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**WATER DISTRIBUTION  
OF  
BOISE RIVER  
DISTRICT 12-A  
1965**

Water distribution of Boise River -  
Section H-12-A.  
1965.

RECEIVED  
JUN 24 1966

Department of Reclamation

REPORT OF  
CANAL DELIVERIES FROM  
BOISE RIVER

AND

DIFFERENT FEATURES AFFECTING THESE  
DELIVERIES FOR THE IRRIGATION SEASON  
OF 1965

(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, ANDERSON RANCH AND LUCKY PEAK  
RESERVOIRS)

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

BY

DANIEL L. MUSSELMAN

WATERMASTER, BOISE RIVER

## C H A R T S

1. Map of Boise River, showing canal diversions.
2. Shows the natural flow of the Boise River by days for the period from 1941 to date. The same information for the period 1895 to 1940 is shown in previous reports.
3. Shows mean daily flow of Boise River for a 70 year period.
- 3A. Shows natural flow high years.
4. Shows monthly and annual flow of Boise River in acre-feet, for the irrigation years from 1894-95 to date.
5. Daily discharge of all canals (Section 1 and 2) for irrigation season.
6. Summary chart in acre-feet showing monthly and total canal diversions for the irrigation season.
7. Summary chart showing total annual diversions for all Boise Valley canals beginning 1950. The same information beginning 1915 is shown in previous reports.
8. Shows daily discharge of all principal tributary streams feeding water to Boise River below Mores Creek for irrigation season.
9. Two charts 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.
10. Two charts 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.
11. Two charts 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.
12. Shows acreage under all canals in the Boise Valley.
13. Storage water allocation.
- 13A. Storage use for the irrigation season.
14. Shows acre-feet per acre diverted by Boise Valley canals for each irrigation season beginning 1965. The same information beginning 1916 and 1947 shown in previous reports.

## C H A R T S

(continued)

17. Shows total discharge of drainage canals in Drainage District No. 2 for the irrigation season.
18. Two charts showing total discharge of all drainage canals in Drainage Districts Nos. 3 and 4 for the irrigation season.
19. Summary chart of the return flow to Boise River between the Government Diversion Dam and Notus for 15 year period.
20. Shows distribution of drainage water to various canals.
21. Shows Intervenor Decrees on Boise River (Intervenor in the Stewart Decree), giving priority number, date and amount decreed.
22. Shows changes in point of diversion of decreed rights on Boise River.
23. Shows transfers of decreed rights on Boise River.
24. Condensed chart of Stewart Decree showing dates of priority and amounts decreed.
25. Charts showing the Stewart, Intervenor's and Bryan Decrees grouped under canal headings.
26. Charts in second feet showing decreed rights (Stewart Decree) and natural flow at Diversion Dam necessary to fill same.
27. Chart 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 1965 was the same that it has been for several years past. It includes a Chairman and Secretary, a Water-master, one Assistant for a few months during the summer, and a part-time stenographer.

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

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

M. A. Watkins, Chairman  
O. L. Greer, Secretary  
Ernest Anderson  
W. S. Hall  
Wm. Reynolds  
Wm. Wymer  
Wayne Naugle  
Henry Dalrymple  
John Demond

Cooperative assistance is rendered by the Board of Control in current meter work, compiling records, 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 Notus.

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

#### DECREES

##### 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 E. L. Bryan, Judge of the District Court of the SEVENTH JUDICIAL DISTRICT of the State of Idaho, issued a continuing order on May 31, 1919, which is still in effect, providing for the distribution of the waters of Boise River in the following manner, to-wit:

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

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

Bryan Decree:

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

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

Chart 26 relates to the Stewart Decree and shows the following information: Number of priority, name to whom decree was issued, amount of decree in second feet, showing 100 percent, 75 percent and 60 percent, and section of river in which point of diversion is located. It also shows the amount of natural flow necessary at Diversion Dam to fill the various rights in the Stewart Decree, including intervenors, to 60 percent, 75 percent and 100 percent. In computing the amounts necessary to fill the various rights in this table, it is assumed that the return flow will fill the first 35 rights to 60 percent of the amount decreed. It is also assumed that the return flow to sections 2 and 3 of the river would fill the rights with points of diversion in those sections of the river to 75 percent of the amount decreed.

Chart 27 shows the decreed rights contained in the Bryan Decree or Flood Water Decree. It shows the date of priority, name of the water user, to whom the decree was issued, amount of decree in second feet, showing 100 percent, 75 percent and 60 percent. It also shows the amount of natural flow necessary at Diversion Dam to fill the various rights in the Flood Water Decree to 60 percent, 75 percent and 100 percent.

#### BOISE RIVER RUN-OFF AND AVAILABLE WATER SUPPLY

The total flow for the calendar year 1965 was 3,481,732 acre feet and for the irrigation year was 3,662,880 acre feet. Irrigation started about the 5th of April and demand for water reached a peak in May and continued moderate the balance of the season. Due to the lack of storage room in the reservoirs there was 1,555,000 c.f.s. more water passed the Notus gage station in the 1964-65 water year than in the year previous. The river flow was over 10,000 c.f.s. for 61 days during the year and over 20,000 c.f.s. 3 days on April 22, 23 & May 1. The highest flow was 20,854 cubic feet per second on

April 25 and the lowest flow was 205 cubic feet per second on August 25. The flow at Lucky Peak was cut out on October 15, so the gates, etc. could be inspected and repaired, some repair was done on Diversion Dam also. The gates were reopened to a flow of 150 c.f.s. on November 8 to pass fish and sanitation water.

