acre Feet	Tabular Differ- ence	:	Elev.	Storage in Acre Feet	Tabular Differ- ence
			:	3001	1250	90
			:	2	1340	90
			:	3	1440	100
			:	4	1540	100
			:	5	1640	100
			:	3006	1740	100
			:	7	1850	110
			:	8	1960	110
			:	9	2080	120
			:	10	2210	130
			:	3011	2340	130
			:	12	2470	130
			:	13	2610	140
			:	14	2760	150
			:	15	2910	150
			:	3016	3070	160
			:	17	3240	170
			:	18	3420	180
			:	19	3600	180
2974	0		:	20	3800	200
75	20	20	:	3021	4000	200
2976	40	20	:	22	4200	200
77	60	20	:	23	4400	200
78	80	20	:	24	4600	200
79	100	20	:	25	4800	200
80	120	20	:	3026	5010	210
2981	140	20	:	27	5220	210
82	170	30	:	28	5430	210
83	200	30	:	29	5650	220
84	230	30	:	30	5870	220
85	270	40	:	3031	6090	220
2986	310	40	:	32	6310	220
87	350	40	:	33	6530	220
88	400	50	:	34	6770	240
89	450	50	:	35	7010	240
90	500	50	:	3036	7250	240
2991	560	60	:	37	7490	240
92	620	60	:	38	7750	260
93	680	60	:	39	8010	260
94	740	60	:	40	8270	260
95	800	60	:	3041	8550	280
2996	870	70	:	42	8850	300
97	940	70	:	43	9170	320
98	1010	70	:	44	9510	340
99	1080	70	:	45	9870	360
3000	1160	80	:			

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

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

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

REVISED AREA AND CAPACITY TABLE FOR ARROWROCK RESERVOIR

Chart 20-B

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

Elev.	Storage in Acre Feet	Tabular Differ- ence	:	Elev.	Storage in Acre Feet	Tabular Differ- ence
3136	100700	1700	:	3181	191900	2400
37	102400	1700	:	82	194300	2400
38	104100	1700	:	83	196700	2400
39	105800	1700	:	84	199100	2400
40	107500	1700	:	85	201500	2400
3141	109300	1800	:	3186	204000	2500
42	111100	1800	:	87	206500	2500
43	112900	1800	:	88	209000	2500
44	114700	1800	:	89	211500	2500
45	116500	1800	:	90	214000	2500
3146	118400	1900	:	3191	216600	2600
47	120300	1900	:	92	219200	2600
48	122200	1900	:	93	221800	2600
49	124100	1900	:	94	224400	2600
50	126000	1900	:	95	227000	2600
3151	128000	2000	:	3196	229600	2600
52	130000	2000	:	97	232200	2600
53	132000	2000	:	98	234800	2600
54	134000	2000	:	99	237400	2600
55	136000	2000	:	3200	240000	2600
3156	138000	2000	:	3201	242800	2800
57	140000	2000	:	2	245600	2800
58	142000	2000	:	3	248400	2800
59	144000	2000	:	4	251200	2800
60	146000	2000	:	5	254000	2800
3161	148100	2100	:	3206	256900	2900
62	150200	2100	:	7	259800	2900
63	152300	2100	:	8	262700	2900
64	154400	2100	:	9	265600	2900
65	156500	2100	:	10	268500	2900
3166	158600	2100	:	3211	271500	3000
67	160700	2100	:	12	274500	3000
68	162800	2100	:	13	277500	3000
69	164900	2100	:	14	280500	3000
70	167000	2100	:	15		3000
3171	169200	2200	:			
72	171400	2200	:			
73	173600	2200	:	2967	C. L. of Sluice Gates	
74	175800	2200	:	3018	C. L. of Lower Valves	
75	178000	2200	:	3105	C. L. of Upper Valves	
3176	180300	2300	:	3205	Crest of Spillway Weir	
77	182600	2300	:	3211	Top of Moveable Crest	
78	184900	2300	:			
79	187200	2300	:			
80	189500	2300	:			

ADDITIONAL DECREES BOISE RIVER. "Interrenors" Stewart Decree.

Number	Date	Name	Canal	Amount Decreed Sec. Ft.	Depth of File No.
66A	4-1-1878	J.S. Kraus	Ballantine	.80	373
129A	4-1-1897	H.E. Plain	Dry Creek	.54	373
66C	4-1-1878	J.W. Kolander	Ballantine	1.40	373
66D	4-1-1878	M.T. Griffith	Ballantine	.80	373
73A	4-1-1880	Goble + Sonnet	Dry Creek	.54	373
75A	6-1-1880	C.B. Frank	Dry Creek	.816	380
136	5-1-1906	H.E. Wymer	Ballantine	.356	325
85A	6-1-1882	Leo Masters	Warm Springs	1.60	324
137	5-1-1909	B.F. Weaverling	Warm Springs	1.60	294
138	6-14-1912	Wesley A. Pace	Dry Creek	.40	293
85C	5-1-1883	Wm. Huckba	Ballantine	.203	321
85D	5-1-1883	C.H. Schmeizer	Ballantine	.7506	320
85E	5-1-1883	C.W. McCarty	Dry Creek	.35	319
124A	5-1893	W.D. Charters	Dry Creek	1.00	318
85B	4-1-1883	Jacob Bingham	Dry Creek	1.00	317
77A	4-15-1882	Roc. Helms	Settlers	3.674	295
8A	4-1-1865	Adolph Bahler	Riverside Inq'd	.80	412
47A	4-1-1870	Ralph T. Knight	Bahler	.80	412
35A	6-1-1867	Anna Spencer	Canyon County	1.76	419
116A	6-1-1890	Willis Spencer	Riverside Inq'd	.72	12A Miss
116B	6-1-1890	Rebecca Bell	"	.40	"
116C	6-1-1890	Neil + Patrick O'Donnell	"	.40	"
114B	5-1-1889	Gus A. Barth	Farma Ditch Co	.80	466
114A	5-1-1889	Gus A. Barth	"	1.60	467
77A	6-1-1881	Charles Juries	"	.34	467
77B	6-1-1881	James Finlay	"	.80	467
77C	6-1-1881	Lester Shipley	"	.130	467
77D	6-1-1881	Wm. W. Lusser	Lawrence + Kennedy	2.30	482
31A	6-1-1866	Manie Jerry Couzens	Middleton Water	.60	482
31B	6-1-1866	Albert C. Boyer + Kennedy	Lawrence + Kennedy	1.10	491
31C	6-1-1866	Island Highline Ditch Co.	"	3.00	491
71A	4-1-1879	"	"	7.00	496
137A	4-1-1910	"	"	10.00	496
139	4-1-1915	Albert Lempel + Lemp	Larsen-Daxter + Lemp	3.20	496
75A	1880	Louise Stomanson	Lemp Ditch Eagle Island	6.00	497
29A	1865	First Nat. Bank of Idaho	Bubb	.50	498
8B	4-1-1865	St. Nardines + Almela + Isley	"	1.00	498
51A	1870	"	"	.84	498
116-A	1889	"	"	"	"

ADDITIONAL DECREES BOISE RIVER.

Intervenor's "Stewart Decree".

Chart 21

Name	Canal	Amount Decreed	Sec. Ft.	File No.
J.S. Kraus	Ballantine	40.	80	373
H.E. Plain	Dry Creek.	27	54	373
J.W. Kolander	Ballantine	70	140	373
M.T. Griffith	Ballantine	40	80	373
Goble + Sonnet	Dry Creek	27	54	373
C.B. Frank	Dry Creek	27	54	373
H.E. Wymer	Ballantine	40.80	816	380
Leo Marslers	Ballantine	1780	356	325
B.F. Weaverling	Warm Springs	80.	160	324
Wesley A. Mace	Warm Springs	80	160	294
Wm. Hucksba	Dry Creek	20	40	293
C.H. Schmeltzer	Ballantine	10.15	203	321
C.W. McCullary	Ballantine	37.53	7506	320
W.D. Charters	Dry Creek	17.50	35	319
Jacob Bingham	Settlers	50.	100	318
Roc Helms	Settlers	50.	100	317
Adolph Bahler	Riverside Irrig.	183.70	3674	295
Adolph Bahler	Bahler	40.	80	412
Ralph Knight	Canyon County	88.	176	419
Aling Spencer	Riverside Irrig.	36	72	12A Misc.
Willis B. Spencer	"	5	10	"
Rebecca Bell	"	20	40	"
Neil + Patricia O'Donnell	O'Donnell + Barth	80	160	466
Gus A. Barth	"	40	80	467
Gus A. Barth	Farma Ditch Co.	80	160	467
Charles Juries	"	17	34	467
James Finlay	"	40	80	467
Lester J. Shippy	"	65	130	467
Lawrence + Kennedy	Lawrence + Kennedy	115	230	482
Wm. W. Lister	Lawrence + Kennedy	30	60	482
Mary + Jerry Couzens	Middleton Water	55	110	482
Albert C. Boyermann	Lawrence + Kennedy	150	300	491
Island Highline Ditch Co.	"	350	700	491
Albert Lemp et al	"	500	1000	491
Louise Stomanson	Larsen - Baxter + Lemp	160	320	496
First Nat. Bank of Idaho	Lemp Ditch Eagle Island	300	600	496
St. Hardies + Amelia Lister	Bubb	90	180	497
"	"	25	50	498
"	"	50	100	498

