

**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



## C H A R T S

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<br>natural flow, etc. . . . .                     | 225.00      |
| Total value of services as fixed<br>by committee . . . . .                          | \$ 1,080.00 |
| Amount paid to Board of Control 10-1<br>for the limitation period of 1944 . . . . . | \$ 7,704.40 |

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<br>natural flow, etc. . . . .                  | <u>225.00</u> |
| Total value of services as fixed<br>by Committee . . . . .                       | \$ 1,030.00   |
| TOTAL COSTS TO WATER DISTRICT 12-A<br>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.

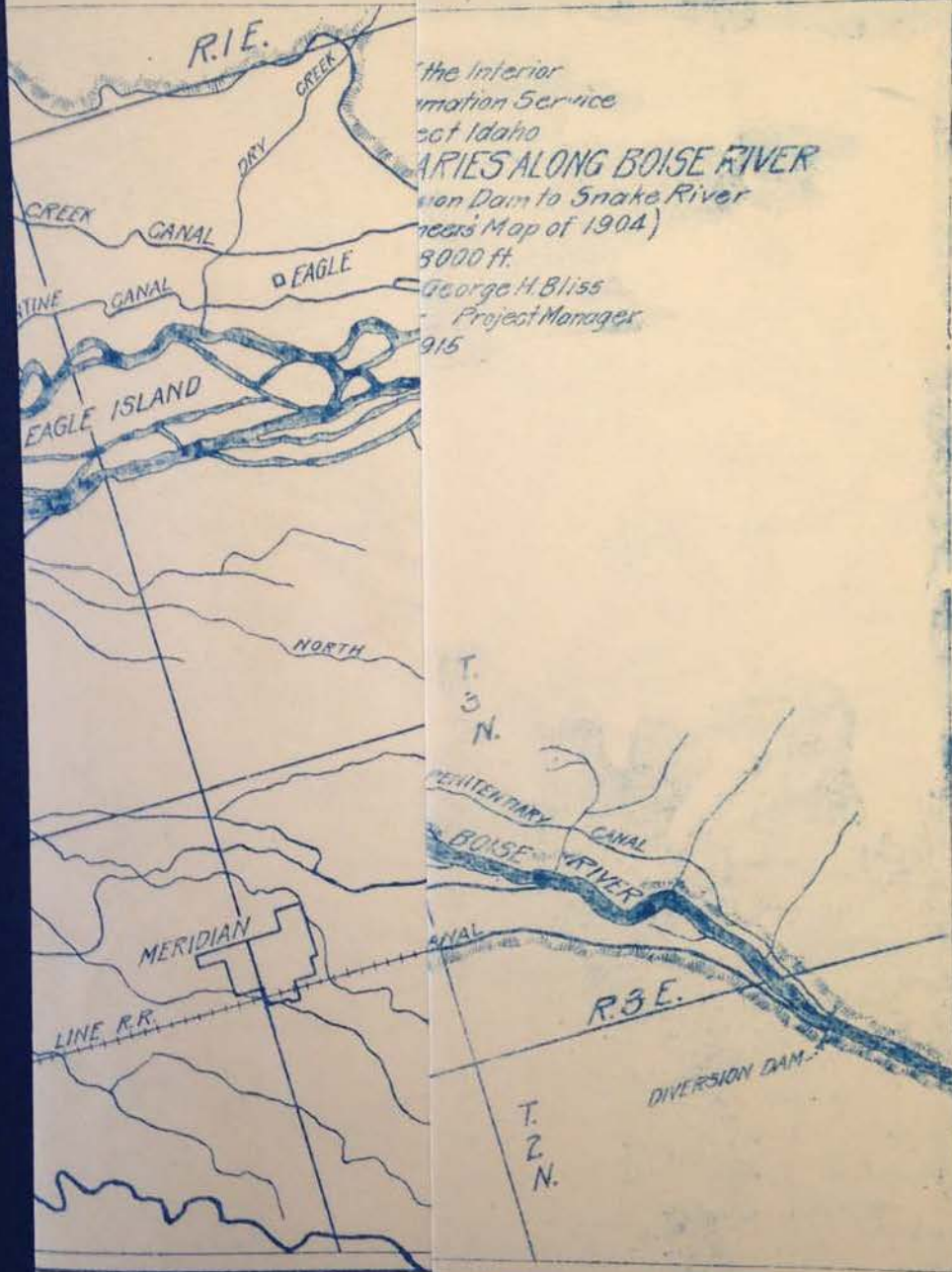
18. That Lucky Peak Dam and Reservoir, as recommended by the Army Engineers, seems to be the most logical answer to this flood problem.

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# 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 |



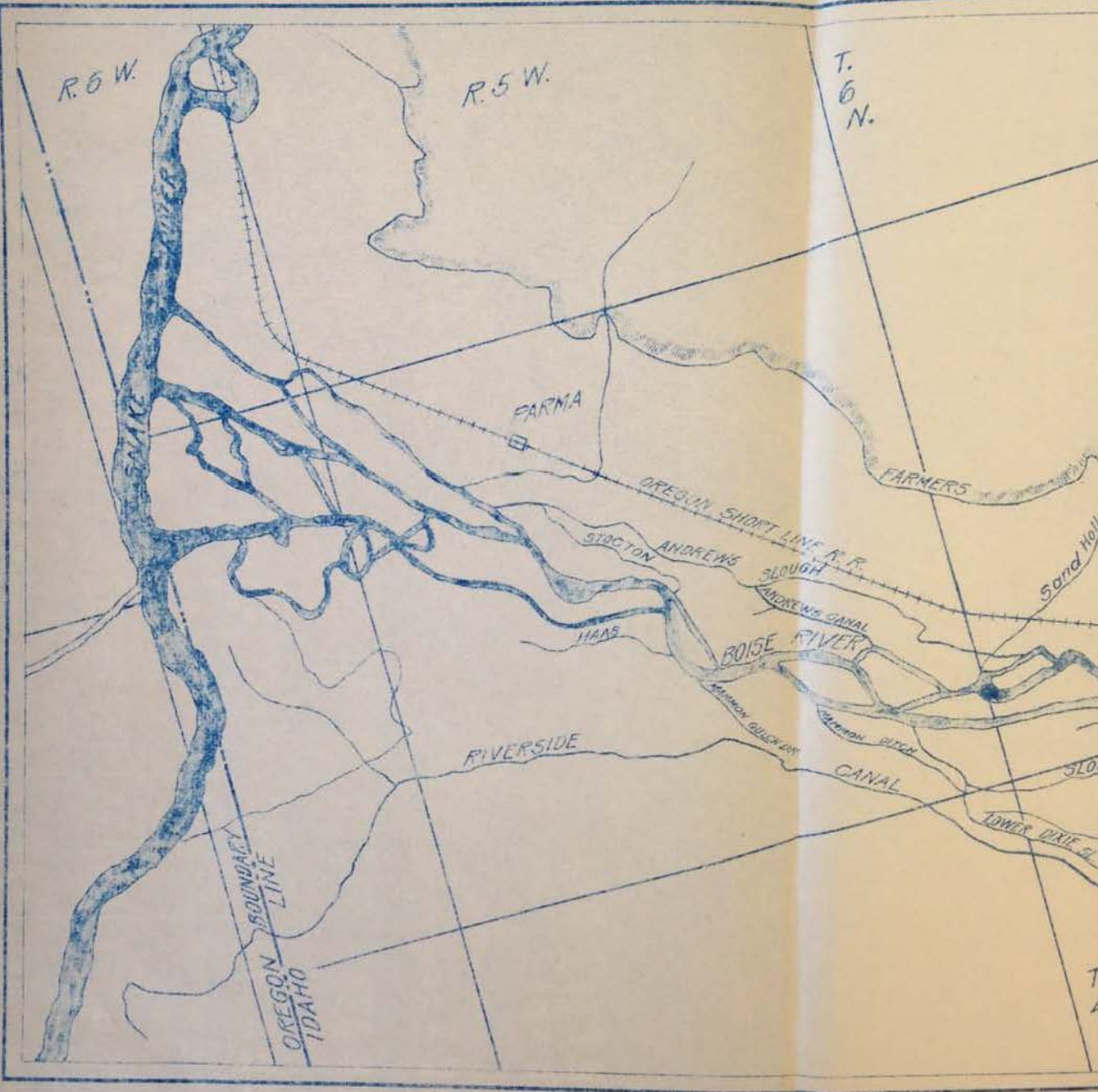
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|------|-----|------|------|------|------|------|-------|
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1895