#### CANAL REGULATIONS

It was necessary to begin canal regulations July 15 as the flood waters had dissipated and we were to near normal flows.

Chart 5 shows the canal diversions for the period from April 1 to October 15.

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

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 1950 to date. Previous reports show the same information, 1915 to 1950 inclusive.

#### TRIBUTARY GAIN

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

Chart 8 shows 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.

#### RIVER FLUCTUATION

The river flow was very steady, there being very few fluctuations. A change of gates at Lucky Peak sometimes resulted in a slightly changed

discharge. A remote control gage, which makes a permanent record and shows the gage height at all times in the power house at Diversion Dam, has been installed and it gives a very good record of the flow below Diversion Dam.

#### CLASSIFICATION OF RIVER

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

#### SECTION I

Chart 10 shows the condition that existed in this section during the period July 1 to October 15 inclusive.

#### SECTION II

Chart 11 is a table showing the condition that existed in this section during the period July 1 to October 15 inclusive. The average return flow per day during this period to this section was 1348 second feet. A considerable amount of water from Black Canyon project has come into this section of the river since 1950 and the return flow has now become a sufficient quantity so this section requires practically no regulation. There is a period of about a month when return flow does not supply Section II. This is right after the flood waters are cut from the river. 1965 was an exception to this, there was sufficient return flow to supply this demand.

### SECTION III

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

The final determination of the duty of water, both in the "Stewarts Decree" and the "Bryan Decree", is still pending in the District Court at Caldwell, Idaho. The writer's views are pretty well expressed in the following quotations for "REPORT ON CONSUMPTIVE USE--NEW 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 has 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, 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 "sliding scale" should be made in the case of porous-gravel, river bottom lands, lying adjacent to and under the upper section of the river as per the Stewart Decree, to the extent that these lands should be allowed to divert such amount of water as their crops require and at such times as it is needed, said diversions not to exceed 1.10 miner's inches per acre. This, because no matter how much is diverted, all but a very small amount almost immediately returns to the river flow. To do this a system of rotation among themselves should be required.

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

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

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

Chart 14 is a table showing acre-feet per acre diverted by Boise Valley canals for each irrigation season beginning in 1965. A similar record showing

the acre-feet per acre diverted for 30 principal canals in the Boise Valley, beginning 1916, and one beginning 1947, may be found in previous annual reports. The amount shown under the column "Acre Feet Per Acre" cannot be construed as a duty of water for the lands of the Boise Valley, due to the large and varying quantities of return flow water picked up by many of these canals.

#### DRAINAGE

Chart 17 shows the total drainage discharge for Drainage District No. 2 for the current season and a summary for the same. This drainage district embraces an area of 29,000 acres situated on the north side of Boise River between the City of Boise and the canyon near Caldwell.

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

Chart 19 is a table showing the average return flow to the Boise River for a 15 year period.

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

#### INTERVENORS

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

#### CHANGES IN POINT OF DIVERSION

Chart 22 is a table showing the change in the point of diversion of

decreed rights on the Boise River as recorded in the office of the State Reclamation Engineer.

#### TRANSFERS

Chart 23 is a table showing the transfer of decreed rights on the Boise River as recorded in the office of the State Reclamation Engineer.

#### STEWART DECREE

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

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

#### STEWART AND BRYAN DECREES GROUPED ALPHEBETICAL BY CANAL HEADINGS

The tables, in charts, have been compiled for the benefit of those canal companies which have more than one date of priority. These tables also include the transfers and changes in point of diversion. They show the date and amount of each priority and the total amount decreed.

#### BRYAN DECREE

Chart 27 is a table showing decreed rights contained in the Bryan Decree and the natural flow necessary at the Diversion Dam to fill the same.

#### WATERSHED

The following is quoted from the 1947 report:

"The question of watershed protection will always be of paramount importance to the waterusers of Boise Valley. It is regrettable, however, that in matters of this kind the people of the valley generally are too much inclined to take the attitude of "Let George Do It". The preservation of present day waterusers but for generations yet to come, should have the

constant attention and consideration of all concerned. It is the opinion of the writer that this resource, which is of such importance to the entire populace of the Boise Valley, should remain under federal control."

#### STORAGE WATER

As of December 31, there was 401,497 acre feet of water in Anderson Ranch Reservoir, 267,920 in Arrowrock and 90,102 in Lucky Peak. 587 c.f.s. is being released from Anderson Ranch Reservoir, 369 c.f.s. from Arrowrock and 150 c.f.s. from Lucky Peak and passing Diversion Dam.

#### FLOOD CONTROL

With three dams on the river, flood damage should be held to a minimum. There will still be some damage along the river from erosion until such time as protecting levees can be built in certain places on both banks of the river.

An agreement has been entered into between the Army Engineers, the Bureau of Reclamation and the water users whereby Arrowrock, Anderson and Lucky Peak Reservoirs will be used jointly for both irrigation and flood control. It is anticipated with this arrangement, the three reservoirs plus irrigation diversions will control the more frequent floods to bankfull (6,500 c.f.s. or less) at Boise. However, although major floods will be regulated to a considerable degree, there is insufficient storage to control these more rare floods to bankfull and some downstream flooding will occur.