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DECREED RIGHT

No. of Change of Point of Diversion	Point of Diversion		Date of Change	Priority		No. of Acres
	From	To		No.	Date	
3		Eureka No. 2	4-2-1912	96	10-1-87	80
9			7-31-1912			
29		Canyon County	8-26-1918			50
32		Davis Ditch	7-15-1919			
35		Riverside	4-3-1919			160
36	Canyon County	Middleton Water	4-12-1918	35	6-1-67	
38	Hart & Davis	Seven Suckers	9-24-1915			
39	Hart & Davis	Seven Suckers	6-12-1918			
48	Pioneer Dixie		9-26-1918			
50	Lower Cen. Point	Bowman & Swisher	3-31-1920	19	6-1-65	
51	Lower Cen. Point	Bowman & Swisher	3-31-1920	20	6-1-65	
54	Canyon County	Middleton Mill	4-24-1920	35	6-1-67	
57	Middleton Water	Ballantine	12-2-1920	65	6-1-77	35
59	Kennedy	Canyon County	3-18-1921	31	6-1-66	
61	Kennedy & Lawrence	Middleton Water	6-22-1921			
64	Ballantine	Dry Creek	12-21-1921			
75	Middleton Mill	Canyon County	11-25-1924			
76		Settlers	3-12-1925	85B	4-1-83	
77	Bubb	Bahler	4-26-1925	8A	4-1-65	80
77	Bubb	Bahler	4-26-1925	47A	4-1-70	
83	Warm Springs	Settlers	4-29-1926			
84	Middleton Water	Farmers Union	3-9-1926	65	6-1-77	
85	Upper Center Point	Eureka No. 2	5-7-1926			
91	Ballantine	Dry Creek	6-23-1926	103		
103	Parma Ditch	Parma Ditch	10-3-1928			
126	Lawrence & Kennedy	Middleton Water	3-25-1931		6-1-66	
127	Bowman & Swisher	Larsen Baxter & Lemp	8-15-1930		6-1-65	
131	Eureka No. 2	Lower Cen. Point	1-16-1932		9-9-83	
140	Ballantine	New Dry Creek	4-23-1934	85D	5-1-83	
141	Fischer Power	Fischer Power	12-18-1934		7-19-12	
147	Mid Mill	Canyon County	1-8-1936		6-1-67	
148	Pioneer Dixie	Upper Cen. Point No. 1	4-17-1936	96	10-1-87	
151	New Dry Creek	Ballantine	2-10-1937		5-1-93	
152	Bahler Ditch	Ridenbaugh Canal	5-15-1937		4-1-70	
153	Rein-Keogh-Bahler	Ridenbaugh Canal	5-15-1937		5-1-95	
154	Bahler Ditch	Ridenbaugh Canal	5-15-1937		4-1-65	
159	Upper Center P.	Eureka No. 2	5-27-1939		6-1-65	
161	Ballantine	New Dry Creek	5-5-1940		6-1-88	
174	Ballantine	New Dry Creek	28-3-1944	103	6-1-88	
175	Riverside	Eureka	4-11-1944		6-1-83	
176	Mammon Ditch	Haas Ditch	4-18-1944		6-1-78	
179	Catlin-Mace	Seven Suckers	3-31-45	5	6-1-64	
				52	6-1-71	

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

Date of Change	Priority		No. of Acres	Quantity in Inches	By Whom	
	No.	Date				
4-2-1912	96	10-1-87	80		Thos. T. Johnston	
7-31-1912					Albert F. Clemons	
8-26-1918			50	50	J. C. Hughes	
7-15-1919					Ed Davis	
4-3-1919			160	100	Rebecca Bell	
4-12-1918	35	6-1-67		19	Draper & Others	
9-24-1915				52	Shafer & Others	
6-12-1918					George Rambo	
9-26-1918					Jas. D. Ruark	To I
3-31-1920	19	6-1-65		144	John S. Swisher	
3-31-1920	20	6-1-65		320	Bird Bowman	
4-24-1920	35	6-1-67		55½	H. G. Dudley	Foote
12-2-1920	65	6-1-77	35	30	Edward McClintick	
3-18-1921	31	6-1-66		130	W. Kennedy	
6-22-1921				33½	Minnie Couzens	
12-21-1921				10	Harry Seavey	
11-25-1924				25	Detweed Etc. Bank	
3-12-1925	85B	4-1-83		50	Jacob Bingham	
4-26-1925	8A	4-1-65	80	40	Adolph Bahler	
4-26-1925	47A	4-1-70		40	Adolph Bahler	
4-29-1926				36	Leo Marsters	
3-9-1926	65	6-1-77		40	J. C. Ralph	
5-7-1926				25	J. C. Bruce	
6-23-1926	103			32½	Ira E. Barber	Not a
10-3-1928					Charles Jurries	Secret
3-25-1931		6-1-66		115	Wm. Musser	
8-15-1930		6-1-65		40	Wm. Baxter	
1-16-1932		9-9-83		35	R. E. McGuire	
4-23-1934	85D	5-1-83		3	Chas. H. Schmelzer	
12-18-1934		7-19-12			Fischer Power Only	Below
1-8-1936		6-1-67		10	Cora M. Clifton	Decreed
4-17-1936	96	10-1-87		75	Dora Greer	
2-10-1937		5-1-93		6¾	J. H. Cone	
5-15-1937		4-1-70		40	Adolph Bahler	
5-15-1937		5-1-95		50	Adolph Bahler	
5-15-1937		4-1-65		40	Adolph Bahler	
5-27-1939		6-1-65		5	Raymond T. Ereshears	
5-5-1940		6-1-88		32½	Sid Barber	
28-3-1944	103	6-1-88		12	Frank M. Ray	
4-11-1944		6-1-83		440	Wilbur Ereshears	
4-18-1944		6-1-78		85	Charlottie D. Allen	
3-31-45	5	6-1-64)			Idaho Fish & Game Dept.	
	52	6-1-71)		12		

OF DECREEED RIGHTS ON FOISE RIVER

CHART 22

<u>Date</u>	<u>No. of Acres</u>	<u>Quantity in Inches</u>	<u>By Whom</u>	<u>Remarks</u>
0-1-87	80		Thos. T. Johnston	
	50	50	Albert F. Clemons	
	160	100	J. C. Hughes	
1-67		19	Ed Davis	
		52	Rebecca Bell	
			Draper & Others	
			Shafer & Others	
1-65		144	George Rambo	
1-65		320	Jas. D. Ruark	
1-67		55½	John S. Swisher	To Indian Creek
1-77	35	30	Bird Bowman	
1-66		130	H. G. Dudley	
		33½	Edward McClintick	Foot & Wiseman
		10	W. Kennedy	
		25	Minnie Couzens	
-83		50	Harry Seavey	
-65	80	40	Detweed Etc. Bank	
-70		40	Jacob Bingham	
		36	Adolph Bahler	
-77		40	Adolph Bahler	
		25	Leo Marsters	
		32½	J. C. Ralph	
			J. C. Bruce	
-66		115	Ira E. Barber	
-65		40	Charles Jurries	Not approved by ditch companies Secretary
-83		35	Wm. Musser	
-83		3	Wm. Baxter	
-12			R. E. McGuire	
-67		10	Chas. H. Schmelzer	
-87		75	Fischer Power Only	Below Fairview Bridge
-93		6¼	Cora M. Clifton	
-70		40	Dora Greer	Decreed to Amer. Ditch Assoc.
-55		50	J. H. Cone	
-55		40	Adolph Bahler	
-55		5	Adolph Bahler	
-8		32½	Adolph Bahler	
-8		12	Raymond T. Breshears	
-3		440	Sid Barber	
-4		85	Frank M. Ray	
-1)			Wilbur Breshears	
-1)			Charlottie D. Allen	
	12		Idaho Fish & Game Dept.	