1896



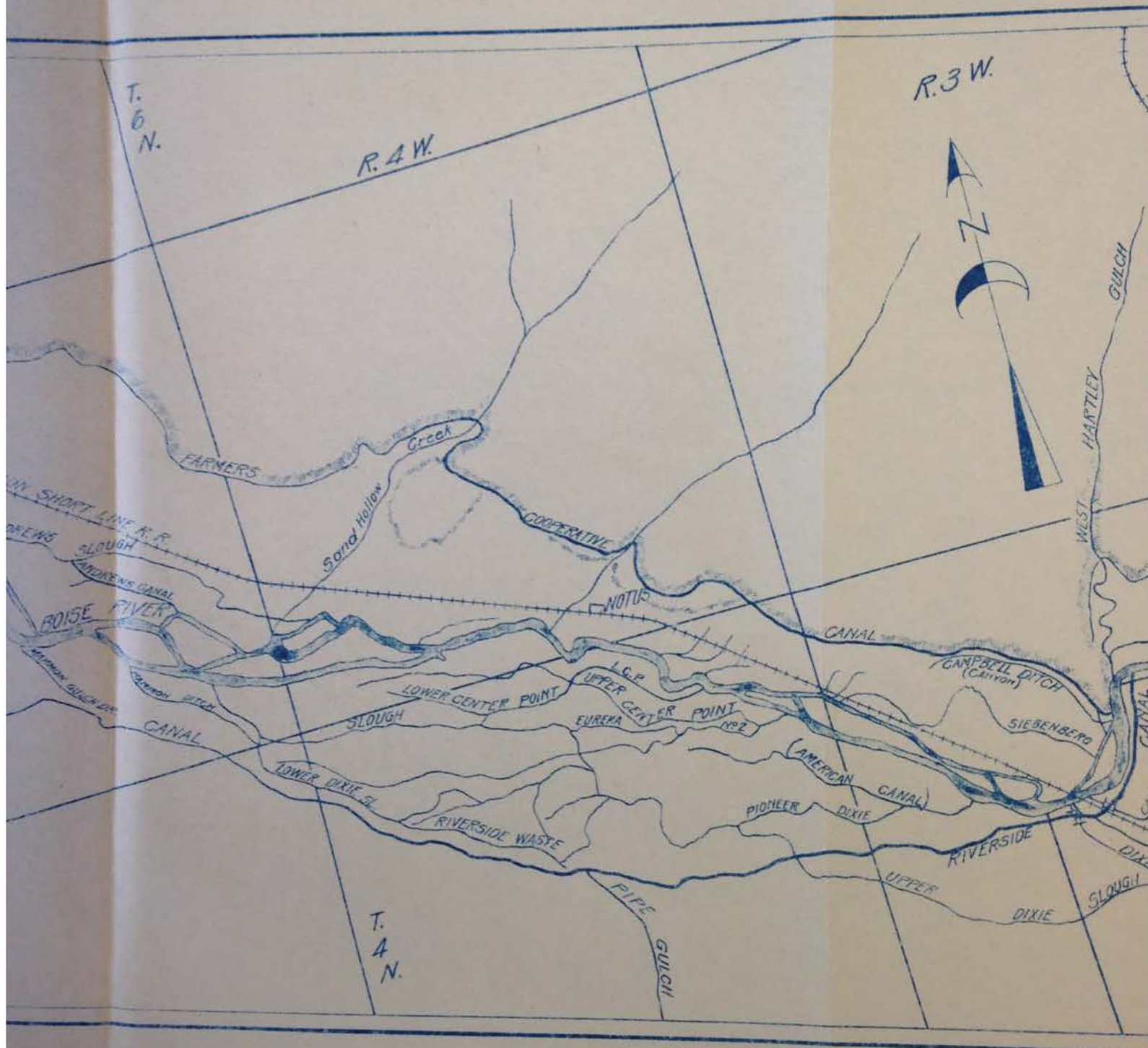
|      |    |     |     |      |      |      |        |
|------|----|-----|-----|------|------|------|--------|
| 1939 | 84 | 931 | 835 | 1258 | 1358 | 1255 | 33,746 |
| 1940 | 57 | 784 | 660 | 1058 | 848  | 823  | 26,118 |
|      |    |     |     | 711  | 808  | 843  | 26,929 |



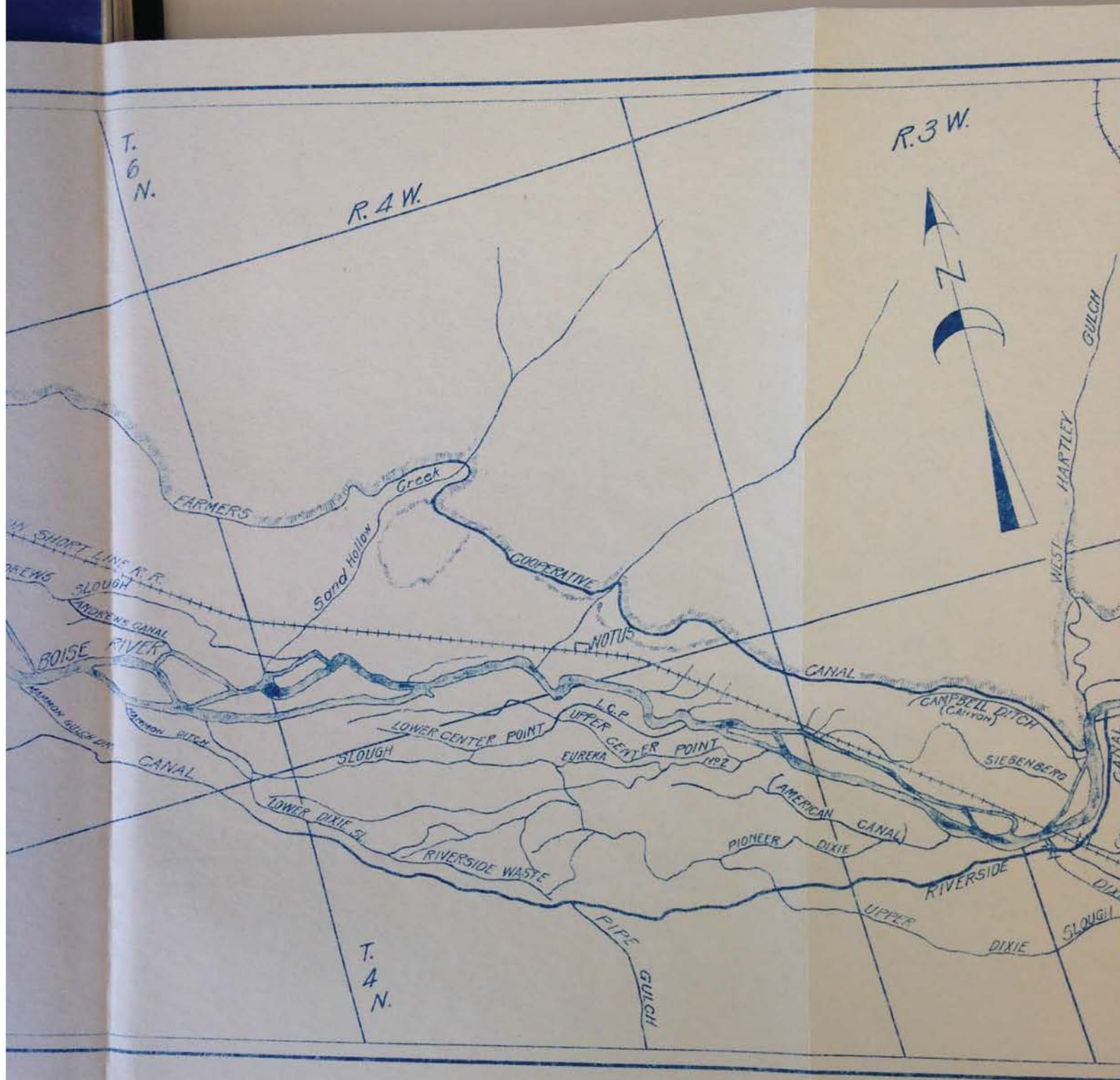
T. 6  
N.

R. 4 W.

R. 3 W.









R.3 W.

R.2 W.

T.5 N.



IDAHO NORTHERN RAILWAY

WEST HARTLEY GULCH

GULCH

CREEK

EAST HARTLEY

WILLOW

MIDDLETON

MIDDLETON SLOUGH

MASON (BIG SLOUGH)

BOISE

RIVER

SLOUGH

CALDWELL CANAL

PHYLLIS

CAMPBELL DITCH (CANYON)

SIEBENBERG

CANAL

CALDWELL DR.