# COST REPORT - 1965

|                                                                   |               |
|-------------------------------------------------------------------|---------------|
| Watermaster Salary . . . . .                                      | \$7,000.00    |
| Assistant Watermaster Salary . . . . .                            | 880.15        |
| Car Mileage . . . . .                                             | 1,128.06      |
| Miscellaneous . . . . .                                           | 728.25        |
| Telephone . . . . .                                               | 577.96        |
| Office Rent . . . . .                                             | 240.00        |
| Stenographic Services . . . . .                                   | 1,762.00      |
| Insurance . . . . .                                               | 290.73        |
| Social Security Tax . . . . .                                     | 276.91        |
| Snow Survey . . . . .                                             | 284.00        |
| Services rendered by Boise Project Board of Control . . . . .     | <u>500.00</u> |
| TOTAL COSTS TO WATER DISTRICT 12-A FOR 1965 . . . . . \$13,668.06 |               |

### CONCLUSIONS

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

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

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

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

12. That the "Court Orders" under which the Boise River has been operated for approximately 50 years have proven very satisfactory to the Boise Valley as a whole.

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

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

15. That efforts should continue to be made for the construction of protective levees to relieve erosion in certain bad places along the river.

16. That some type of program should be adopted for annual repair and channel clearance on the Boise River.

17. That the diversion checks in the Boise River should be the retractable type to allow free passage of flood control waters.

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R. 2 W.

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 Engineer's Map of 1904)

Scale: 1 in. = 8000 ft.