Number of
Transfer

Point of Diversion
From To

TRANSFERS OF DECREED RIGHTS ON BOISE R

			Priority No.	Date	Date of Transfer	Quantity In Inches	
34	Settlers'	Settlers'					
34	Settlers'	Settlers'	92	10-17-84	3-16-1909)	15	Walter
36	American Ditch Assn.	Settlers'	122	6-1- 91	3-16-1909)		
38	American Ditch Assn.	Pioneer Dixie	96	10-1- 87	4-19-1909	100	C. H.
45		Canyon Ditch Co.	96	10-1- 87	9-1- 1909	605	Wm. M.
46		Settlers'			2-5- 1910	10	J. E.
47	American Ditch Assn.	Penitentiary	50	6-1- 66	2-4- 1910	112	Barber
48	American Ditch Assn.	Eureka No. 2	96	10-1- 87	3-16-1910	1475	America
50	Settlers'	Pioneer Dixie	96	10-1- 88	3-31-1910	210	Nichols
62	Pioneer Dixie	Eureka No. 2			6-7- 1910	20	J. F. C.
71	Upper Center Point	Eureka No. 2	96	10-1- 87	11-14-1910	50	J. A. C.
105	Siebenberg	Canyon	24	6-1- 65	3-14-1911	40	J. D. R.
111	Eureka No. 2	Hillcrest	9	6-1- 65	9-16-1912	25	H. E. M.
111	Pioneer Dixie	Hillcrest	96	10-1- 87	11-25-1912	60	H. L. R.
111	Pioneer Dixie	Hillcrest	8	6-1- 64	11-25-1912)	1017	H. L. R.
136	Jacobs	Farmers Union	45	6-1- 69	11-25-1912)		
219			2	6-1- 64	6-8- 1914	1000	Boise R.
300	Middleton Mill	Dry Creek			7-18-1918	432	Pioneer
301	Middleton Mill	Dry Creek		4- 20	4-20-1921	17.5	Emma M.
347	Middleton Mill	Settlers'	3	6-1- 64	4-20-1921	72	John F.
349	Middleton Mill	Settlers'	3	6-1- 64	2-6- 1925	7	C. E. W.
350	Middleton Mill	Settlers'	3	6-1- 64	2-6- 1925	7	Frank W.
357	Middleton Mill	Settlers'	65	6-1- 77	2-6- 1925	7	Carl A.
370	Boise City	Farmers Union	33	6-1- 66	5- -1925	10	Nellie B.
373	Boise City	Farmers Union	33	6-1- 66	3-16-1926	56.2	Henry W.
374	Middleton Water #1	Farmers Union	65	6-1- 77	4-26-1926	18.7	L. A. H.
375	Middleton Water	Farmers Union	65	6-1- 77	5-6- 1926	20	H. D. P.
384	Middleton Water	Farmers Union	65	6-1- 77	5-6- 1926	10	A. G. W.
385	Middleton Water	Farmers Union	65	6-1- 77	7-6- 1926	20	Mary F.
386	Middleton Water	Farmers Union	65	6-1- 77	7-8- 1926	13.3	H. E. M.
387	Middleton Water	Farmers Union	65	6-1- 77	7-8- 1926	20	H. W. B.
391	Middleton Mill	Farmers Union	65	6-1- 77	7-8- 1926	20	E. E. S.
392	Middleton Water	Ridenbaugh	65	6-1- 77	8-13-1926	7.5	Rush Cha.
393	Middleton Mill	Farmers Union	3	6-1- 54)	8-21-1926	20	Fred Egg
393	Middleton Mill	Farmers Union	54	6-1- 61)	9-15-1926	14.4	A. C. B.
393	Middleton Mill	Farmers Union	120	6-1- 91)			
395	Middleton Water	Farmers Union	65	6-1- 77	11-16-1926	25	G. R. M.
412	Thurman	Settlers'		6-1- 82	12-2- 1927	20	Chas. P.
430	Farmers Union	Settlers'	65	6-1- 77	7-2- 1928	12.5	J. A. F.
466	Ridenbaugh	New York	106	8-20-88	7-6- 1929	445	W. H. T.
468	Settlers'	Settlers'	65	6-1- 77	7-12-1929	5	C. C. W.
477	Settlers'	Settlers'		10-12-84	11-18-1929	10	Chas. N.
483	Settlers'	Settlers'		10-13-84	4-7- 1930	3	Frank P.
512	Jacobs Canal	Farmers Union	2	6-1- 64	5-27-1932	50	W. Scott
513	Jacobs Canal	Farmers Union	2	6-1- 64	5-27-1932	25	Farmers
530	Jacobs Ditch	Farmers Union	1	6-1- 64	5-15-1934	15	A. B. W.
542	Farmers Union	Farmers Union	2	6-1- 64	12-31-1934	34.37	Federal
595	Jacobs Canal	Nampa-Meridian	1	6-1- 64	9-9- 1938	15	Boise Tr
595	Jacobs Canal	Settlers'	1	6-1- 64	9-9- 1938	15	Boise Tr
603	Riverside	Pioneer Dixie	88	6-1- 83	4-29-1940	50	W. F. T.
644	Riverside	Pioneer Dixie	88	6-1- 83	11-12-1942	35	S. E. S.
654	Consumers	Settlers	30	5-1-66	10-18-1943	25	W. W. H.
654	Consumers	Settlers	30	5-1-66	10-18-1943	50	W. W. H.
654	Consumers	Settlers	30	5-1-66	10-18-1943	25	W. W. H.
660	Riverside	Pioneer-Dixie	66	6-1-83	4-11-1944	30	D. W. L.
694	Consumers	Settlers	30	5-1-66	4-29-1946	8	W. W. H.
694	Consumers	Settlers	30	5-1-66	4-29-1946	6	W. W. H.

Number of
Transfer

Point of Diversion
From To

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

			Priority No.	Date	Date of Transfer	Quantity In Inches	
34	Settlers'	Settlers'					
34	Settlers'	Settlers'	92	10-17-84	3-16-1909)	15	Walter
36	American Ditch Assn.	Pioneer Dixie	132	6-1- 91	3-16-1909)		
38	American Ditch Assn.	Canyon Ditch Co.	96	10-1- 87	4-19-1909	100	C. E.
45		Settlers'	96	10-1- 87	9-1- 1909	605	Wm. M.
46		Penitentiary			2-5- 1910	10	J. E. B.
47	American Ditch Assn.	Eureka No. 2	50	6-1- 66	2-4- 1910	112	Barber
48	American Ditch Assn.	Pioneer Dixie	96	10-1- 87	3-16-1910	1475	America
50	Settlers'		96	10-1- 88	3-31-1910	210	Nichols
62	Pioneer Dixie	Eureka No. 2			6-7- 1910	20	J. P. C.
71	Upper Center Point	Eureka No. 2	96	10-1- 87	11-14-1910	50	J. A. C.
105	Siebenberg	Canyon	24	6-1- 65	3-14-1911	40	J. L. R.
111	Eureka No. 2	Hillcrest	9	6-1- 65	9-16-1912	25	H. E. M.
111	Pioneer Dixie	Hillcrest	96	10-1- 87	11-25-1912	60	H. L. R.
111	Pioneer Dixie	Hillcrest	8	6-1- 64	11-25-1912)	1017	H. L. R.
136	Jacobs	Farmers Union	45	6-1- 69	11-25-1912)		
219			2	6-1- 64	6-8- 1914	1000	Boise R.
300	Middleton Mill	Dry Creek			7-15-1918	432	Pioneer
301	Middleton Mill	Dry Creek		4- 20	4-20-1921	17.5	Emma M.
347	Middleton Mill	Settlers'			4-20-1921	72	John F.
349	Middleton Mill	Settlers'	3	6-1- 64	2-6- 1925	7	C. E. Wh
350	Middleton Mill	Settlers'	3	6-1- 64	2-6- 1925	7	Frank We
357	Middleton Mill	Settlers'	3	6-1- 64	2-6- 1925	7	Carl A.
370	Boise City	Farmers Union	65	6-1- 77	5- -1925	10	Nellie B.
373	Boise City	Farmers Union	33	6-1- 66	3-16-1926	56.2	Henry W.
374	Middleton Water #1	Farmers Union	33	6-1- 66	4-26-1926	18.7	L. A. di
375	Middleton Water	Farmers Union	65	6-1- 77	5-6- 1926	20	H. D. Pe
384	Middleton Water	Farmers Union	65	6-1- 77	5-6- 1926	10	A. G. di
385	Middleton Water	Farmers Union	65	6-1- 77	7-6- 1926	20	Mary F.
386	Middleton Water	Farmers Union	65	6-1- 77	7-8- 1926	13.3	H. E. Mc
387	Middleton Water	Farmers Union	65	6-1- 77	7-8- 1926	20	H. W. Be
391	Middleton Mill	Farmers Union	65	6-1- 77	7-8- 1926	20	E. E. Sm
392	Middleton Water	Ridenbaugh	65	6-1- 77	8-13-1926	7.5	Rush Chas
393	Middleton Mill	Farmers Union	65	6-1- 77	8-21-1926	20	Fred Egge
393	Middleton Mill	Farmers Union	3	6-1- 64)			
393	Middleton Mill	Farmers Union	54	6-1- 61)	9-15-1926	14.4	A. C. Bow
393	Middleton Mill	Farmers Union	120	6-1- 91)			
395	Middleton Water	Farmers Union	65	6-1- 77	11-16-1926	25	G. R. Wec
412	Thurman	Settlers'		6-1- 82	12-2- 1927	20	Chas. P.
430	Farmers Union	Settlers'	65	6-1- 77	7-2- 1928	12.5	J. A. Fet
466	Ridenbaugh	New York	106	8-20-88	7-6- 1929	445	T. H. Tul
468	Settlers'	Settlers'	65	6-1- 77	7-12-1929	5	C. C. No
477	Settlers'	Settlers'		10-12-84	11-18-1929	10	Chas. N.
483	Settlers'	Settlers'		10-13-84	4-7- 1930	3	Frank P.
512	Jacobs Canal	Farmers Union	2	6-1- 64	5-27-1932	50	W. Scott
513	Jacobs Canal	Farmers Union	2	6-1- 64	5-27-1932	25	Farmers
530	Jacobs Ditch	Farmers Union	1	6-1- 64	5-15-1934	15	A. B. Wh
542	Farmers Union	Farmers Union	2	6-1- 64	12-31-1934	34.37	Federal
595	Jacobs Canal	Nampa-Meridian	1	6-1- 64	9-9- 1938	15	Boise Tr
595	Jacobs Canal	Settlers'	1	6-1- 64	9-9- 1938	15	Boise Tr
603	Riverside	Pioneer Dixie	88	6-1- 83	4-29-1940	50	W. F. Tr
644	Riverside	Pioneer Dixie	88	6-1- 83	11-12-1942	35	S. E. Sm
654	Consumers	Settlers	30	5-1-66	10-18-1943	25	W. W. Ho
654	Consumers	Settlers	30	5-1-66	10-18-1943	50	W. W. Ho
654	Consumers	Settlers	30	5-1-66	10-18-1943	25	W. W. Ho
660	Riverside	Pioneer-Dixie	88	6-1-63	4-11-1944	30	D. W. Es
694	Consumers	Settlers	30	5-1-66	4-29-1946	8	W. W. Ho
694	Consumers	Settlers	30	5-1-66	4-29-1946	6	W. W. Ho