CALDWELL

RIVERSIDE

DIXIE SLOUGH

DIXIE DRAIN

Indian

Greek

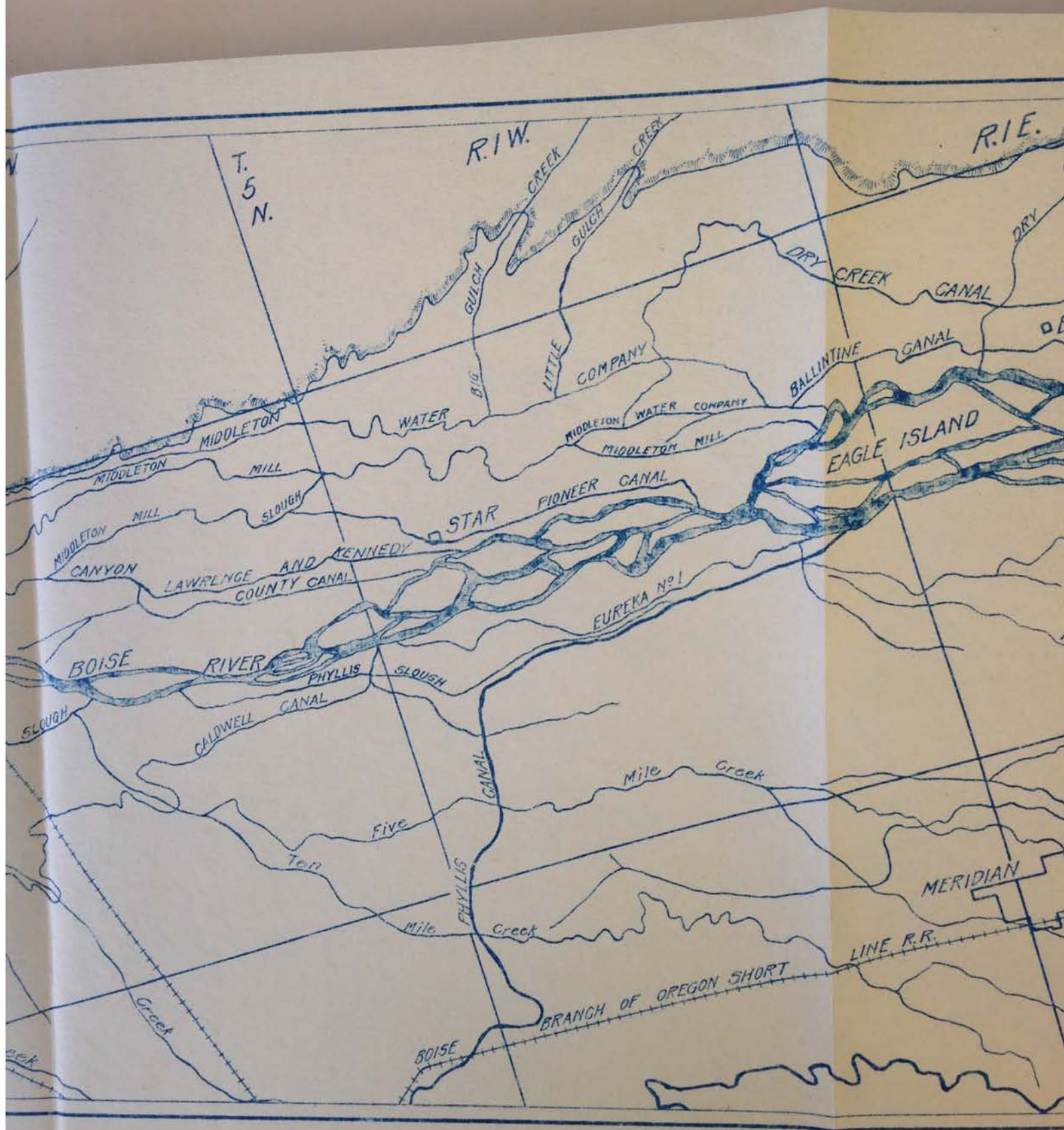
Greek

Ten

Fiv

MIDDLETON MILL  
MIDDLETON MILL  
MIDDLETON CANYON  
LAWRENCE AND KENN  
COUNTY CANAL



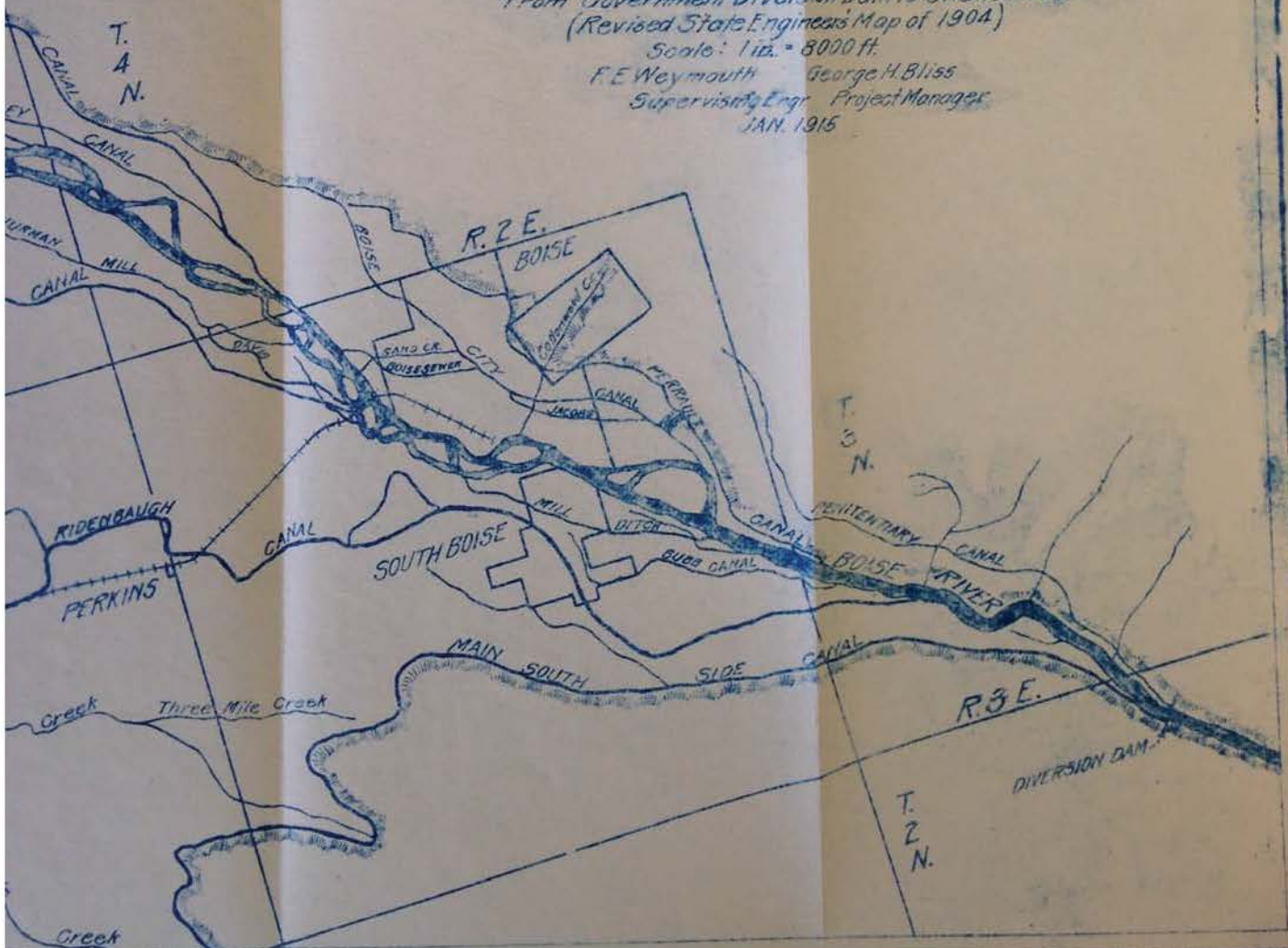








Department of the Interior  
 United States Reclamation Service  
 Boise Project Idaho  
**DIVERSIONS AND TRIBUTARIES ALONG BOISE RIVER**  
 From Government Diversion Dam to Snake River  
 (Revised State Engineers Map of 1904)  
 Scale: 1 in. = 8000 ft.  
 F.E. Weymouth George H. Bliss  
 Supervising 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  | 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 | 5569 | 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  | 8    |
| 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  | 6    |
| 1939 | 1221 | 925  | 1026 | 1014 | 1304 | 1021 | 812  | 686  | 481  | 822  | 794  | 6    |
| 1940 | 950  | 1031 | 1446 | 1447 | 1220 | 1014 | 864  | 660  | 872  | 1004 | 1128 | 6    |