F. E. Weymouth George H. Bliss  
Supervising Engr Project Manager  
JAN 1915



1888

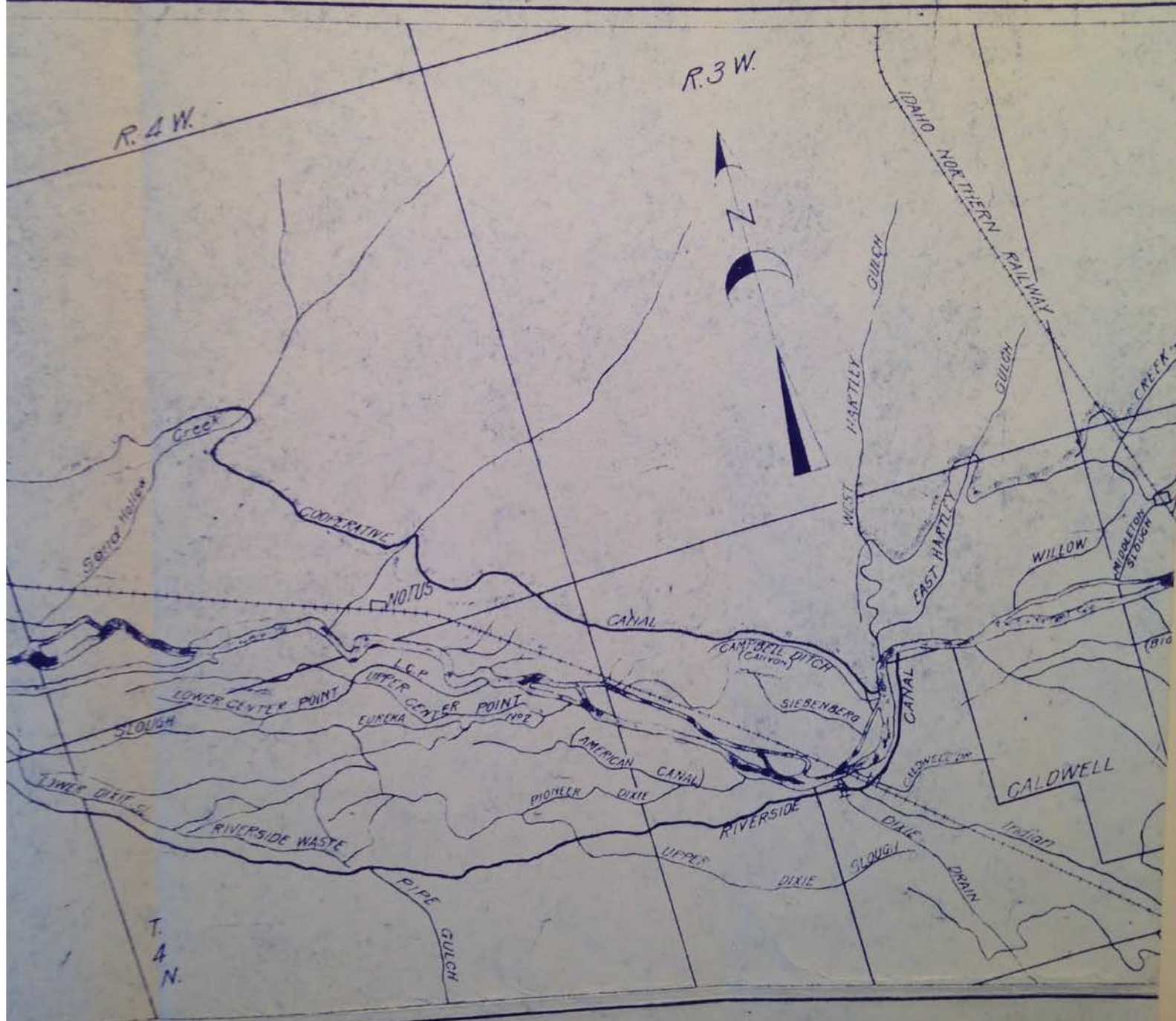


1888

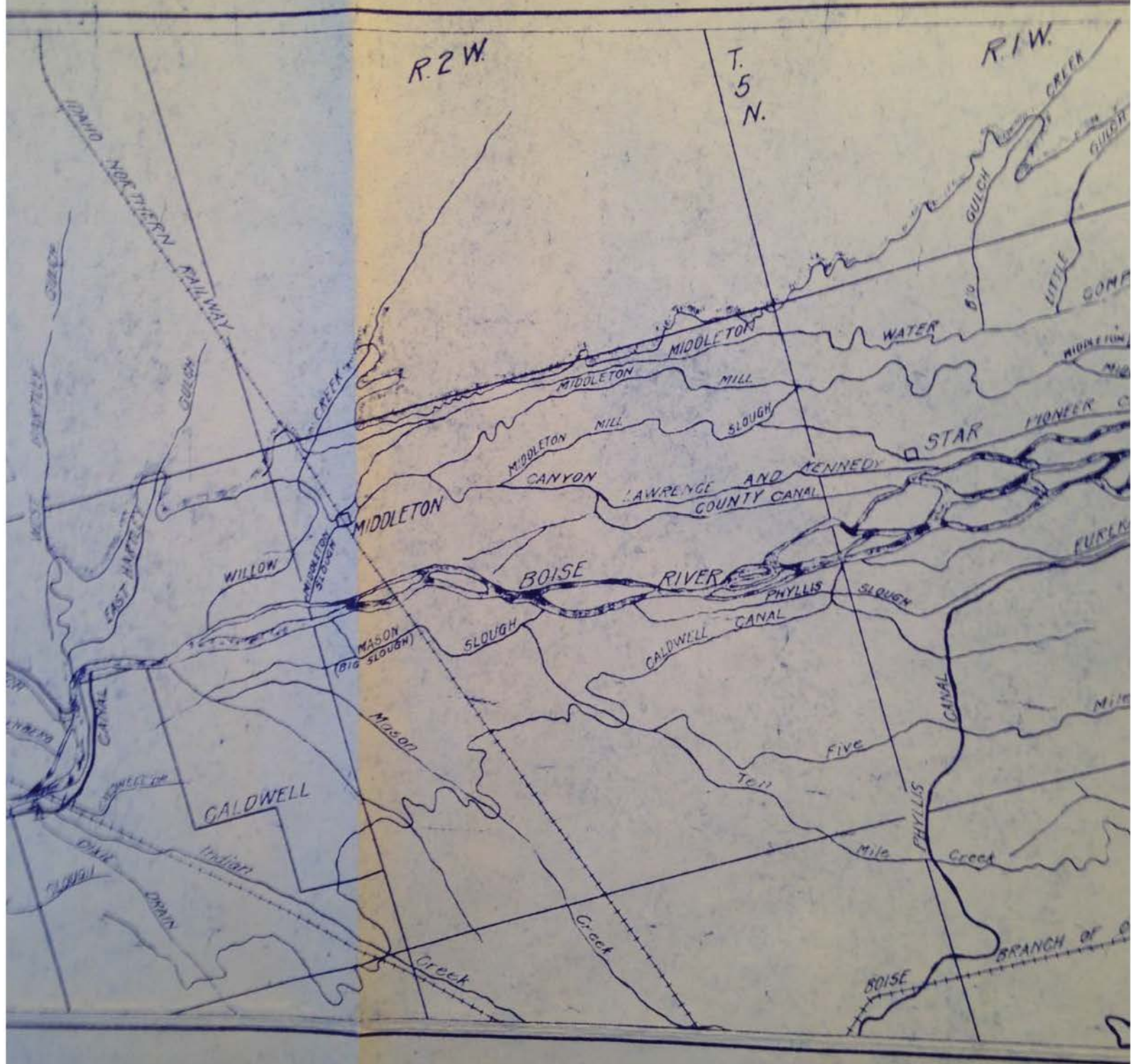
R. 4 W.