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

Date	Date of Transfer	Quantity In Inches	By Whom Transferred	Remarks
7-17-84	3-16-1909)	15	Walter S. Bruce	
1- 91	3-16-1909)			
1- 87	4-19-1909	100	C. H. Rosenberger	Change in point of diversion only.
1- 87	9-1- 1909	605	Wm. M. Messler	
	2-5- 1910	10	J. E. Moore	
1- 66	2-4- 1910	112	Barber Lumber Co.	
1- 87	3-18-1910	1475	American Ditch Association	Change in point of diversion only.
1- 88	3-31-1910	210	Nichols & Cooper	Change in point of diversion only.
	6-7- 1910	20	J. D. Cleek	
1- 87	11-14-1910	50	J. A. Cartright	
1- 65	3-14-1911	40	J. D. Roland	Change in point of diversion only.
1- 65	9-18-1912	25	H. E. Meek	
1- 87	11-25-1912	60	H. L. Randall & Others	
1- 64	11-25-1912)	1017	H. L. Randall & Others	
1- 69	11-25-1912)			
1- 64	6-8- 1914	1000	Boise Fruit Tract Co.	
	7-15-1918	432	Pioneer Irrig. District	Licensed Right Indian Creek
4- 20	4-20-1921	17.5	Emma W. Fowler	
	4-20-1921	72	John F. Groome	
1- 64	2-6- 1925	7	C. E. White	
1- 64	2-6- 1925	7	Frank Weasel	
1- 64	2-6- 1925	7	Carl A. Gish	
1- 77	5- -1925	10	Nellie B. Whitaker	
1- 66	3-16-1926	56.2	Henry W. Bartlett	
1- 66	4-28-1926	18.7	L. A. Rice	
1- 77	5-6- 1926	20	H. D. Parks	
1- 77	5-6- 1926	10	A. G. Wine	
1- 77	7-6- 1926	20	Mary F. Leach	
1- 77	7-8- 1926	13.3	H. B. McConnell	
1- 77	7-8- 1926	20	H. W. Bartlett	
1- 77	7-8- 1926	20	E. E. Smith	
1- 77	8-13-1926	7.5	Rush Chase	
1- 77	8-21-1926	20	Fred Eggers	
1- 54)				
1- 61)	9-15-1926	14.4	A. C. Bowerman	
1- 91)				
1- 77	11-16-1926	25	G. R. McGuire	
1- 82	12-2- 1927	20	Chas. P. Nace	
1- 77	7-2- 1928	12.5	J. A. Peterson	Formerly Middleton Water.
8-20-38	7-6- 1929	445	W. H. Tuller	
1- 77	7-12-1929	5	C. C. Wood	
10-12-84	11-18-1929	10	Chas. N. Walker	
10-13-84	4-7- 1930	3	Frank P. Weasel	
1- 64	5-27-1932	50	W. Scott Anderson	
1- 64	5-27-1932	25	Farmers Union Ditch	
1- 64	5-15-1934	15	A. B. Whitney	
1- 64	12-31-1934	34.37	Federal Land Bank	
1- 64	9-9- 1938	15	Boise Trust Co.	Somermeir
1- 64	9-9- 1938	15	Boise Trust Co.	Falk
1- 83	4-29-1940	50	W. F. Tracy	
1- 83	11-12-1942	35	S. E. Smith	
5-1-66	10-18-1943	25	W. W. Howell	Larson Tract
5-1-66	10-18-1943	50	W. W. Howell	Hamming Tract
5-1-66	10-18-1943	25	W. W. Howell	Budge Tract
5-1-66	4-11-1944	30	D. W. Baldwin	
5-1-66	4-29-1946	8	W. W. Howell	Kenneth O. Earl
5-1-66	4-29-1946	6	W. W. Howell	L. R. Fewkes

TRANSFERS OF DECREEED RIGHTS ON BOISE RIVER

Number of Transfer	Point of Diversion		Priority		Date of Transfer	Quantity In Inches	
	From	To	No.	Date			
694	Consumers	Settlers	30	5-1-66	4-29-1946	7	W.
694	Consumers	Settlers	30	5-1-66	4-29-1946	13	W.

Chart No. 23-B

RS OF DECREEED RIGHTS ON BOISE RIVER

te	Date of Transfer	Quantity In Inches	By Whom Transferred	Remarks
-66	4-29-1946	7	W. W. Howell	O. G. Stark
-66	4-29-1946	13	W. W. Howell	G. W. Kyle

STEWART DECREE.

No.	Date	Name	Amt. Decreed		No.	Date	Name	Amt. Decreed		No.	Date	Name	Amt. Decreed	
			Sec. Ft.	Inches				Sec. Ft.	Inches				Sec. Ft.	Inches
1	6-1-64	Thomas Davis	2.20	110	46	6-1-69	Mason Creek Ditch Co.	37.20	1860	91	6-1-84			
2	6-1-64	Jacobs Canal Co.	20.00	1000	47	6-1-69	T.W. Boone	3.50	175	92	10-17-84			
3	6-1-64	Middleton Mill Ditch	12.80	640	48	6-1-70	W.J. Hamming	2.60	130	93	6-1-86			
4	6-1-64	Thomas Andrews	3.30	165	49	6-1-70	Pioneer Canal	25.72	1286	94	6-1-86			
5	6-1-64	Catlin & Mace	2.86	143	50	6-1-69	Barber Lumber Co.	2.24	112	95	1-23-87			
6	6-1-64	T.C. Catlin	3.30	165	51	6-1-70	Thomas Andrews	1.30	65	96	10-1-87			
7	6-1-64	C.C. Havard	3.30	165	52	6-1-71	Catlin & Mace	7.86	393	97	6-1-88			
8	6-1-64	Pioneer Dixey Ditch Co.	20.00	1000	53	6-1-71	Peter Meeras	1.80	90	98	6-1-88			
9	6-1-65	Seibenberg Ditch Co.	13.42	671	54	6-1-71	Middleton Mill Ditch Co.	33.70	1685	99	6-1-88			
10	6-1-65	Allen K. Webster	1.20	60	55	6-1-72	J.F. Yaryan	.70	35	100	6-1-88			
11	6-1-65	J.F. Yaryan	.66	33	56	6-1-72	J.F. Yaryan	1.40	70	101	6-1-88			
12	6-1-65	Graham & Gilbert	4.40	220	57	6-1-72	Mary C. Davis	4.40	220	102	6-1-88			
13	6-1-65	Eureka Water Co.	33.32	1666	58	6-1-72	Edward N. Hart	3.30	165	103	6-1-88			
14	6-1-65	New Union Ditch Co.	13.76	688	59	6-1-74	J.W. Boone	2.20	110	104	6-1-88			
15	6-1-65	Boise Valley Irrig. Ditch	54.58	2729	60	6-1-75	Farmers Cooperative Ditch Co.	10.00	500	105	7-1-88			
16	6-1-65	Ridenbaugh & Rossi	9.20	460	61	6-1-76	Edward & Mary Clark	2.30	115	106	8-20-88			
17	6-1-65	Ridenbaugh & Rossi (Powers)	265.80	13290	62	6-1-76	John Cecil	.44	22	107	5-1-89			
18	6-1-65	Denver Idaho Land Co.	.80	40	63	6-1-77	Thomas Aikens	5.20	260	108	5-1-89			
19	6-1-65	Martha Bowman	2.88	144	64	6-1-77	W.H. Conway	.90	45	109	5-1-89			
20	6-1-65	Bird Bowman	6.40	320	65	6-1-77	Middleton Water Co.	114.08	5704	110	5-1-89			
21	6-1-65	G.W. Bess	2.90	145	66	7-1-77	Perrault's Johnson Ditch	200.00	10000	111	5-1-89			
22	6-1-65	Robert McGuire	3.20	160	67	5-1-78	Nampa-Meridian Irrig. D.	170.00	8500	112	5-1-89			
23	6-1-65	C.W. Cooper	3.20	160	68	6-1-78	John Mammion	4.20	210	113	5-1-89			
24	6-1-65	J.W. Roland	2.40	120	69	6-1-78	Julia Mammion	3.36	168	114	5-1-89			
25	6-1-65	Draper & Wells	3.94	197	70	6-1-78	Charles Ellen	8.80	440	115	6-1-89			
26	6-1-65	Thomas J. Palmer	1.60	80	71	6-1-78	R.H. Stockton	4.40	220	116	6-1-89			
27	6-1-65	Noah W. Palmer	1.58	79	72	6-1-79	New Dry Creek Ditch Co.	31.32	1566	117	9-1-90			
28	6-1-65	J.N. Tucker	7.00	350	73	6-1-79	D. Mumford	4.00	200	118	6-1-91			
29	6-1-65	Thomas Andrews	6.00	300	74	6-1-80	Smith Stockton	1.76	88	119	6-1-91			
30	5-1-66	J. Perrault & R. Johnson	50.00	2500	75	6-1-80	Isam Joplin	2.40	120	120	1-1-91			
31	6-1-66	William P. Kennedy	2.60	130	76	10-20-80	Joseph Gable	.90	45	121	6-1-91			
32	6-1-66	Manville and Leonard	3.50	175	77	10-29-80	Franklin Ditch Co.	27.60	1380	122	6-1-91			
33	6-1-66	Boise City Canal Co.	38.06	1903	78	6-1-82	Allen V. Webster	.90	45	123	6-1-91			
34	6-1-66	Franklin Ditch Co.	15.40	770	79	6-1-82	Susie Campbell	.60	30	124	5-1-93			
35	6-1-67	Canyon Co. Water Co.	75.80	3790	80	6-1-82	J.T. Barber	1.60	80	125	6-1-94			
36	6-1-68	Martha E. McCarthy	14.10	705	81	6-1-82	Sonora Joplin	3.40	170	126	7-2-94			
37	6-1-68	H.D. & Dora Goodman	3.70	185	82	6-1-82	S.W. Hutchinson	.94	22	127	5-1-95			
38	6-1-68	T.T. Johnson	3.20	160	83	6-1-82	Johnson	.44	22	128	7-1-95			
39	6-1-68	Ross, Allen, Dilley & Ross	8.54	427	84	6-1-82	Andrew J. Joplin	2.86	143	129	7-1-96			
40	6-1-68	S.S. Gray	1.40	70	85	6-1-82	James L. Graham	2.20	110	130	10-1-99			
41	6-1-69	John Mammion	1.80	90	86	6-1-83	Farmers Cooperative Ditch	20.00	1000	131	3-23-00			
42	6-1-69	Isaac Bedal	1.60	80	87	6-1-83	Francis M. Joplin	.90	45	132	5-17-00			
43	6-1-69	Frederick Ode	3.60	180	88	6-1-83	W.H. Black	12.00	600	133	6-1-01			
44	6-1-69	Prior Burnett	8.50	425	89	11-9-83	Eureka Ditch Co. No. 2	21.70	1085	134	10-25-01			
45	6-1-69	Pioneer Dixey Ditch Co.	35.44	1772	90	6-1-84	Pioneer Irrig. District	53.10	2655	135	4-1-04			

• Indicates Rights supplied by return flow to River.

STEWART DECREE.

CHART 28.