| 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 | 1486 | 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 | 1010  | 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 | 1196 | 1138  | 1135  | 1280  | 1488  | 1788  | 1819  |
| 1260 | 1257 | 1293 | 1490 | 1569 | 1470 | 1534 | 1444  | 1393  | 1342  | 1443  | 1808  | 2109  |
| 3755 | 4010 | 4085 | 3895 | 4426 | 4168 | 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 | 1257 | 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 | 5709 | 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 | 13925 |
| 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- | 4859  | 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  | 6638  | 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 | 882  | 901  | 872  | 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  | 639  | 652  | 670  | 581  | 691  | 875  | 925  | 843  | 735  |    |        |
| 455  | 569  | 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  | 691  | 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  | 990   | 1200  | 1050 | 990  | 1060 | 990  | 1020 | 1120 |    |        |
| 865  | 830  | 865   | 900   | 935  | 970  | 1040 | 900  | 900  | 935  |    |        |
|      |      | 2130  |       | 1680 |      |      |      |      |      |    |        |
| 675  | 700  | 700   | 700   | 700  | 700  | 700  | 700  | 675  | 675  |    |        |
| 1240 | 1240 | 1060  | 960   | 960  | 920  | 920  | 920  | 845  | 810  |    |        |
| 965  | 900  | 930   | 965   | 1040 | 1070 | 1040 | 930  | 930  | 965  |    |        |
| 1120 | 1190 | 1080  | 1080  | 1020 | 930  | 870  | 755  | 650  | 960  |    |        |
| 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  | 13645   |
| 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   | Hidenbaugh              | 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 &amp; 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 &amp; 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.  | Eubb (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.  | Bubb (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             |        |        |        |        |        |        |
| 7.  | Consumers (Cruzen)       | 298    | 2810   | 2464   | 2616   | 2016   | 156    |
| 8.  | Boise City               | 240    | 1416   | 1494   | 1686   | 1206   | 103    |
| 9.  | Farmers Union            | 240    | 1772   | 1836   | 1770   | 1456   | 1394   |
| 10. | Boise Valley             | 678    | 7014   | 7945   | 8209   | 6222   | 5042   |
|     |                          | 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.  |        |        |        |        |        |        |
| 17. | 7 Eagle Island Canals    | 1002   | 3828   | 4948   | 4122   | 3348   | 2652   |
| 18. | Phyllis                  | 350    | 2896   | 2820   | 2578   | 1736   | 1680   |
| 19. | Eureka No. 1             | 9102   | 16356  | 18160  | 18820  | 14030  | 8204   |
| 20. | Caldwell High Line       | 328    | 1684   | 1812   | 1872   | 1250   | 1088   |
|     |                          | 1436   | 4868   | 3934   | 3892   | 3340   | 3260   |
| 21. | Farmers Coop.            |        |        |        |        |        |        |
| 22. | Campbell (Canyon)        | 3720   | 18794  | 18712  | 17042  | 11318  | 8078   |
| 23. | Siebertberg              | 186    | 1224   | 1070   | 1146   | 860    | 678    |
| 24. | Riverside No. 2          | 32     | 214    | 412    | 696    | 540    | 456    |
| 25. | Pioneer Dixie            | 304    | 10838  | 10590  | 9512   | 8556   | 8958   |
|     |                          | 96     | 4012   | 3190   | 2914   | 2686   | 2180   |
| 26. | Eureka No. 2             |        |        |        |        |        |        |
| 27. | Upper Center Point       | 150    | 3468   | 4218   | 3138   | 2588   | 1256   |
| 28. | Lower Center Point       | 92     | 1092   | 854    | 732    | 566    | 754    |
| 29. | Miscellaneous            | 208    | 880    | 782    | 650    | 664    | 600    |
|     |                          | 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    |
| e)        | 32     | 1544   | 1106   | 944    | 752    | 938       | 5316    |
|           | 6784   | 26250  | 26316  | 28010  | 25590  | 16992     | 129942  |
|           | 912    | 8152   | 9826   | 10048  | 7296   | 5772      | 42006   |
| en)       | 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    |
| itch Co.  | 472    | 4360   | 5468   | 4702   | 2788   | 2304      | 20094   |
| n         | 78     | 1288   | 912    | 624    | 382    | 422       | 3706    |
| s         | 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   |
| n)        | 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   |
| int       | 150    | 3468   | 4218   | 3138   | 2588   | 1256      | 14818   |
| int       | 92     | 1092   | 854    | 732    | 566    | 754       | 4090    |
|           | 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

#### New York Canal Diversions

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

#### Irrigation Requirements Below Diversion

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

#### Amount Passing Diversion Dam

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

#### Total

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

#### Summer Return Flow

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

#### Natural Flow Used

1,046,418 1,265,334 1,208,986 1,362,354 1,352,458 1,346,522

#### Combined with Board of Control



# 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 |
| 69,512  | 67,838  | 71,808  | 35,298  | 60,074  | 29,836  | 60,788  | 51,718  | 41,366  | 35,978  |
| 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 |
| 48,384  | 44,966  | 47,634  | 31,326  | 52,862  | 35,728  | 47,830  | 43,340  | 41,540  | 35,554  |
| 7,630   | 6,686   | 9,316   | 7,244   | 8,976   | 8,770   | 7,972   | 9,516   | 9,784   | 8,748   |
| 23,530  | 23,024  | 19,344  | 12,560  | 12,646  | 10,190  | 8,816   | 8,350   | 6,808   | 8,584   |
| 1,896   | 2,032   | 1,530   | 8,498   | 9,582   | 8,774   | 9,036   | 7,300   | 8,960   | 8,938   |
| 41,360  | 38,982  | 44,270  | 24,426  | 46,786  | 22,898  | 44,984  | 37,562  | 33,376  | 35,482  |
| 4,880   | 4,880   | 5,368   | 3,280   | 4,000   | 4,434   | 3,388   | 4,240   | 3,100   | 3,880   |
| 14,142  | 15,416  | 17,142  | 14,178  | 12,720  | 14,840  | 16,410  | 16,778  | 15,536  | 16,998  |
| 3,392   | 3,272   | 3,934   | 3,592   | 3,854   | 3,038   | 4,292   | 3,760   | 3,960   | 3,558   |
| 16,000  | 16,712  | 16,922  | 12,224  | 18,454  | 14,276  | 18,322  | 17,816  | 15,970  | 17,140  |
| 2,460   | 3,900   | 4,226   | 3,028   | 2,580   | 3,526   | 3,660   | 3,574   | 3,282   | 3,338   |
| 28,232  | 31,016  | 29,582  | 26,108  | 34,652  | 23,934  | 29,816  | 27,358  | 21,624  | 25,942  |
| 15,078  | 24,190  | 26,702  | 13,896  | 28,028  | 14,266  | 19,028  | 19,768  | 18,036  | 17,178  |
| 5,822   | 6,632   | 7,880   | 6,410   | 9,418   | 7,626   | 7,442   | 8,988   | 8,738   | 8,584   |
| 21,414  | 23,218  | 22,786  | 18,912  | 19,712  | 18,952  | 19,672  | 18,982  | 18,118  | 18,958  |
| 13,308  | 12,212  | 13,794  | 11,850  | 13,756  | 11,530  | 13,288  | 12,134  | 11,448  | 12,274  |
| 115,540 | 115,740 | 125,282 | 61,300  | 125,588 | 70,342  | 115,370 | 113,842 | 95,844  | 109,070 |
| 5,166   | 6,390   | 5,698   | 6,600   | 5,952   | 6,344   | 6,434   | 6,474   | 5,714   | 6,800   |
| 18,678  | 17,660  | 15,368  | 16,296  | 14,584  | 18,938  | 11,944  | 14,332  | 17,556  | 17,530  |
| 93,052  | 38,650  | 89,224  | 39,540  | 89,020  | 52,192  | 91,726  | 79,274  | 69,000  | 84,294  |
| 4,974   | 3,924   | 5,248   | 3,556   | 4,478   | 3,384   | 4,658   | 5,322   | 3,838   | 4,526   |
| 3,508   | 3,090   | 3,596   | 2,106   | 3,106   | 2,796   | 2,604   | 2,854   | 2,580   | 3,030   |
| 67,906  | 41,180  | 54,620  | 30,752  | 47,454  | 40,604  | 63,404  | 51,036  | 41,220  | 46,956  |
| 7,218   | 4,904   | 9,440   | 7,996   | 8,710   | 7,620   | 8,140   | 11,442  | 8,622   | 9,296   |
| 15,280  | 15,412  | 16,402  | 12,642  | 11,776  | 12,052  | 11,978  | 12,326  | 10,110  | 11,982  |
| 2,850   | 3,472   | 3,538   | 3,196   | 2,468   | 2,308   | 1,802   | 2,756   | 2,526   | 2,952   |
| 2,052   | 1,784   | 2,848   | 3,042   | 2,538   | 2,634   | 2,238   | 2,120   | 3,018   | 2,622   |
| 8,610   | 8,118   | 9,148   | 7,080   | 8,770   | 7,680   | 8,996   | 8,082   | 7,582   | 8,206   |