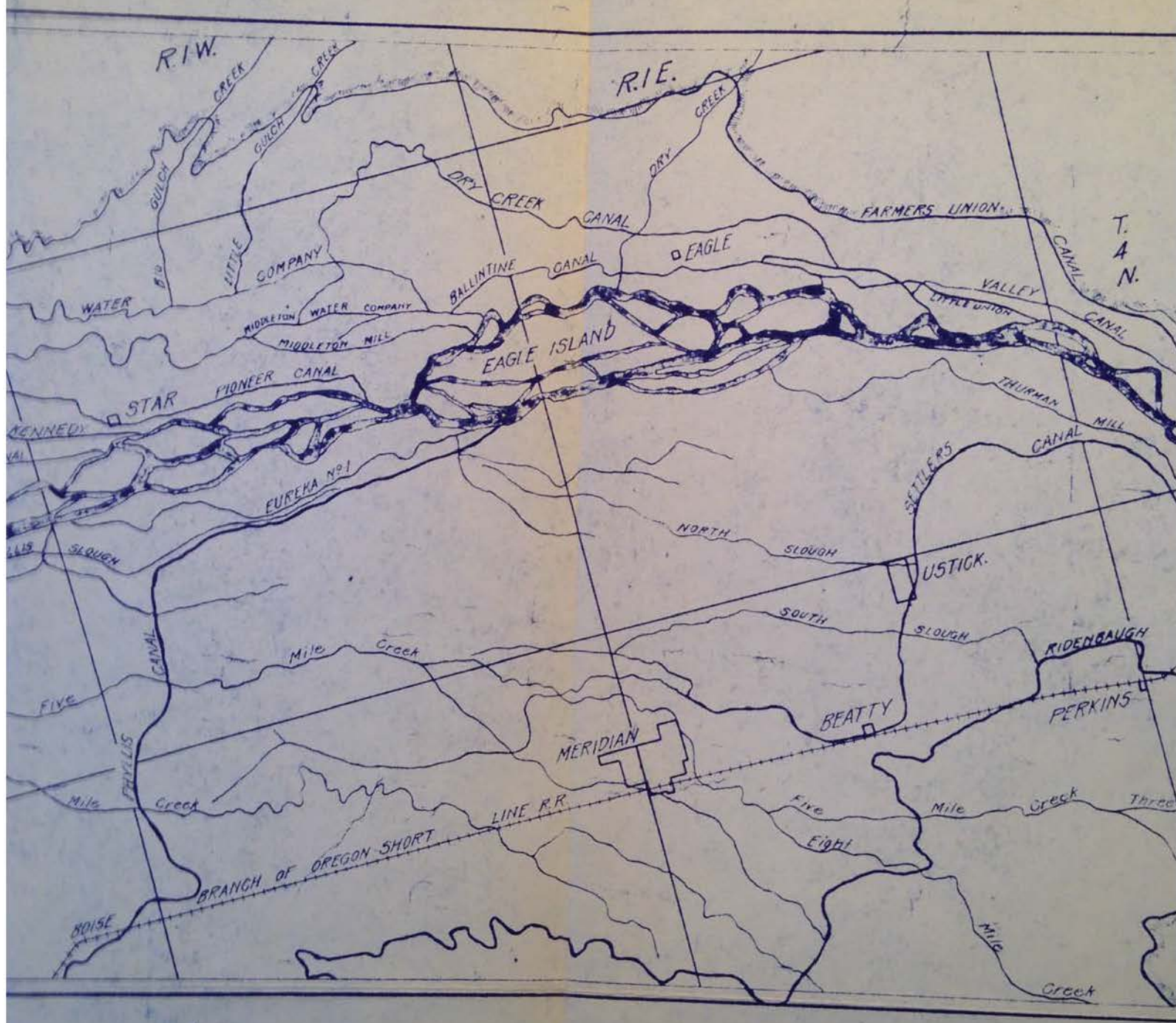
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IDAHO NORTHERN RAILWAY