Decreed Inches	No.	Date	Name	Amt. Decreed		No.	Date	Name	Amt. Decreed	
				Sec. Ft.	Inches				Sec. Ft.	Inches
110	46	6-1-69	Mason Creek Ditch Co.	37.20	1860	91	6-1-84	Riverside Irrig. Dist.	20.00	1000
1000	47	6-1-69	T. W. Boone.	3.50	175	92	10-17-84	Settlers Canal Co.	99.06	4953
640	48	6-1-70	W. J. Hamming	2.60	130	93	6-1-86	New Dry Creek Ditch	15.22	761
165	49	6-1-70	Pioneer Canal	25.72	1286	94	6-1-86	Thomas Davis	13.40	670
143	50	6-1-69	Barber Lumber Co.	2.24	112	95	1-23-87	W. C. L. E. Young	4.00	200
165	51	6-1-70	Thomas Andrews	1.30	65	96	10-1-87	American Ditch Assoc.	47.80	2390
165	52	6-1-71	Catlin & Mace	7.86	393	97	6-1-88	New Dry Creek Ditch Co.	7.86	393
1000	53	6-1-71	Peter Meeras	1.80	90	98	6-1-88	R. V. Linder	4.00	200
671	54	6-1-71	Middleton Mill Ditch Co.	33.70	1685	99	6-1-88	Leri Smith	1.20	65
60	55	6-1-72	J. F. Varyan	.70	35	100	6-1-88	Charlotte Calhoun	1.40	70
33	56	6-1-72	J. F. Varyan	1.40	70	101	6-1-88	Ed. J. Linder	1.46	73
220	57	6-1-72	Mary C. Davis	4.40	220	102	6-1-88	Lizzie Everett	1.20	60
1666	58	6-1-72	Edward K. Hart	3.30	165	103	6-1-88	Jessie Wilson	1.40	70
688	59	6-1-74	T. W. Boone	2.20	110	104	6-1-88	Thomas Andrews	.90	45
2729	60	6-1-75	Farmers Cooperative D. Co.	10.00	500	105	7-1-88	Farmers Coop. Ditch Co.	50.00	2500
460	61	6-1-76	Edward B. Mary Clark	2.30	115	106	8-20-88	Nampa Meridian Irrig. D.	370.84	18542
13290	62	6-1-76	John Cecil	.44	22	107	5-1-89	Chas. S. Miller	.06	3
40	63	6-1-77	Thomas Aikens	5.20	260	108	5-1-89	Lammis L. Haseley	.02	1
144	64	6-1-77	W. H. Conway	.90	45	109	5-1-89	S. B. J. Utter & C. B. Taylor	2.40	120
320	65	6-1-77	Middleton Water Co.	114.08	5704	110	5-1-89	South Boise Mutual Irrig. Co.	6.00	300
145	66	7-1-77	Perrault & Johnson	200.00	10000	111	5-1-89	Estate of J. H. Gallagher	2.94	147
160	67	5-1-78	Nampa Meridian Irrig. D.	170.00	8500	112	5-1-89	Anna H. Fogarty	.05	2
160	68	6-1-78	John Mammion	4.20	210	113	5-1-89	Grace Cull	.10	5
120	69	6-1-78	Julia Mammion	3.36	168	114	5-1-89	Samuel H. Confield	.03	1
197	70	6-1-78	Charles Ellen	8.80	440	115	6-1-89	Sonora Japlin	.06	3
80	71	6-1-78	R. H. Stockton	4.40	220	116	6-1-89	Sonora Japlin	1.20	60
79	72	6-1-79	New Dry Creek Ditch Co.	31.32	1566	117	9-1-90	Pioneer Irrig. District	200.00	10000
350	73	6-1-79	D. Mumford	4.00	200	118	6-1-91	W. H. Conway	2.20	110
300	74	6-1-80	Smith & Stockton	1.76	88	119	6-1-91	Thomas Davis	.54	27
2500	75	6-1-80	Isaham Japlin	2.40	120	120	1-1-91	Middleton Mill Ditch Co.	17.00	850
130	76	10-20-80	Joseph Goble	.90	45	121	6-1-91	Thomas Andrews	3.50	175
175	77	10-29-80	Franklin Ditch Co.	27.60	1380	122	6-1-91	Settlers Canal Co.	73.44	3672
1903	78	6-1-82	Allen K. Webster	.90	45	123	6-1-91	Thomas Aikens	.80	40
770	79	6-1-82	Susie Campbell	.60	30	124	5-1-93	Riverside Irrig. District	80.00	4000
3740	80	6-1-82	J. T. Barber	1.60	80	125	6-1-94	R. H. Stockton	1.76	88
705	81	6-1-82	Sonora Japlin	3.40	170	126	7-2-94	Farmers Union Ditch Co.	110.00	5500
185	82	6-1-82	S. W. Hutchinson	.44	22	127	5-1-95	Charles Rein & Jane Rein	1.00	50
160	83	6-1-82	Johnson	.44	22	128	7-1-95	Matthew Casey	.66	33
427	84	6-1-82	Andrew J. Japlin	2.86	143	129	7-1-96	Farmers Coop. Ditch Co.	83.50	4175
70	85	6-1-82	James L. Graham	2.20	110	130	10-1-99	Riverside Irrig. District	20.00	1000
90	86	6-1-83	Farmers Cooperative Ditch	20.00	1000	131	3-23-00	New York Canal Co.	219.10	10955
80	87	6-1-83	Francis M. Japlin	.90	45	132	5-17-00	Canyon Ditch Co.	10.00	500
180	88	6-1-83	W. H. Black	12.00	600	133	6-1-01	Riverside Irrig. District	70.00	3500
425	89	11-9-83	Eureka Ditch Co. No. 2	21.70	1085	134	10-25-01	Canyon Ditch Co.	5.84	277
1772	90	6-1-84	Panuelucia District	53.10	2655	135	4-1-04	Pioneer Irrig. District	56.34	2817

• Indicates Rights supplied by return flow to River.

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

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

* Subtract

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Chart No. 25

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

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

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

*Subtract

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

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

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

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

*Subtract

ART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

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

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Decree	Priority		Amount Decreed		
				No.	Date	Inches	Sec. Ft.	S
Ballantine			Stewart	98	6-1-1888	200	4.00	
			Stewart	99	6-1-1888	65	1.30	
			Stewart	100	6-1-1888	70	1.40	
			Stewart	101	6-1-1888	73	1.46	
			Stewart	102	6-1-1888	60	1.20	
			Stewart	103	6-1-1888	70	1.40	
			Stewart	123	6-1-1891	40	.80	
			Additional	66A	4-1-1878	40	.80	
			Additional	66C	4-1-1878	70	1.40	
			Additional	66D	4-1-1878	40	.80	
			Additional	85D	5-1-1883	37.53	.7506	
			Stewart	136	5-1-1906	17.8	.356	
	57		Stewart		6-1-1877	30	.60	
	64*		Stewart			10	.20*	
	161*		Stewart		6-1-1888	32.5	.65*	
	174*		Stewart	103	6-1-1888	12.	.24*	15.
Middleton Water			Stewart	65	6-1-1877	5704	114.08	
	36		Stewart	65	6-1-1867	19	.38	
	61		Stewart			33.5	.67	
	126		Stewart		6-1-1866	115	2.30	
	57*		Stewart	65	6-1-1877	30	.60*	
	84*		Stewart	65	6-1-1877	40	.80*	
		357*	Stewart	65	6-1-1877	10	.20*	
		374*	Stewart	65	6-1-1877	20	.40*	
		375*	Stewart	65	6-1-1877	10	.20*	
		384*	Stewart	65	6-1-1877	20	.40*	
		385*	Stewart	65	6-1-1877	13.3	.266*	
		386*	Stewart	65	6-1-1877	20	.40*	
		387*	Stewart	65	6-1-1877	20	.40*	
		392*	Stewart	65	6-1-1877	20	.40*	
		395*	Stewart	65	6-1-1877	25	.50*	112.8
Middleton Mill			Stewart	3	6-1-1864	640	12.80	
			Stewart	40	6-1-1868	70	1.40	
			Stewart	54	6-1-1871	1685	33.70	
			Stewart	120	6-1-1891	850	17.00	
	54		Stewart		6-1-1867	55.5	1.11	
	75*		Stewart			25	.50*	
		300*	Stewart			17.5	.35*	

*Subtract

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

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

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL READINGS

<u>Name of Canal</u>	<u>Change in P. of D.</u>	<u>Transfer</u>	<u>Decree</u>	<u>Priority</u>		<u>Amount Decr</u>	
				<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</u>
Middleton Mill (Cont'd)		301*	Stewart			72	1.44*
		347*	Stewart		6-1-1864	7	.14*
		349*	Stewart		6-1-1864	7	.14*
		350*	Stewart		6-1-1864	7	.14*
		391*	Stewart			7.5	.15*
		393*	Stewart			14.4	.288*
Pioneer			Stewart	49	6-1-1870	1286	25.72
Canyon County			Stewart	35	6-1-1867	3790	75.80
			Additional	35A	6-1-1867	88	1.76
	29		Stewart		6-1-1867	50	1.00
	59		Stewart	31	6-1-1866	130	2.60
	75		Stewart			25	.50
	36*		Stewart			17	.38*
	54*		Stewart			55.5	1.11*
Lemp Ditch			Additional	29A	1865	300	6.00
Conway & Hamming			Stewart	48	6-1-1870	130	2.60
				64	6-1-1877	45	.90
				118	6-1-1891	110	2.20
Thos. Aiken			Stewart	63	6-1-1877	260	5.20
Catlin & Mace			Stewart	5	6-1-1864	143	2.86
				52	6-1-1871	393	7.86
Hart & Davis			Stewart	6	6-1-1864	165	3.30
			Stewart	57	6-1-1872	220	4.40
			Stewart	58	6-1-1872	165	3.30
			Stewart			52	1.04*
	38*						
	39*						
Graham & Gilbert			Stewart	12	6-1-1865	220	4.40