|         |           |           |           |           |           |           |           |           |           |           |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 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    |
| Sietenberg                              | 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  | 17  | 17  | 17  | 17  | 17  | 17  | 17  | 16  | 16  |    |
| 10 | 10  | 10  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 12  | 12  | 12  | 12  |    |
| 17 | 17  | 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  |    |
| 53 | 53  | 54  | 54  | 54  | 54  | 55  | 55  | 55  | 55  | 56  | 56  | 56  | 57  |    |
| 96 | 93  | 90  | 86  | 82  | 80  | 77  | 73  | 70  | 65  | 60  | 55  | 57  | 58  |    |
| 37 | 37  | 39  | 39  | 40  | 40  | 40  | 43  | 43  | 44  | 44  | 44  | 44  | 44  |    |
| 21 | 21  | 21  | 21  | 21  | 21  | 21  | 20  | 20  | 20  | 20  | 20  | 21  | 22  |    |
| 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  |    |
| 80 | 93  | 90  | 86  | 81  | 90  | 94  | 96  | 95  | 92  | 97  | 99  | 96  | 98  | 10 |
| 45 | 142 | 146 | 147 | 149 | 148 | 146 | 147 | 145 | 144 | 148 | 149 | 151 | 152 | 15 |
| 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  | 14  | 14  | 14  | 14  |     |
| 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  | 25  | 25  |     |
| 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  |     |
| 40 | 39  | 39  | 39  | 39  | 38  | 38  | 38  | 38  | 39  | 39  | 39  | 39  | 40  |     |
| 50 | 50  | 50  | 50  | 50  | 50  | 50  | 51  | 51  | 51  | 51  | 51  | 52  | 52  |     |
| 29 | 29  | 29  | 28  | 28  | 27  | 27  | 26  | 25  | 25  | 25  | 25  | 25  | 25  |     |
| 3  | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 6   | 6   | 6   | 6   | 6   |     |
| 12 | 12  | 12  | 11  | 11  | 11  | 11  | 11  | 11  | 10  | 10  | 10  | 10  | 10  |     |
| 75 | 74  | 74  | 74  | 73  | 73  | 73  | 72  | 72  | 72  | 72  | 73  | 73  | 73  |     |
| 80 | 128 | 127 | 129 | 131 | 132 | 129 | 131 | 131 | 132 | 132 | 133 | 133 | 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  | 1,000     |
| Deliveries to Canals         | 2,320 | 7,862 | 7,750 | 4,569 | 3,595  | 1,000     |
| Tributary Gain               | 208   | 421   | 524   | 459   | 424    | 1,000     |
| Seepage Gain                 | 79    | 358   | 448   | 455   | 251    | 1,000     |
| Net Gain                     | 287   | 779   | 972   | 914   | 675    | 1,000     |



## 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<br>Diverted | Acres<br>Irrigated | Acre Feet<br>Per Acre<br>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

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

SUMMARY TABLE

| Year | Canal<br>Diversions | Drain<br>Discharge | Used, Retained<br>and Winter runoff |
|------|---------------------|--------------------|-------------------------------------|
| 1922 | 6.38                | 2.90               | 3.48                                |
| 1923 | 6.95                | 2.99               | 3.96                                |
| 1924 | 5.03                | 2.59               | 2.44                                |
| 1925 | 6.21                | 2.42               | 3.79                                |
| 1926 | 4.92                | 1.97               | 2.95                                |
| 1927 | 6.28                | 2.62               | 3.66                                |
| 1928 | 6.08                | 2.78               | 3.30                                |
| 1929 | 5.46                | 2.27               | 3.19                                |
| 1930 | 5.97                | 2.61               | 3.36                                |
| 1931 | 5.06                | 1.99               | 3.07                                |
| 1932 | 5.73                | 2.36               | 3.37                                |
| 1933 | 5.09                | 2.36               | 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<br>Diversions | Drain<br>Discharge | Used, Retained<br>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<br>in Second Feet | 9.6   | 13.4  | 16.2  | 15.1  | 11.0   | 10.8      | 25.4    |
| Total Monthly Flow<br>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<br>in Second Feet | 10.0  | 13.2  | 18.5    | 23.6    | 23.0    | 20.6      | 36.4    |
| Total Monthly Flow<br>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<br>in<br>Acre Feet | Tabular<br>Differ-<br>ence | : | Elev. | Storage<br>in<br>Acre Feet | Tabular<br>Differ-<br>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<br>in<br>Acre Feet | Tabular<br>Differ-<br>ence | : | Elev. | Storage<br>in<br>Acre Feet | Tabular<br>Differ-<br>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<br>in<br>Acre Feet | Tabular<br>Differ-<br>ence | : | Elev. | Storage<br>in<br>Acre Feet | Tabular<br>Differ-<br>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.

Intervenors "Stewart Decree".

| Number | Date      | Name                         | Canal                   | Amount Decreed |         | Dept of File No |
|--------|-----------|------------------------------|-------------------------|----------------|---------|-----------------|
|        |           |                              |                         | Sec. Ft.       | Inches. |                 |
| 66A    | 4-1-1878  | J.S. Kraus                   | Ballantine              | .80            | 40.     | 373             |
| 129A   | 4-1-1897  | H.E. Plain                   | Dry Creek               | .54            | 27      | 373             |
| 66C    | 4-1-1878  | J.W. Kolander                | Ballantine              | 1.40           | 70      | 373             |
| 66D    | 4-1-1878  | M.T. Griffith                | Ballantine              | .80            | 40      | 373             |
| 73A    | 4-1-1880  | Goble + Songer               | Dry Creek               | .54            | 27      | 373             |
| 75A    | 6-1-1880  | C.B. Frank                   | Dry Creek               | .816           | 40.80   | 380             |
| 136    | 5-1-1906  | H.E. Wymer                   | Ballantine              | .356           | 17.80   | 325             |
| 85A    | 6-1-1882  | Leo Marsters                 | Warm Springs            | 1.60           | 80.     | 324             |
| 137    | 5-1-1909  | B.P. Weaverling              |                         | 1.60           | 80      | 294             |
| 138    | 6-14-1912 | Wesley A Mace                |                         | .40            | 20      | 293             |
| 85C    | 5-1-1883  | Wm Huckba                    | Dry Creek               | .203           | 10.15   | 321             |
| 85D    | 5-1-1883  | C.H. Schmelzer               | Ballantine              | .7506          | 37.53   | 320             |
| 85E    | 5-1-1883  | C.W. McCurg                  | Dry Creek               | .35            | 17.50   | 319             |
| 124A   | 5-1-1893  | W.D. Charters                | "                       | 1.00           | 50.     | 318             |
| 85B    | 4-1-1883  | Jacob Bingham                | Settlers                | 1.00           | 50.     | 317             |
| 77A    | 4-15-1882 | Roc Helms                    | Riverside Irrig D.      | 3.674          | 183.70  | 295             |
| 8A     | 4-1-1865  | Adolph Bahler                | Bahler                  | .80            | 40.     | 412             |
| 47A    | 4-1-1870  | "                            | "                       | .80            | 40      | 412             |
| 35A    | 6-1-1867  | Ralph T Knight               | Canyon County           | 1.76           | 88.     | 419             |
| 116A   | 6-1-1890  | Anna Spencer                 | Riverside Irrig D.      | .72            | 36      | 12A MISC.       |
| 116B   | 6-1-1890  | Willis B Spencer             | "                       | .10            | 5       | "               |
| 116C   | 6-1-1890  | Rebecca Bell                 | "                       | .40            | 20      | "               |
| 114A   | 5-1-1889  | Neil + Patrick O'Donnell     | O'Donnell + Barth       | 1.60           | 80      | 466             |
| 114B   | 5-1-1889  | Gus A Barth                  | "                       | .80            | 40      | 467             |
| 77A    | 6-1-1881  | Gus A Barth                  | Parma Ditch Co          | 1.60           | 80      | 467             |
| 77B    | 6-1-1881  | Charles Juries               | "                       | .34            | 17      | 467             |
| 77C    | 6-1-1881  | James Finlay                 | "                       | .80            | 40      | 467             |
| 77D    | 6-1-1881  | Lester J Shippey             | "                       | 1.30           | 65      | 467             |
| 31A    | 6-1-1866  | Wm. Musser                   | Lawrence + Kennedy      | 2.30           | 115     | 482             |
| 31B    | 6-1-1866  | Minnie Jerry Couzens         | Middleton Water         | .60            | 30      | 482             |
| 31C    | 6-1-1866  | Albert C. Bowerman           | Lawrence + Kennedy      | 1.10           | 55      | 491             |
| 71A    | 4-1-1879  | Island Highline Ditch Co.    | "                       | 3.00           | 150     | 491             |
| 137A   | 4-1-1910  | "                            | "                       | 7.00           | 350     | 491             |
| 139    | 4-1-1915  | "                            | "                       | 10.00          | 500     | 496             |
| 75A    | 1880      | Albert Lemp et al            | Larsen-Baxter + Lemp    | 3.20           | 160     | 496             |
| 29A    | 1865      | Louise Stromonson            | Lemp Ditch Eagle Island | 6.00           | 300     | 497             |
| 8B     | 4-1-1865  | First Nat. Bank of Pueblo    | Hubb                    | .180           | 90      | 498             |
| 29B    | 1865      | St. Hardies + Arnelia Easley | "                       | .50            | 25      | 498             |
| 51A    | 1870      | "                            | "                       | 1.00           | 50      | 498             |
| 116-A  | 1889      | "                            | "                       | .84            | 42      | 498             |