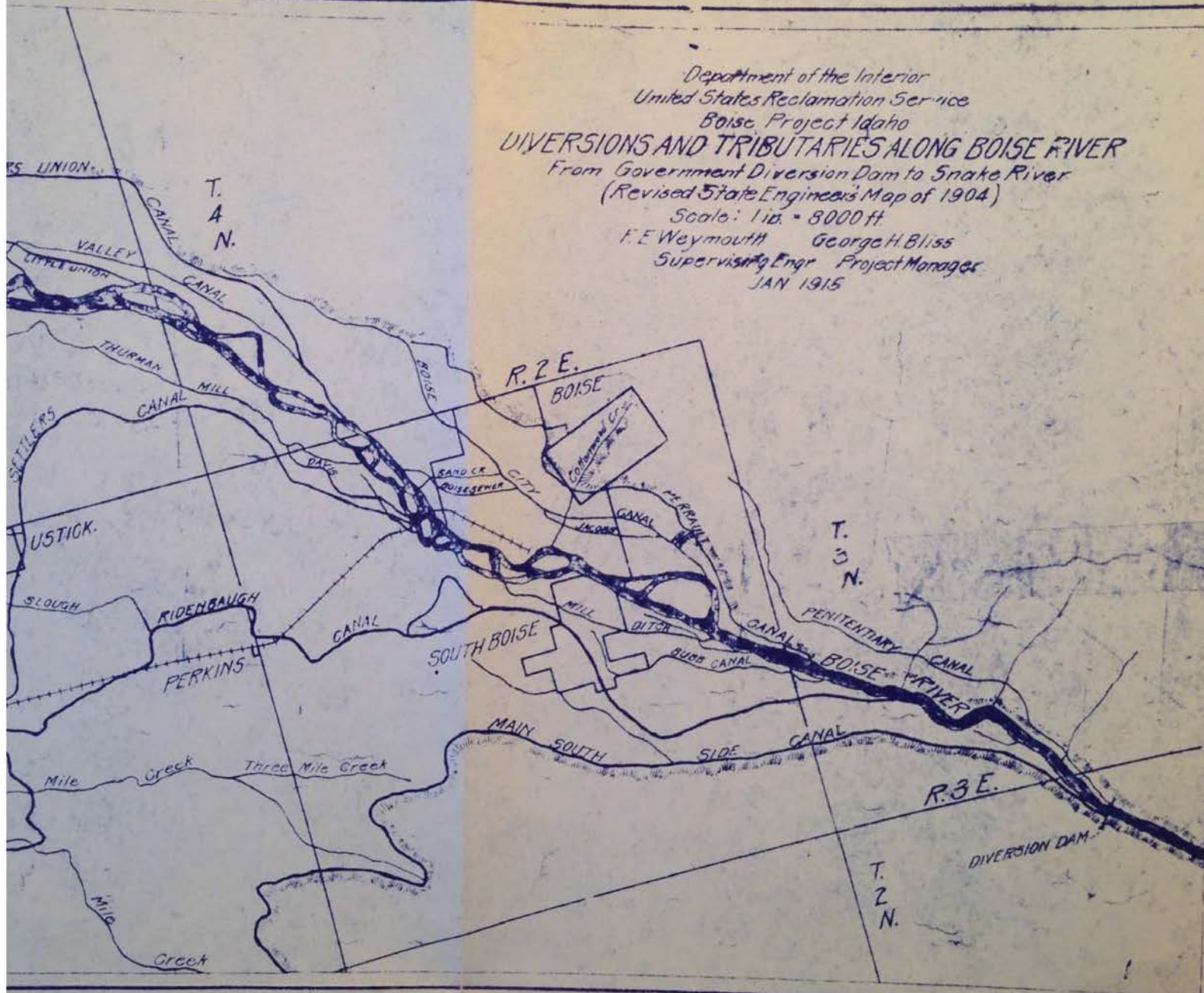


T. 4 N.





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



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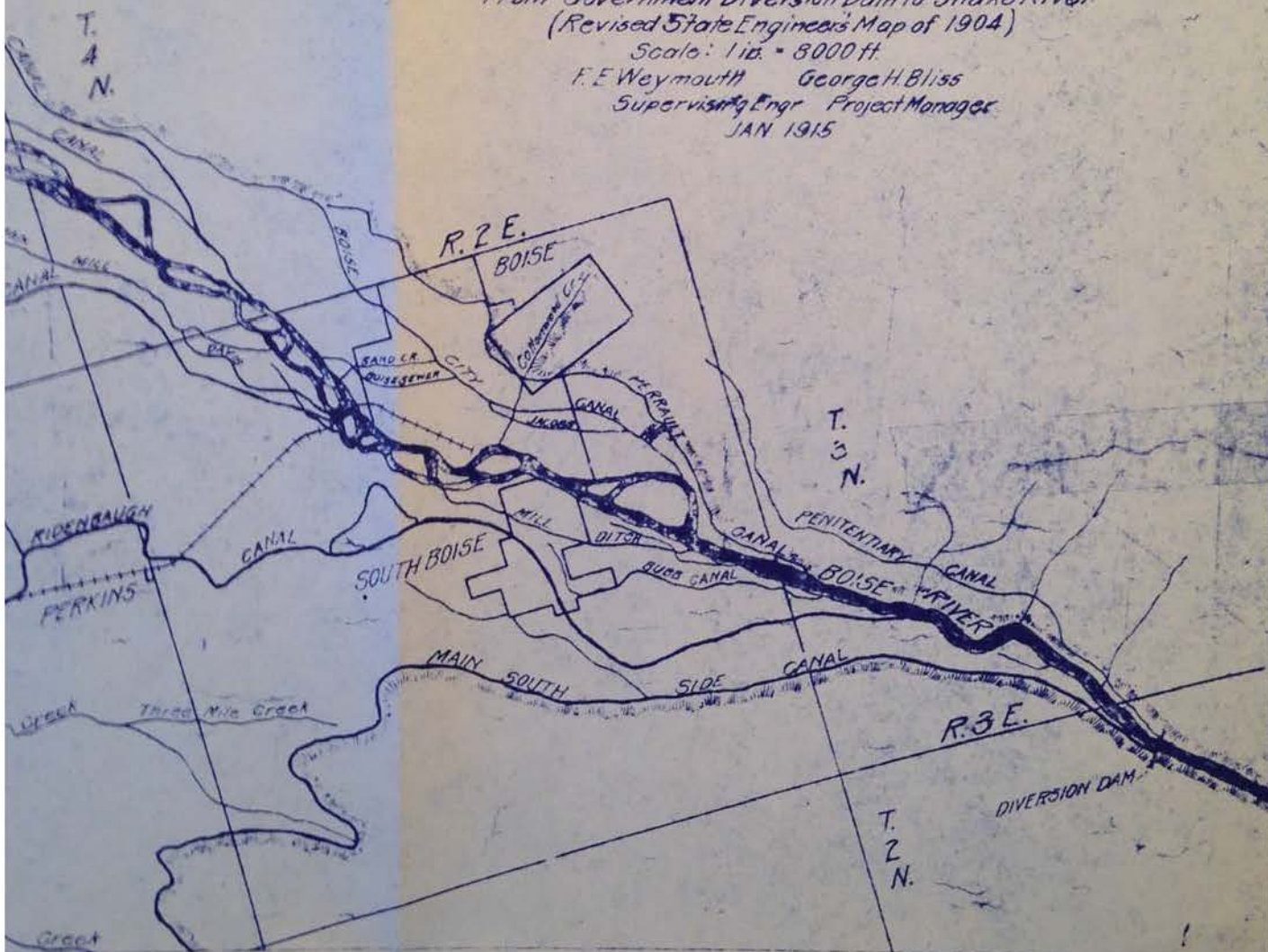