*Subtract

Chart No. 25-D

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Area in Sq. Ft.	Transfer	Decree	Priority		Amount Decreed		Total Sec. Feet
			No.	Date	Inches	Sec. Ft.	
	301*	Stewart					
	347*	Stewart			72	1.44*	
	347*	Stewart		6-1-1864	7	.14*	
	350*	Stewart		6-1-1864	7	.14*	
	391*	Stewart		6-1-1864	7	.14*	
	393*	Stewart			7.5	.15*	
					14.4	.288*	62.862
		Stewart	49	6-1-1870	1286	25.72	25.72
		Stewart	35	6-1-1867	3790	75.80	
		Additional 35A		6-1-1867	88	1.76	
29		Stewart		6-1-1867	50	1.00	
50		Stewart	31	6-1-1866	130	2.60	
35		Stewart			25	.50	
36*		Stewart			19	.38*	
54*		Stewart			55.5	1.11*	80.17
		Additional 27A		1865	300	6.00	6.00
		Stewart	48	6-1-1870	130	2.60	
			64	6-1-1877	45	.90	
			118	6-1-1891	110	2.20	5.70
		Stewart	63	6-1-1877	260	5.20	5.20
		Stewart	5	6-1-1864	143	2.86	
			52	6-1-1871	393	7.86	10.72
		Stewart	6	6-1-1864	165	3.30	
		Stewart	57	6-1-1872	220	4.40	
		Stewart	58	6-1-1872	165	3.30	
38*		Stewart			52	1.04*	
27*							9.76
		Stewart	12	6-1-1865	220	4.40	4.40

Chart No. 25-D

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Page in of D.	Transfer	Decree	Priority		Amount Decreed		Total Sec. Feet
			No.	Date	Inches	Sec. Ft.	
	301*	Stewart					
	347*	Stewart			72	1.44*	
	349*	Stewart		6-1-1864	7	.14*	
	350*	Stewart		6-1-1864	7	.14*	
	391*	Stewart		6-1-1864	7	.14*	
	393*	Stewart			7.5	.15*	
					14.4	.288*	62.862
		Stewart	49	6-1-1870	1286	25.72	25.72
		Stewart	35	6-1-1867	3790	75.80	
		Additional 35A		6-1-1867	88	1.76	
29		Stewart		6-1-1867	50	1.00	
59		Stewart	31	6-1-1866	150	2.60	
75		Stewart			25	.50	
36*		Stewart			19	.38*	
54*		Stewart			55.5	1.11*	80.17
		Additional 29A		1865	300	6.00	6.00
		Stewart	48	6-1-1870	130	2.60	
			64	6-1-1877	45	.90	
			113	6-1-1891	110	2.20	5.70
		Stewart	63	6-1-1877	260	5.20	5.20
		Stewart	5	6-1-1864	143	2.86	
			52	6-1-1871	393	7.86	10.72
		Stewart	6	6-1-1864	165	3.30	
		Stewart	57	6-1-1872	220	4.40	
		Stewart	58	6-1-1872	165	3.30	
		Stewart			52	1.04*	
38*							9.96
39*							
		Stewart	12	6-1-1865	220	4.40	4.40

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

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

*Subtract

Chart No. 25-E

STEWART AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

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

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

<u>Name of Canal</u>	<u>Change in P. of D.</u>	<u>Transfer</u>	<u>Decree</u>	<u>Priority</u>		<u>Amount Decreed</u>		<u>Total Sec.</u>
				<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</u>	
Canyon Ditch Co.			Stewart	132	5-17-1900	500	10.00	
		381	Stewart	134	10-25-1901	277	5.54	
		105	Stewart	96	10-1-1887	605	12.10	
			Stewart	9	6-1-1865	25	.50	28
Siebenberg		105*	Stewart	9	6-1-1865	671	13.42	
			Stewart	9	6-1-1865	25	.50*	12
Riverside Irrig.			Stewart	88	6-1-1883	600	12.00	
			Stewart	91	6-1-1884	1000	20.00	
			Stewart	95	1-23-1887	200	4.00	
			Stewart	124	5-1-1893	4000	80.00	
			Stewart	130	10-1-1899	1000	20.00	
			Stewart	133	6-1-1901	3500	70.00	
			Additional	77A	4-15-1882	184	3.68	
			Additional	116A	6-1-1890	36	.72	
			Additional	116B	6-1-1890	65	.10	
			Additional	116C	6-1-1890	20	.40	
	35					100	2.00	
			Bryan		4-1-1910	3189	63.78	
					4-1-1914	885	17.70	294.
Pioneer-Dixie			Stewart	8	6-1-1864	1000	20.00	
			Stewart	45	6-1-1869	1772	35.44	
		36	Stewart	96	10-1-1887	100	2.00	
		48	Stewart	96	10-1-1887	210	4.20	
		111*	Stewart			1017	20.34*	
		62*	Stewart			50	1.00*	40.3
Eureka No. 2			Stewart	89	11-8-1883	1085	21.70	
		47	Stewart	96	10-1-1887	1475	29.50	
		62	Stewart	96	10-1-1887	50	1.00	
		71	Stewart	24	6-1-1865	40	.80	
		85	Stewart			25	.50	
		111*	Stewart	96		60	1.20*	52.

*Subtract

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Change in of D.	Transfer	Decree	Priority		Amount Decreed		
			No.	Date	Inches	Sec. Ft.	Total Sec. Feet
35	381 105	Stewart	132	5-17-1900	500	10.00	28.14
		Stewart	134	10-25-1901	277	5.54	
		Stewart	96	10-1-1887	605	12.10	
		Stewart	9	6-1-1865	25	.50	
	105*	Stewart	9	6-1-1865	671	13.42	12.92
		Stewart	9	6-1-1865	25	.50*	
		Stewart	88	6-1-1883	600	12.00	294.38
		Stewart	91	6-1-1884	1000	20.00	
		Stewart	95	1-23-1887	200	4.00	
		Stewart	124	5-1-1893	4000	80.00	
		Stewart	130	10-1-1899	1000	20.00	
		Stewart	133	6-1-1901	3500	70.00	
		Additional	77A	4-15-1882	184	3.68	
		Additional	116A	6-1-1890	36	.72	
		Additional	116B	6-1-1890	65	.10	
		Additional	116C	6-1-1890	20	.40	
		Bryan		4-1-1910	100	2.00	
				4-1-1914	3189	63.78	
	36 48 111* 62*	Stewart	8	6-1-1864	885	17.70	
		Stewart	45	6-1-1869	1000	20.00	
		Stewart	96	10-1-1887	1772	35.44	
		Stewart	96	10-1-1887	100	2.00	
	47 62	Stewart	96	10-1-1887	210	4.20	40.30
		Stewart	96	10-1-1887	1017	20.34*	
	71 85 111*	Stewart	96	10-1-1887	50	1.00	52.30
		Stewart	96	10-1-1887	1475	29.50	
		Stewart	96	10-1-1887	50	1.00	
		Stewart	24	6-1-1865	40	.80	
		Stewart	96	6-1-1865	25	.50	
		Stewart	96	6-1-1865	60	1.20*	

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

<u>Name of Canal</u>	<u>Change in P. of D.</u>	<u>Transfer</u>	<u>Decree</u>	<u>Priority</u>		<u>Amount Decreed</u>		<u>To Sec.</u>
				<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</u>	
Upper Cen. Point	85*	71*	Stewart	23	6-1-1865	160	3.20	
			Stewart	24	6-1-1865	120	2.40	
			Stewart	25	6-1-1865	197	3.94	
			Stewart	26	6-1-1865	80	1.60	
			Stewart	27	6-1-1865	79	1.58	
			Stewart			40	.80*	
			Stewart			25	.50*	11.
Lower Center Point	50* 50*		Stewart	19	6-1-1865	144	2.88	
			Stewart	22	6-1-1865	160	3.20	
			Stewart	38	6-1-1868	160	3.20	
			Stewart	43	6-1-1869	180	3.60	
			Stewart	73	6-1-1879	200	4.00	
			Stewart	20	6-1-1865	320	6.40	
			Stewart	21	6-1-1865	145	2.90	
			Stewart	19	6-1-1865	144	2.88*	
			Stewart	20	6-1-1865	320	6.40*	16.
Bowman & Swisher	50 51 127*		Stewart	19	6-1-1865	144	2.88	
			Stewart	20	6-1-1865	320	6.40	
			Stewart		6-1-1865	40	.80*	8.
Mammon			Stewart	41	6-1-1869	90	1.80	
			Stewart	68	6-1-1878	210	4.20	
			Stewart	69	6-1-1878	168	3.36	9.3
Haas Ditch			Stewart	39	6-1-1868	427	8.54	
			Stewart	70	6-1-1878	440	8.80	17.
Island High Line			Additional	71A	4-1-1879	150	3.00	
			Additional	137A	4-1-1910	350	7.00	
			Additional	139	4-1-1915	500	10.00	20
Larsen-Baxter-Lemp	127		Additional	75A	1880	40	.80	
				127	6-1-1865	160	3.20	4

*Subtract

Chart No. 25-G

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

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

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

<u>Name of Canal</u>	<u>Change in P. of D.</u>	<u>Transfer</u>	<u>Decree</u>	<u>Priority</u>		<u>Amount Decreed</u>		
				<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</u>	<u>Sec</u>
Boone Ditch			Stewart	28		350	7.00	
			Stewart	47		175	3.50	
			Stewart	59		110	2.20	
Andrews Ditch			Stewart	4	6-1-1864	165	3.30	
			Stewart	29	6-1-1865	300	6.00	
			Stewart	51	6-1-1870	65	1.30	
			Stewart	104	6-1-1888	45	.90	
			Stewart	121	6-1-1891	175	3.50	
			Stewart	44	6-1-1869	425	8.50	21
Parma Ditch			Stewart	71	6-1-1878	220	4.40	
			Stewart	74	6-1-1880	88	1.76	
			Stewart	125	6-1-1894	88	1.76	
			Stewart	77A	6-1-1881	80	1.60	
			Stewart	77B	6-1-1881	17	.34	
			Stewart	77C	6-1-1881	40	.80	
			Stewart	77D	6-1-1881	65	1.30	11
O'Donnell Ditch			Stewart	114A	5-1-1889	80	1.60	
			Stewart	114B	5-1-1889	40	.80	