## ADDITIONAL DECREES BOISE RIVER.

Intervenors "Stewart Decree".

|     | Name                        | Canal                   | Amount Decreed |         | Dept of Rec<br>File No |
|-----|-----------------------------|-------------------------|----------------|---------|------------------------|
|     |                             |                         | Sec. Ft.       | Inches. |                        |
| 78  | J.S. Kraus                  | Ballantine              | .80            | 40.     | 373                    |
| 97  | H.E. Plain                  | Dry Creek               | .54            | 27      | 373                    |
| 78  | J.W. Kolander               | Ballantine              | 1.40           | 70      | 373                    |
| 78  | M.T. Griffith               | Ballantine              | .80            | 40      | 373                    |
| 80  | Goble + Songer              | Dry Creek               | .54            | 27      | 373                    |
| 80  | C.B. Frank                  | Dry Creek               | .816           | 40.80   | 380                    |
| 06  | H.E. Wymer                  | Ballantine              | .356           | 17.80   | 325                    |
| 92  | Leo Marsters                | Warm Springs            | 1.60           | 80.     | 324                    |
| 99  | B.P. Weaverling             |                         | 1.60           | 80      | 294                    |
| 12  | Wesley A. Moe               |                         | .40            | 20      | 293                    |
| 83  | Wm. Huckba                  | Dry Creek               | .203           | 10.15   | 321                    |
| 3   | C.H. Schmelzer              | Ballantine              | .7506          | 37.53   | 320                    |
| 3   | C.W. McClurg                | Dry Creek               | .35            | 17.50   | 319                    |
| 3   | W.D. Charters               | "                       | 1.00           | 50.     | 318                    |
| 83  | Jacob Bingham               | Settlers                | 1.00           | 50.     | 317                    |
| 882 | Roc Helms                   | Riverside Irrig. D.     | 3.674          | 183.70  | 295                    |
| 65  | Adolph Bahler               | Bahler                  | .80            | 40.     | 412                    |
| 70  | "                           | "                       | .80            | 40      | 412                    |
| 67  | Ralph T. Knight             | Canyon County           | 1.76           | 88.     | 419                    |
| 90  | Anna Spencer                | Riverside Irrig. D.     | .72            | 36      | 12A MISC.              |
| 90  | Willis B. Spencer           | "                       | .10            | 5       | "                      |
| 90  | Rebecca Bell                | "                       | .40            | 20      | "                      |
| 99  | Neil + Patrick O'Donnell    | O'Donnell + Barth       | 1.60           | 80      | 466                    |
| 89  | Gus A. Barth                | "                       | .80            | 40      | 467                    |
| 91  | Gus A. Barth                | Parma Ditch Co          | 1.60           | 80      | 467                    |
| 81  | Charles Juries              | "                       | .34            | 17      | 467                    |
| 81  | James Finlay                | "                       | .80            | 40      | 467                    |
| 81  | Lester J. Shippy            | "                       | 1.30           | 65      | 467                    |
| 66  | Wm. Musser                  | Lawrence + Kennedy      | 2.30           | 115     | 482                    |
| 66  | Minnie + Jerry Couzens      | Middleton Water         | .60            | 30      | 482                    |
| 66  | Albert C. Bowerman          | Lawrence + Kennedy      | 1.10           | 55      | 482                    |
| 79  | Island Highline Ditch Co.   |                         | 3.00           | 150     | 491                    |
| 10  | "                           | "                       | 7.00           | 350     | 491                    |
| 15  | "                           | "                       | 10.00          | 500     | 491                    |
| 80  | Albert Lemp et al           | Larsen-Baxter + Lemp    | 3.20           | 160     | 496                    |
| 65  | Louise Stormonson           | Lemp Ditch Eagle Island | 6.00           | 300     | 496                    |
| 65  | First Nat. Bank of Pueblo   | Bubb                    | .180           | 90      | 497                    |
| 65  | SG. Hardies + Amelia Easley | "                       | .50            | 25      | 498                    |
| 70  | "                           | "                       | 1.00           | 50      | 498                    |
| 89  | "                           | "                       | .84            | 42      | 498                    |



TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DECREED RIGHT

| No. of Change<br>of Point of<br>Diversion | Point of Diversion |                        | Date of<br>Change | Priority |         | No. of<br>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<br>Change | Priority |         | No. of<br>Acres | Quantity<br>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         |                                           |
| 1-65        |                     | 144                       | Shafer & Others         |                                           |
| 1-65        |                     | 320                       | George Rambo            |                                           |
| 1-67        |                     | 55½                       | Jas. D. Ruark           | To Indian Creek                           |
| 1-77        | 35                  | 30                        | John S. Swisher         |                                           |
| 1-66        |                     | 130                       | Bird Bowman             |                                           |
|             |                     | 33½                       | H. G. Dudley            |                                           |
|             |                     | 10                        | Edward McClintick       | Foot & Wiseman                            |
|             |                     | 25                        | W. Kennedy              |                                           |
| -83         | 80                  | 50                        | Minnie Couzens          |                                           |
| -65         |                     | 40                        | Harry Seavey            |                                           |
| -70         |                     | 40                        | Detweed Etc. Bank       |                                           |
|             |                     | 36                        | Jacob Bingham           |                                           |
| -77         |                     | 40                        | Adolph Bahler           |                                           |
|             |                     | 25                        | Adolph Bahler           |                                           |
|             |                     | 32½                       | Leo Marsters            |                                           |
| -66         |                     | 115                       | J. C. Ralph             |                                           |
| -65         |                     | 40                        | J. C. Bruce             |                                           |
| -83         |                     | 35                        | Ira E. Barber           |                                           |
| -83         |                     | 3                         | Charles Jurries         | Not approved by ditch companies Secretary |
| 12          |                     | 10                        | Wm. Musser              |                                           |
| 67          |                     | 75                        | Wm. Baxter              |                                           |
| 87          |                     | 6½                        | R. E. McGuire           |                                           |
| 93          |                     | 40                        | Chas. H. Schmelzer      |                                           |
| 0           |                     | 50                        | Fischer Power Only      | Below Fairview Bridge                     |
| 5           |                     | 40                        | Cora M. Clifton         |                                           |
| 5           |                     | 5                         | Dora Greer              |                                           |
| 8           |                     | 32½                       | J. H. Cone              | Decreed to Amer. Ditch Assoc.             |
| 8           |                     | 12                        | Adolph Bahler           |                                           |
| 3           |                     | 440                       | Adolph Bahler           |                                           |
| 4)          |                     | 85                        | Adolph Bahler           |                                           |
| 1)          |                     | 12                        | Adolph Bahler           |                                           |
|             |                     |                           | Raymond T. Breshears    |                                           |
|             |                     |                           | Sid Barber              |                                           |
|             |                     |                           | Frank M. Ray            |                                           |
|             |                     |                           | Wilbur Breshears        |                                           |
|             |                     |                           | Charlottie D. Allen     |                                           |
|             |                     |                           | Idaho Fish & Game Dept. |                                           |