CHART NO. 2

| YEAR | 1    | 2    | 3    | 4    | 5    | 6    | 730    | 31   | TOTAL  |
|------|------|------|------|------|------|------|--------|------|--------|
| 1941 | 953  | 664  | 662  | 690  | 704  | 967  | 89008  | 911  | 27,130 |
| 1942 | 612  | 612  | 612  | 927  | 737  | 737  | 73788  | 1281 | 31,091 |
| 1943 | 4510 | 4934 | 3711 | 2796 | 2572 | 2257 | 202850 | 2006 | 76,595 |
| 1944 | 998  | 895  | 979  | 759  | 575  | 685  | 87644  | 752  | 24,706 |
| 1945 | 796  | 703  | 662  | 668  | 803  | 810  | 74784  | 876  | 28,135 |
| 1946 | 2583 | 2013 | 2128 | 1723 | 1881 | 1631 | 121952 | 1085 | 39,765 |
| 1947 | 820  | 1062 | 923  | 620  | 688  | 986  | 101786 | 908  | 30,181 |
| 1948 | 661  | 943  | 884  | 972  | 1020 | 1111 | 114066 | 909  | 32,761 |
| 1949 | 866  | 878  | 818  | 730  | 730  | 825  | 80065  | 738  | 24,519 |
| 1950 | 641  | 735  | 654  | 772  | 509  | 645  | 84719  | 833  | 31,594 |
| 1951 | 1130 | 993  | 1241 | 1259 | 997  | 1017 | 100046 | 1118 | 35,328 |
| 1952 | 799  | 526  | 852  | 469  | 1009 | 989  | 89809  | 1379 | 34,200 |
| 1953 | 776  | 694  | 1345 | 786  | 691  | 810  | 116258 | 1544 | 50,641 |
| 1954 | 809  | 936  | 940  | 954  | 954  | 962  | 99722  | 1482 | 30,768 |
| 1955 | 853  | 737  | 700  | 698  | 698  | 724  | 73838  | 744  | 23,741 |
| 1956 | 2721 | 2662 | 2611 | 2605 | 2454 | 2272 | 197235 | 1220 | 73,757 |
| 1957 | 943  | 963  | 1057 | 768  | 720  | 714  | 74744  | 774  | 26,324 |
| 1958 | 850  | 590  | 490  | 490  | 530  | 604  | 68820  | 1008 | 26,841 |
| 1959 | 968  | 1005 | 1073 | 922  | 704  | 698  | 89686  | 1529 | 38,233 |
| 1960 | 724  | 726  | 735  | 758  | 772  | 890  | 94795  | 823  | 25,832 |
| 1961 | 641  | 724  | 731  | 754  | 707  | 670  | 67723  | 747  | 21,227 |
| 1962 | 742  | 714  | 654  | 682  | 777  | 841  | 100002 | 732  | 27,277 |
| 1963 | 756  | 1107 | 1063 | 1052 | 910  | 681  | 40750  | 939  | 21,806 |
| 1964 | 847  | 803  | 1015 | 712  | 672  | 828  | 114305 | 1032 | 26,085 |
| 1965 | 3669 | 2725 | 2775 | 2824 | 2681 | 2701 | 259416 | 7442 | 80,198 |