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

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

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

<u>No.</u>	<u>Name</u>	<u>River Section</u>	<u>100% of Decree</u>	<u>75% of Decree</u>	<u>60% of Decree</u>	<u>Flow Necessary To Fill to 60%</u>	<u>Flow Necessary To Fill to 75%</u>
1	Thomas Davis	1					
2	Jacobs Canal Co.*	1	2.20	1.65	1.32		1152.58
3	Middleton Mill Ditch Co.	1	20.00	20.00	20.00		
4	Thomas Andrews	1	12.80	9.60	7.68		1154.50
5	Catlin & Mace	3	3.30	2.47	1.98		
6	T. C. Catlin	1	2.86	2.15	1.71		1154.93
7	C. C. Havird	1	3.30	2.47	1.98		1155.43
8	Pioneer Dixie Ditch Co.	1	3.30	2.47	1.98		1155.93
8A	Adolph Bahler	2	20.00	15.00	12.00		
8B	First Nat'l. Bank of Pueblo	1	.80	.60	.48		1156.05
9	Siebenberg	1	1.80	1.35	1.08		1156.32
10	Allen V. Webster	2	13.42	10.07	8.05		
11	J. F. Yaryan	1	1.20	.90	.72		1156.50
12	Graham & Gilbert	1	.66	.49	.40		1156.60
13	Eureka Water Co.	1	4.40	3.30	2.64		1157.26
14	New Union Ditch Co.	1	33.32	24.99	19.99		1162.26
15	Boise Valley Irrigation Co.	1	13.76	10.32	8.26		1164.32
16	Ridenbaugh & Rossi	1	54.58	40.94	32.75		1172.51
17	Ridenbaugh & Rossi (Power)	1	9.20	6.90	5.52		1173.89
18	Denver & Idaho Land Co.	1	.80	.60	.48		1174.01
19	Martha Bowman	2	2.88	2.16	1.73		
20	Bird Bowman	2	6.40	4.80	3.84		
21	G. W. Gess	2	2.90	2.18	1.74		
22	Robert McGuire	2	3.20	2.40	1.92		
23	C. W. Cooper	2	3.20	2.40	1.92		
24	J. W. Rowland	2	2.40	1.80	1.44		
25	Draper & Wells	2	3.94	2.96	2.36		
26	Thomas J. Palmer	2	1.60	1.20	.96		
27	Noah W. Palmer	2	1.58	1.19	.95		
28	J. N. Tucker	3	7.00	5.25	4.20		
29	Thomas Andrews	3	6.00	4.50	3.60		
29A	Louise Siomonson	1	6.00	4.50	3.60		1174.91
29B	S. G. Hardies & Amelia Easley	1	.50	.38	.30		1174.99
30	J. Perrault & R. Johnson*	1	50.00	50.00	50.00		
31	William P. Kennedy	1	2.60	1.95	1.56		1175.38
31A	Wm. Musser	1	2.30	1.73	1.38		1175.73
31B	Minnie & Jerry Couzens	1	.60	.45	.36		1175.82
31C	Albert C. Bowerman	1	1.10	.83	.66		1175.99
32	Manville & Leonard	1	3.50	2.63	2.10		1176.51
33	Boise City Canal Co.	1	38.06	28.55	22.83	22.83	1182.22
34	Franklin Ditch Co.	1	15.40	11.55	9.24	32.07	1184.53
35	Canyon County Water Co.	1	75.80	56.85	45.48	77.55	1195.90
35A	Ralph T. Knight	1	1.76	1.32	1.06	78.61	11 96.16
36	Martha E. McCarthy	1	14.10	10.58	8.46	87.07	1198.28

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

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

River Section	100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Flow Necessary To Fill to 75%	Flow Necessary To Fill to 100%
e.*	1	2.20	1.65	1.32		
Ditch Co.	1	20.00	20.00	20.00	1152.58	1465.17
	1	12.80	9.60	7.68		
	3	3.30	2.47	1.98	1154.50	1468.37
	1	2.86	2.15	1.71		
	1	3.30	2.47	1.98	1154.93	1469.09
	1	3.30	2.47	1.98	1155.43	1469.92
Ditch Co.	1	3.30	2.47	1.98	1155.93	1470.75
	2	20.00	15.00	12.00		1475.75
	1	.80	.60	.48	1156.05	1475.95
ank of Pueblo	1	1.80	1.35	1.08	1156.32	1476.40
	2	13.42	10.07	8.05		1479.76
er	1	1.20	.90	.72	1156.50	1480.06
	1	.66	.49	.40	1156.60	1480.23
rt	1	4.40	3.30	2.64	1157.26	1481.33
e.	1	33.32	24.99	19.99	1162.26	1489.66
h Co.	1	13.76	10.32	8.26	1164.32	1493.10
rrigation Co.	1	54.58	40.94	32.75	1172.51	1506.75
ossal	1	9.20	6.90	5.52	1173.89	1509.05
ossal (Power)	1					
Land Co.	1	.80	.60	.48	1174.01	1509.25
	2	2.88	2.16	1.73		1509.97
	2	6.40	4.80	3.84		1511.57
	2	2.90	2.18	1.74		1512.30
	2	3.20	2.40	1.92		1513.10
	2	3.20	2.40	1.92		1513.90
	2	2.40	1.80	1.44		1514.50
	2	3.94	2.96	2.36		1515.48
ar	2	1.60	1.20	.96		1515.88
	2	1.58	1.19	.95		1516.27
	3	7.00	5.25	4.20		
	3	6.00	4.50	3.60		
	1	6.00	4.50	3.60	1174.91	1517.77
on	1	.50	.38	.30	1174.99	1517.90
e Amelia Easley	1	50.00	50.00	50.00		
t. Johnson*	1	2.60	1.95	1.56	1175.38	1518.55
edy	1	2.30	1.73	1.38	1175.73	1519.13
	1	.60	.45	.36	1175.82	1519.28
Cousens	1	1.10	.83	.66	1175.99	1519.56
rman	1	3.50	2.63	2.10	1176.51	1520.44
ard	1	38.06	28.55	22.83	1182.22	1529.96
al Co.	1	15.40	11.55	9.24	1184.53	1533.81
Co.	1	75.80	56.85	45.48	1195.90	1552.76
Water Co.	1	1.76	1.32	1.06	1196.16	1553.20
t	1	14.10	10.58	8.46	1198.28	1556.73
rthy	1					

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

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

<u>No.</u>	<u>Name</u>	<u>River Section</u>	<u>100% of Decree</u>	<u>75% of Decree</u>	<u>60% of Decree</u>	<u>Flow Necessary To Fill to 60%</u>	<u>Flow Necess To Fill to 7</u>
37	H. D. & Dora Goodman	1	3.70	2.78	2.22		
38	T. T. Johnson	2	3.20	2.40	1.92		1198.84
39	Ross, Allen, Dilley & Ross	3	8.54	6.41	5.12		
40	S. S. Gray	1	1.40	1.05	.84	90.13	1199.05
41	John Mammon	3	1.80	1.35	1.08		
42	Isaac Bedal	1	1.60	1.20	.96	91.09	1199.29
43	Frederich Ode	2	3.60	2.70	2.16		
44	Prior Burnett	3	8.50	6.38	5.10		
45	Pioneer Dixie Ditch Co.	2	35.44	26.58	21.26		
46	Mason Creek Ditch Co.	1	37.20	27.90	22.32	113.41	1204.87
47	T. W. Boone	3	3.50	2.63	2.10		
47A	Adolph Bahler	1	.80	.60	.48	113.89	1204.99
48	W. J. Hamming	1	2.60	1.95	1.56	115.45	1205.38
49	Pioneer Canal	1	25.72	19.29	15.43	130.88	1209.24
50	Barber Lumber Co.	1	2.24	1.68	1.34	132.22	1209.58
51	Thomas Andrews	3	1.30	.98	.78		
51A	S. G. Hardies & Amelia Eisley	1	1.00	.75	.60	132.82	1209.73
52	Catlin & Mace	1	7.86	5.90	4.72	137.54	1210.91
53	Peter Meeves	1	1.80	1.35	1.08	138.62	1211.18
54	Middleton Mill Ditch Co.	1	33.70	25.28	20.22	158.84	1216.24
55	J. F. Yaryan	1	.70	.53	.42	159.26	1216.35
56	J. F. Yaryan	1	1.40	1.05	.84	160.10	1216.56
57	Mary C. Davis	1	4.40	3.30	2.64	162.74	1217.22
58	Edward N. Hart	1	3.30	2.47	1.98	164.72	1217.72
59	T. W. Boone	3	2.20	1.65	1.32		
60	Farmer's Coop. Ditch Co.	2	10.00	7.50	6.00		
61	Edward & Mary Clark	1	2.30	1.73	1.38	166.10	1218.07
62	John Cecil	1	.44	.33	.26	166.36	1218.14
63	Thomas Aiken	1	5.20	3.90	3.12	169.48	1218.92
64	W. H. Conway	1	.90	.68	.54	170.02	1219.06
65	Middleton Water Co.	1	114.08	85.56	68.45	238.47	1236.17
66	Perrault & Johnson (Power)	1					
66A	J. S. Kraus	1	.80	.60	.48	238.95	1236.29
66B	H. E. Plain	1	.80	.60	.48	239.43	1236.41
66C	J. W. Kolander	1	1.40	1.05	.84	240.27	1236.62
66D	M. T. Griffith	1	.80	.60	.48	240.75	1236.74
67	Nampa-Meridian Irrig. Dist.	1	170.00	127.50	102.00	342.75	1262.24
68	John Mammon	3	4.20	3.15	2.52		
69	Julia Mammon	3	3.36	2.52	2.02		
70	Charles Allen	3	8.80	6.60	5.28		
71	R. H. Stockton	3	4.40	3.30	2.64		
71A	Island Highline Ditch Co.	3	3.00	2.25	1.80		
72	New Dry Creek Ditch Co.	1	31.32	23.49	18.79	361.54	1266.94
73	D. Mumford	2	4.00	3.00	2.40		