Number of  
Transfer

Point of Diversion  
From To

TRANSFERS OF DECREEED RIGHTS ON BOISE R

|     |                      |                  | Priority<br>No. | Date     | Date of<br>Transfer | Quantity<br>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        |                  |                 |          | 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 M.  |
| 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. E. M.  |
| 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) |                     |                       |           |
| 393 | Middleton Mill       | Farmers Union    | 120             | 6-1- 91) | 9-15-1926           | 14.4                  | A. C. B.  |
| 395 | Middleton Water      | Farmers Union    | 65              | 6-1- 77  |                     |                       |           |
| 412 | Thurman              | Settlers'        |                 | 6-1- 82  | 11-16-1926          | 25                    | G. R. M.  |
| 430 | Farmers Union        | Settlers'        | 65              | 6-1- 77  | 12-2- 1927          | 20                    | Chas. P.  |
| 466 | Ridenbaugh           | New York         | 106             | 8-20-88  | 7-2- 1928           | 12.5                  | J. A. F.  |
| 468 | Settlers'            | Settlers'        | 65              | 6-1- 77  | 7-6- 1929           | 445                   | W. H. T.  |
| 477 | Settlers'            | Settlers'        |                 | 10-12-84 | 7-12-1929           | 5                     | C. C. W.  |
| 483 | Settlers'            | Settlers'        |                 | 10-13-84 | 11-18-1929          | 10                    | Chas. N.  |
| 512 | Jacobs Canal         | Farmers Union    | 2               | 6-1- 64  | 4-7- 1930           | 3                     | Frank P.  |
| 513 | Jacobs Canal         | Farmers Union    | 2               | 6-1- 64  | 5-27-1932           | 50                    | W. Scott  |
| 530 | Jacobs Ditch         | Farmers Union    | 1               | 6-1- 64  | 5-27-1932           | 25                    | Farmers   |
| 542 | Farmers Union        | Farmers Union    | 2               | 6-1- 64  | 5-15-1934           | 15                    | A. B. W.  |
| 595 | Jacobs Canal         | Nampa-Meridian   | 1               | 6-1- 64  | 12-31-1934          | 34.37                 | Federal   |
| 595 | Jacobs Canal         | Settlers'        | 1               | 6-1- 64  | 9-9- 1938           | 15                    | Boise Tr  |
| 603 | Riverside            | Pioneer Dixie    | 88              | 6-1- 83  | 9-9- 1938           | 15                    | Boise Tr  |
| 644 | Riverside            | Pioneer Dixie    | 88              | 6-1- 83  | 4-29-1940           | 50                    | W. F. T.  |
| 654 | Consumers            | Settlers         | 30              | 5-1-66   | 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.  |
| 660 | Riverside            | Pioneer-Dixie    | 66              | 6-1-83   | 4-11-1944           | 25                    | W. W. H.  |
| 694 | Consumers            | Settlers         | 30              | 5-1-66   | 4-29-1946           | 30                    | D. W. E.  |
| 694 | Consumers            | Settlers         | 30              | 5-1-66   | 4-29-1946           | 8                     | W. W. H.  |
|     |                      |                  |                 |          |                     | 6                     | W. W. H.  |



Number of  
Transfer

Point of Diversion  
From To

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

|     |                      |                  | Priority<br>No. | Date     | Date of<br>Transfer | Quantity<br>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 | Siebertberg          | 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'        | 3               | 6-1- 64  | 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    | 3               | 6-1- 54) | 8-21-1926           | 20                    | Fred Egge |
| 393 | Middleton Mill       | Farmers Union    | 54              | 6-1- 61) |                     |                       |           |
| 393 | Middleton Mill       | Farmers Union    | 120             | 6-1- 91) | 9-15-1926           | 14.4                  | A. C. Bow |
| 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   |
| 585 | Jacobs Canal         | Nampa-Meridian   | 1               | 6-1- 64  | 9-9- 1938           | 15                    | Boise Tr  |
| 585 | 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<br>Transfer | Point of Diversion |          | Priority |        | Date of<br>Transfer | Quantity<br>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<br>Transfer | Quantity<br>In Inches | By Whom<br>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 Athens                 | 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   | Perault's Johnson & Davis     | 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.N. 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. Perault & 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 & 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<br>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   | Lammie L. Haseley             | .02          | 1      |
| 144               | 64  | 6-1-77   | W. H. Conway               | .90          | 45     | 109 | 5-1-89   | S. B. T. 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 Cate                    | .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 Taplin                 | .06          | 3      |
| 80                | 71  | 6-1-78   | R. H. Stockton             | 4.40         | 220    | 116 | 6-1-89   | Sonora Taplin                 | 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 Taplin              | 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 Taplin              | 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. Taplin           | 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. Taplin          | .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<br/>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            |           |
|                      |                               |                 | Stewart       | 18              | 6-1-1865    | 40                    | .80             |           |
|                      |                               |                 | Stewart       | 32              | 6-1-1866    | 175                   | 3.50            |           |
|                      |                               |                 | Stewart       | 94              | 6-1-1886    | 670                   | 13.40           |           |
| Davis                |                               |                 |               |                 |             |                       |                 |           |

\* Subtract



# STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Chart No. 25

| Transfer                 | Decree     | Priority |            | Amount Decreed |          |                    |
|--------------------------|------------|----------|------------|----------------|----------|--------------------|
|                          |            | No.      | Date       | Inches         | Sec. Ft. | Total<br>Sec. Feet |
| 466<br>111<br>111<br>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<br/>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

| Transfer | Decree  | Priority |            | Amount Decreed |          |                 |
|----------|---------|----------|------------|----------------|----------|-----------------|
|          |         | No.      | Date       | Inches         | Sec. Ft. | Total Sec. Feet |
|          | Stewart | 119      | 6-1-1891   | 27             | .54      | .54             |
|          | Stewart | 92       | 10-17-1884 | 4953           | 99.06    |                 |
| 430      | Stewart | 122      | 6-1-1891   | 3672           | 73.44    |                 |
| 347      | Stewart | 65       | 6-1-1877   | 12.5           | .25      |                 |
| 349      | Stewart |          | 6-1-1864   | 7              | .14      |                 |
| 350      | Stewart |          | 6-1-1864   | 7              | .14      |                 |
| 357      | Stewart |          | 6-1-1864   | 7              | .14      |                 |
| 412      | Stewart |          | 6-1-1877   | 10             | .20      |                 |
|          | 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<br>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<br>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      |                    |
| 2 & 513  | Bryan      |          | 7-2-1894 | 2723           | 54.46    |                    |
|          |            | 1        | 6-1-1864 | 75             | 1.50     | 191.512            |
|          | Stewart    | 15       | 6-1-1865 | 2729           | 54.58    | 54.58              |
|          | Stewart    | 14       | 6-1-1865 | 688            | 13.76    | 13.76              |
|          | Stewart    | 72       | 6-1-1879 | 1566           | 31.32    |                    |
|          | Stewart    | 93       | 6-1-1886 | 761            | 15.22    |                    |
|          | Stewart    | 97       | 6-1-1888 | 393            | 7.86     |                    |
|          | Additional | 129A     | 4-1-1897 | 27             | .54      |                    |
|          | Additional | 13A      | 4-1-1880 | 27             | .54      |                    |
|          | Additional | 75A      | 6-1-1880 | 40.8           | .816     |                    |
|          | Additional | 85C      | 5-1-1883 | 10.15          | .203     |                    |
|          | Additional | 85E      | 5-1-1883 | 17.5           | .35      |                    |
|          | Additional | 124A     | 5-1-1893 | 50             | 1.00     |                    |
| 300      | Stewart    |          |          | 17.5           | .35      |                    |
| 301      | Stewart    |          |          | 72             | 1.44     |                    |
|          | Stewart    |          |          | 10             | .20      |                    |
|          | Stewart    |          | 6-1-1888 | 32.5           | .65      |                    |
|          | Stewart    |          | 6-1-1883 | 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<br>P. of D. | Transfer | Decree     | Priority |          | Amount Decreed |          |       |
|-----------------|-----------------------|----------|------------|----------|----------|----------------|----------|-------|
|                 |                       |          |            | No.      | Date     | Inches         | Sec. Ft. | \$    |
| Ballantine      |                       |          | Stewart    | 98       | 6-1-1888 | 200            | 4.00     |       |
|                 |                       |          | Stewart    | 99       | 6-1-1888 | 65             | 1.30     |       |
|                 |                       |          | Stewart    | 100      | 6-1-1888 | 70             | 1.40     |       |
|                 |                       |          | Stewart    | 101      | 6-1-1888 | 73             | 1.46     |       |
|                 |                       |          | Stewart    | 102      | 6-1-1888 | 60             | 1.20     |       |
|                 |                       |          | Stewart    | 103      | 6-1-1888 | 70             | 1.40     |       |
|                 |                       |          | Stewart    | 123      | 6-1-1891 | 40             | .80      |       |
|                 |                       |          | Additional | 66A      | 4-1-1878 | 40             | .80      |       |
|                 |                       |          | Additional | 66C      | 4-1-1878 | 70             | 1.40     |       |
|                 |                       |          | Additional | 66D      | 4-1-1878 | 40             | .80      |       |
|                 |                       |          | Additional | 85D      | 5-1-1883 | 37.53          | .7506    |       |
|                 |                       |          | 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<br/>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<br/>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<br>(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<br>Sq. Ft. | Transfer | Decree         | Priority |          | Amount Decreed |          | Total<br>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<br>of D. | Transfer | Decree         | Priority |          | Amount Decreed |          | Total<br>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<br/>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<br/>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<br/>P. of D.</u> | <u>Transfer</u> | <u>Decree</u> | <u>Priority</u> |             | <u>Amount Decreed</u> |                 | <u>Total<br/>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<br>of D. | Transfer | Decree     | Priority |            | Amount Decreed |          |                    |
|--------------------|----------|------------|----------|------------|----------------|----------|--------------------|
|                    |          |            | No.      | Date       | Inches         | Sec. Ft. | Total<br>Sec. Feet |
|                    |          | Stewart    | 132      | 5-17-1900  | 500            | 10.00    |                    |
|                    |          | Stewart    | 134      | 10-25-1901 | 277            | 5.54     |                    |
|                    | 381      | Stewart    | 96       | 10-1-1887  | 605            | 12.10    |                    |
|                    | 105      | Stewart    | 9        | 6-1-1865   | 25             | .50      | 28.14              |
|                    |          | Stewart    | 9        | 6-1-1865   | 671            | 13.42    |                    |
|                    | 105*     | Stewart    | 9        | 6-1-1865   | 25             | .50*     | 12.92              |
|                    |          | Stewart    | 88       | 6-1-1883   | 600            | 12.00    |                    |
|                    |          | Stewart    | 91       | 6-1-1884   | 1000           | 20.00    |                    |
|                    |          | Stewart    | 95       | 1-23-1887  | 200            | 4.00     |                    |
|                    |          | Stewart    | 124      | 5-1-1893   | 4000           | 80.00    |                    |
|                    |          | Stewart    | 130      | 10-1-1899  | 1000           | 20.00    |                    |
|                    |          | Stewart    | 133      | 6-1-1901   | 3500           | 70.00    |                    |
|                    |          | Additional | 77A      | 4-15-1882  | 184            | 3.68     |                    |
|                    |          | Additional | 116A     | 6-1-1890   | 36             | .72      |                    |
|                    |          | Additional | 116B     | 6-1-1890   | 65             | .10      |                    |
|                    |          | Additional | 116C     | 6-1-1890   | 20             | .40      |                    |
| 35                 |          |            |          |            | 100            | 2.00     |                    |
|                    |          | Bryan      |          | 4-1-1910   | 3189           | 63.78    |                    |
|                    |          |            |          | 4-1-1914   | 885            | 17.70    | 294.38             |
|                    |          | 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*    | 40.30              |
|                    |          | 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*    | 52.30              |



STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

| <u>Name of Canal</u> | <u>Change in<br/>P. of D.</u> | <u>Transfer</u> | <u>Decree</u> | <u>Priority</u> |             | <u>Amount Decreed</u> |                 | <u>To<br/>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*<br>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<br>51<br>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<br>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<br/>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<br/>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<br/>Section</u> | <u>100% of<br/>Decree</u> | <u>75% of<br/>Decree</u> | <u>60% of<br/>Decree</u> | <u>Flow Necessary<br/>To Fill to 60%</u> | <u>Flow Necessary<br/>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 Eisley | 1                        | .50                       | .38                      | .30                      |                                          | 1174.99                                  |
| 30         | J. Perrault & R. Johnson*     | 1                        | 50.00                     | 50.00                    | 50.00                    |                                          |                                          |
| 31         | William P. Kennedy            | 1                        | 2.60                      | 1.95                     | 1.56                     |                                          | 1175.38                                  |
| 31A        | Wm. Musser                    | 1                        | 2.30                      | 1.73                     | 1.38                     |                                          | 1175.73                                  |
| 31B        | Minnie & Jerry Couzens        | 1                        | .60                       | .45                      | .36                      |                                          | 1175.82                                  |
| 31C        | Albert C. Bowerman            | 1                        | 1.10                      | .83                      | .66                      |                                          | 1175.99                                  |
| 32         | Manville & Leonard            | 1                        | 3.50                      | 2.63                     | 2.10                     |                                          | 1176.51                                  |
| 33         | Boise City Canal Co.          | 1                        | 38.06                     | 28.55                    | 22.83                    | 22.83                                    | 1182.22                                  |
| 34         | Franklin Ditch Co.            | 1                        | 15.40                     | 11.55                    | 9.24                     | 32.07                                    | 1184.53                                  |
| 35         | Canyon County Water Co.       | 1                        | 75.80                     | 56.85                    | 45.48                    | 77.55                                    | 1195.90                                  |
| 35A        | Ralph T. Knight               | 1                        | 1.76                      | 1.32                     | 1.06                     | 78.61                                    | 1196.16                                  |
| 36         | Martha E. McCarthy            | 1                        | 14.10                     | 10.58                    | 8.46                     | 87.07                                    | 1198.28                                  |

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



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

| River<br>Section | 100% of<br>Decree | 75% of<br>Decree | 60% of<br>Decree | Flow Necessary<br>To Fill to 60% | Flow Necessary<br>To Fill to 75% | Flow Necessary<br>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<br/>Section</u> | <u>100% of<br/>Decree</u> | <u>75% of<br/>Decree</u> | <u>60% of<br/>Decree</u> | <u>Flow Necessary<br/>To Fill to 60%</u> | <u>Flow Necess<br/>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><br><u>Section</u> | <u>100% of</u><br><u>Decree</u> | <u>75% of</u><br><u>Decree</u> | <u>60% of</u><br><u>Decree</u> | <u>Flow Necessary</u><br><u>To Fill to 60%</u> | <u>Flow Necessary</u><br><u>To Fill to 75%</u> | <u>Flow Necessary</u><br><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<br/>Section</u> | <u>100% of<br/>Decree</u> | <u>75% of<br/>Decree</u> | <u>60% of<br/>Decree</u> | <u>Flow Necessary<br/>To Fill to 60%</u> | <u>Flow Necessary<br/>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<br/>Section</u> | <u>100% of<br/>Decree</u> | <u>75% of<br/>Decree</u> | <u>60% of<br/>Decree</u> | <u>Flow Necessary<br/>To Fill to 60%</u> | <u>Flow Necessary<br/>To Fill to 75%</u> | <u>Flow Necessary<br/>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 DECREED RIGHTS (STEWART DECREE) & FLOW IN SECOND FEET  
NECESSARY AT DIVERSION DAM TO FILL SAME

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

(See Notes in front of report for further explanations)



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

| River<br>Section | 100% of<br>Decree | 75% of<br>Decree | 60% of<br>Decree | Flow Necessary<br>To Fill to 60% | Flow Necessary<br>To Fill to 75% | Flow Necessary<br>To Fill to 100% |
|------------------|-------------------|------------------|------------------|----------------------------------|----------------------------------|-----------------------------------|
| 2                | 50.00             | 37.50            | 30.00            |                                  |                                  |                                   |
| 1                | 370.84            | 278.13           | 222.50           |                                  |                                  | 1797.27                           |
| 1                | .06               | .05              | .04              | 733.38                           | 1359.93                          | 1884.98                           |
| 1                | .02               | .015             | .01              | 733.42                           | 1359.93                          | 1885.00                           |
| lor              | 2.40              | 1.80             | 1.44             | 733.43                           | 1359.93                          | 1885.00                           |
| Co.              | 6.00              | 4.50             | 3.60             | 734.87                           | 1360.29                          | 1885.60                           |
| er               | 2.94              | 2.21             | 1.76             | 738.47                           | 1361.19                          | 1887.10                           |
| 1                | .05               | .04              | .03              | 740.23                           | 1361.63                          | 1887.84                           |
| 1                | .10               | .08              | .06              | 740.26                           | 1361.63                          | 1887.85                           |
| 1                | .03               | .02              | .02              | 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             | .75              | 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             |                                  |                                  |                                   |
| 1                | .40               | .30              | .24              | 1152.25                          | 1464.62                          | 2127.12                           |
| o.               | 3                 | 10.00            | 7.50             |                                  |                                  |                                   |

or further explanations)



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

| <u>Priority<br/>Date</u> | <u>Name</u>                                            | <u>100% of<br/>Decree</u> | <u>75% of<br/>Decree</u> | <u>60% of<br/>Decree</u> | <u>Flow Necessary<br/>To Fill to 60%</u> | <u>Flow Necessary<br/>To Fill to 75%</u> | <u>Flow<br/>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.)<br>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<br>(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<br/>Decree</u> | <u>75% of<br/>Decree</u> | <u>60% of<br/>Decree</u> | <u>Flow Necessary<br/>To Fill to 60%</u> | <u>Flow Necessary<br/>To Fill to 75%</u> | <u>Flow Necessary<br/>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".