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

	<u>River</u> <u>Section</u>	<u>100% of</u> <u>Decree</u>	<u>75% of</u> <u>Decree</u>	<u>60% of</u> <u>Decree</u>	<u>Flow Necessary</u> <u>To Fill to 60%</u>	<u>Flow Necessary</u> <u>To Fill to 75%</u>	<u>Flow Necessary</u> <u>To Fill to 100%</u>
an	1	3.70	2.78	2.22		1198.84	1557.66
	2	3.20	2.40	1.92			1558.46
y & Ross	3	8.54	6.41	5.12			
	1	1.40	1.05	.84	90.13	1199.05	1558.81
	3	1.80	1.35	1.08			
	1	1.60	1.20	.96	91.09	1199.29	1559.21
	2	3.60	2.70	2.16			1560.11
	3	8.50	6.38	5.10			
ch Co.	2	35.44	26.58	21.26			1568.97
Co.	1	37.20	27.90	22.32	113.41	1204.87	1578.27
	3	3.50	2.63	2.10			
	1	.80	.60	.48	113.89	1204.99	1578.47
	1	2.60	1.95	1.56	115.45	1205.38	1579.12
	1	25.72	19.29	15.43	130.88	1209.24	1585.55
	1	2.24	1.68	1.34	132.22	1209.58	1586.11
	3	1.30	.98	.78			
melia Eisley	1	1.00	.75	.60	132.82	1209.73	1586.36
	1	7.86	5.90	4.72	137.54	1210.91	1588.33
	1	1.80	1.35	1.08	138.62	1211.18	1588.78
tch Co.	1	33.70	25.28	20.22	158.84	1216.24	1597.21
	1	.70	.53	.42	159.26	1216.35	1597.39
	1	1.40	1.05	.84	160.10	1216.56	1597.74
	1	4.40	3.30	2.64	162.74	1217.22	1598.84
	1	3.30	2.47	1.98	164.72	1217.72	1599.67
	3	2.20	1.65	1.32			
tch Co.	2	10.00	7.50	6.00			1602.17
ark	1	2.30	1.73	1.38	166.10	1218.07	1602.74
	1	.44	.33	.26	166.36	1218.14	1602.86
	1	5.20	3.90	3.12	169.48	1218.92	1604.16
	1	.90	.68	.54	170.02	1219.06	1604.39
Co.	1	114.08	85.56	68.45	238.47	1236.17	1632.91
on (Power)	1						
	1	.80	.60	.48	238.95	1236.29	1633.11
	1	.80	.60	.48	239.43	1236.41	1633.31
	1	.80	.60	.48	240.27	1236.62	1633.66
	1	1.40	1.05	.84	240.75	1236.74	1633.86
	1	.80	.60	.48			1676.36
rrig. Dist.	1	170.00	127.50	102.00	342.75	1262.24	
	3	4.20	3.15	2.52			
	3	3.36	2.52	2.02			
	3	8.80	6.60	5.28			
	3	4.40	3.30	2.64			
Ditch Co.	3	3.00	2.25	1.80			1684.19
tch Co.	1	31.32	23.49	18.79	361.54	1266.94	1685.19
	2	4.00	3.00	2.40			

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

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

Chart No. 26-B

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

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

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

<u>No.</u>	<u>Name</u>	<u>River Section</u>	<u>100% of Decree</u>	<u>75% of Decree</u>	<u>60% of Decree</u>	<u>Flow Necessary To Fill to 60%</u>	<u>Flow Necessary To Fill to 75%</u>
105	Farmers Coop. Ditch	2	50.00	37.50	30.00		
106	Nampa-Meridian Irr. Dist.	1	370.84	278.13	222.50		
107	Charles S. Miller	1	.06	.05	.04	733.38	1359.93
108	Lammis L. Hosley	1	.02	.015	.01	733.42	1359.93
109	S. J. Utter, & C. B. Taylor	1	2.40	1.80	1.44	733.43	1359.93
110	South Boise Mutual Irr. Co.	1	6.00	4.50	3.60	734.87	1360.29
111	Estate of J. H. Gallagher	1	2.94	2.21	1.76	738.47	1361.19
112	Anna H. Fogarty	1	.05	.04	.03	740.23	1361.63
113	Grace Call	1	.10	.08	.06	740.26	1361.63
114	Samuel H. Canfield	1	.03	.02	.02	740.32	1361.64
114A	Neil & Patrick O'Donnell	3	1.60	1.20	.96	740.34	1361.64
114B	Gus A. Barth	3	.80	.60	.48		
115	Sonora Joplin	1	.06	.05	.04	740.38	1361.64
116	Sonora Joplin	1	1.20	.90	.72	741.10	1361.82
116A	S. G. Hardies & Amelia Eisley	1	.84	.63	.50	741.60	1361.95
116A	Anna Spencer	2	.72	.54	.43		
116B	Willis Spencer	2	.10	.08	.06		
116C	Rebecca Bell	2	.40	.30	.24		
117	Pioneer Irr. Dist.	1	200.00	150.00	120.00	861.60	1391.97
118	W. H. Conway	1	2.20	1.65	1.32	862.92	1392.28
119	Thomas Davis	1	.54	.41	.32	863.24	1392.36
120	Middleton Mill Ditch	1	17.00	12.75	10.20	873.44	1394.91
121	Thomas Andrews	3	3.50	2.63	2.10		
122	Settlers Canal Co.	1	73.44	55.08	44.06	917.50	1405.93
123	Thomas Aiken	1	.80	.60	.48	917.98	1406.05
124	Riverside Irr. Dist.	2	80.00	60.00	48.00		
124A	W. D. Charters	1	1.00	.75	.60	918.58	1406.20
125	R. H. Stockton	3	1.76	1.32	1.06		
126	Farmers Union Ditch	1	110.00	82.50	66.00	984.58	1422.70
127	Charles Rein & James Keogh	1	1.00	.75	.60	985.18	1422.85
128	Mathew Casey	1	.66	.50	.40	985.58	1422.95
129	Farmers Coop. Ditch	2	83.50	62.63	50.10		
130	Riverside Irr. Dist.	2	20.00	15.00	12.00		
131	New York Canal Co.	1	219.10	164.33	131.46	1117.04	1455.82
132	Canyon Ditch Co.	2	10.00	7.50	6.00		
133	Riverside Irrig. Dist.	2	70.00	52.50	42.00		
134	Canyon Ditch Co.	2	5.54	4.16	3.32		
135	Pioneer Irr. Dist.	1	56.34	42.26	33.80	1150.84	1464.27
136	H. E. Wimer	1	.356	.27	.21	1151.05	1464.32
137	B. P. Weaverling	1	1.60	1.20	.96	1152.01	1464.56
137A	Island Highline Ditch Co.	3	7.00	5.25	4.20		
138	Wesley A. Mace	1	.40	.30	.24	1152.25	1464.62
139	Island Highline Ditch Co.	3	10.00	7.50	6.00		

(See Notes in front of report for further explanations)

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

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

or further explanations)

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

<u>Priority Date</u>	<u>Name</u>	<u>100% of Decree</u>	<u>75% of Decree</u>	<u>60% of Decree</u>	<u>Flow Necessary To Fill to 60%</u>	<u>Flow Necessary To Fill to 75%</u>	<u>Flow To Fill</u>
7-2-94	Farmers Union	54.46	40.85	32.68	2159.80	3922.75	43
3-23-00	New York Irrigation Dist.) Boise Kuna Irrig. Dist.)	58.86	44.15	35.32	2195.12	3931.58	43
12-14-03	United States of America	1354.58	1015.94	812.75	3007.87	4134.77	472
4-1-05	Pioneer Irrigation Dist.	306.56	229.92	183.94	3191.81	4180.75	480
4-1-05	Farmers Cooperative Ditch Co.	154.45	115.84	92.67	3284.48	4203.92	484
4-1-05	South Boise Mutual Ditch Co.	5.40	4.05	3.24	3287.72	4204.73	484
4-1-08	Pioneer Irrigation Dist.	54.50	40.88	32.70	3320.42	4212.91	485
6-1-09	United States of America	926.50	694.38	555.90	3876.32	4351.89	509
4-1-10	Riverside Irrigation Dist.	63.78	47.84	38.27	3914.59	4361.46	510
1-13-11*	United States of America (Arrowrock Storage)	8000.00					1310
4-1-14	Riverside Irrigation Dist.	17.70					1312

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

Chart No. 26-D

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

	<u>100% of Decree</u>	<u>75% of Decree</u>	<u>60% of Decree</u>	<u>Flow Necessary To Fill to 60%</u>	<u>Flow Necessary To Fill to 75%</u>	<u>Flow Necessary To Fill to 100%</u>
	54.46	40.85	32.68	2159.80	3922.75	4375.08
Dist.)	58.86	44.15	35.32	2195.12	3931.58	4387.80
ist.)						
erica	1354.58	1015.94	812.75	3007.87	4134.77	4728.45
Dist.	306.56	229.92	183.94	3191.81	4180.75	4805.09
Ditch Co.	154.45	115.84	92.67	3284.48	4203.92	4843.70
Ditch Co.	5.40	4.05	3.24	3287.72	4204.73	4845.05
Dist.	54.50	40.88	32.70	3320.42	4212.91	4858.68
erica	926.50	694.38	555.90	3876.32	4351.89	5090.31
n Dist.	63.78	47.84	38.27	3914.59	4361.46	5106.26
erica	8000.00					13106.26
ge)						
n Dist.	17.70					13123.96

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