| YEAR | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1941 | 959  | 664  | 662  | 690  | 704  | 967  | 890  | 959  | 778  | 857  | 761  | 699  | 622  | 926  | 1076 | 929  | 927  | 878  |
| 1942 | 612  | 612  | 612  | 927  | 737  | 737  | 737  | 999  | 1000 | 1157 | 1052 | 1051 | 841  | 946  | 946  | 621  | 731  | 1306 |
| 1943 | 4510 | 4934 | 3711 | 2796 | 2572 | 2257 | 2026 | 1701 | 1730 | 1701 | 1554 | 1337 | 1344 | 1519 | 1550 | 1636 | 1300 | 1100 |
| 1944 | 998  | 895  | 979  | 759  | 575  | 685  | 876  | 673  | 670  | 671  | 674  | 676  | 684  | 688  | 962  | 934  | 945  | 1042 |
| 1945 | 796  | 703  | 662  | 668  | 803  | 810  | 747  | 1120 | 1193 | 1040 | 1035 | 899  | 902  | 1300 | 1461 | 1305 | 1169 | 1052 |
| 1946 | 2583 | 2013 | 2128 | 1723 | 1881 | 1631 | 1219 | 1544 | 1282 | 1045 | 1240 | 920  | 878  | 1057 | 983  | 866  | 1214 | 1246 |
| 1947 | 820  | 1062 | 923  | 620  | 688  | 986  | 1017 | 1018 | 905  | 903  | 1186 | 1033 | 1074 | 1052 | 788  | 753  | 786  | 733  |
| 1948 | 661  | 943  | 884  | 972  | 1020 | 1111 | 1140 | 2183 | 2282 | 1653 | 1571 | 1494 | 1005 | 866  | 810  | 842  | 940  | 948  |
| 1949 | 866  | 878  | 818  | 730  | 730  | 825  | 800  | 822  | 861  | 868  | 773  | 760  | 777  | 824  | 830  | 850  | 841  | 814  |
| 1950 | 641  | 735  | 654  | 772  | 509  | 645  | 847  | 894  | 903  | 955  | 952  | 707  | 558  | 884  | 624  | 760  | 832  | 706  |
| 1951 | 1130 | 993  | 1241 | 1259 | 997  | 1017 | 1000 | 748  | 949  | 1190 | 1294 | 1188 | 1361 | 1167 | 1124 | 1230 | 1404 | 1165 |
| 1952 | 799  | 526  | 852  | 469  | 1009 | 989  | 898  | 1152 | 1046 | 936  | 1195 | 1463 | 1735 | 904  | 1285 | 1544 | 1618 | 581  |
| 1953 | 776  | 694  | 1345 | 786  | 691  | 810  | 1165 | 731  | 1103 | 1275 | 1657 | 1090 | 1736 | 2377 | 1738 | 1741 | 1662 | 2309 |
| 1954 | 809  | 936  | 940  | 954  | 954  | 962  | 997  | 945  | 910  | 893  | 860  | 955  | 911  | 874  | 846  | 824  | 831  | 862  |
| 1955 | 853  | 737  | 700  | 698  | 698  | 724  | 736  | 741  | 744  | 746  | 752  | 754  | 755  | 754  | 758  | 774  | 791  | 805  |
| 1956 | 2721 | 2662 | 2611 | 2605 | 2454 | 2272 | 1972 | 1955 | 1790 | 1787 | 1688 | 1702 | 1865 | 1891 | 2179 | 2652 | 3282 | 4416 |
| 1957 | 943  | 963  | 1057 | 768  | 720  | 714  | 741  | 747  | 748  | 790  | 817  | 882  | 985  | 1079 | 969  | 930  | 880  | 821  |
| 1958 | 850  | 590  | 490  | 490  | 530  | 604  | 680  | 732  | 747  | 898  | 992  | 1220 | 1153 | 1120 | 914  | 875  | 852  | 852  |
| 1959 | 968  | 1005 | 1073 | 922  | 704  | 698  | 899  | 1055 | 1277 | 1205 | 1151 | 1101 | 1318 | 1317 | 1439 | 1567 | 1511 | 1330 |
| 1960 | 724  | 726  | 735  | 758  | 772  | 890  | 942  | 1048 | 971  | 995  | 966  | 1059 | 983  | 1024 | 911  | 790  | 794  | 715  |
| 1961 | 641  | 724  | 731  | 754  | 707  | 670  | 673  | 667  | 673  | 704  | 762  | 745  | 736  | 728  | 742  | 720  | 716  | 709  |
| 1962 | 742  | 714  | 654  | 682  | 777  | 841  | 1009 | 1194 | 1377 | 1345 | 1046 | 1024 | 913  | 931  | 848  | 847  | 791  | 916  |
| 1963 | 756  | 1107 | 1063 | 1052 | 910  | 681  | 401  | 732  | 619  | 921  | 663  | 347  | 276  | 367  | 498  | 881  | 820  | 800  |
| 1964 | 847  | 803  | 1015 | 712  | 672  | 828  | 1147 | 836  | 670  | 579  | 748  | 788  | 775  | 634  | 544  | 866  | 770  | 934  |
| 1965 | 3669 | 2725 | 2775 | 2824 | 2681 | 2701 | 2594 | 2336 | 1813 | 2160 | 2321 | 2011 | 1836 | 1893 | 1941 | 1557 | 1885 | 1872 |

## NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JANUARY

|     | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | TOTAL  |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 2   | 926  | 1076 | 929  | 927  | 878  | 884  | 888  | 890  | 886  | 884  | 917  | 1030 | 1215 | 1172 | 942  | 811  | 808  | 911  | 27,130 |
| 1   | 946  | 946  | 621  | 731  | 1306 | 866  | 756  | 866  | 748  | 976  | 1119 | 1265 | 1511 | 1172 | 1323 | 1489 | 1388 | 1281 | 31,091 |
| 1   | 1519 | 1550 | 1636 | 1300 | 1100 | 1315 | 2010 | 2179 | 3728 | 4603 | 4259 | 3563 | 3199 | 2987 | 2703 | 2505 | 2250 | 2006 | 76,595 |
| 1   | 688  | 962  | 934  | 945  | 1042 | 827  | 824  | 822  | 722  | 730  | 940  | 827  | 828  | 823  | 733  | 748  | 744  | 752  | 24,706 |
| 2   | 1300 | 1461 | 1305 | 1169 | 1052 | 1034 | 1035 | 704  | 830  | 739  | 663  | 815  | 806  | 737  | 774  | 772  | 684  | 876  | 28,135 |
| 8   | 1057 | 983  | 866  | 1214 | 1246 | 1157 | 1111 | 940  | 1164 | 1117 | 1362 | 1209 | 1045 | 1073 | 1104 | 993  | 952  | 1085 | 39,765 |
| 4   | 1052 | 788  | 753  | 786  | 733  | 1073 | 1245 | 1132 | 1276 | 865  | 1119 | 1114 | 1125 | 1157 | 913  | 921  | 986  | 908  | 30,181 |
| 5   | 866  | 810  | 842  | 940  | 948  | 964  | 827  | 872  | 924  | 1244 | 1208 | 1030 | 906  | 760  | 481  | 545  | 766  | 909  | 32,761 |
| 7   | 824  | 830  | 850  | 841  | 814  | 785  | 780  | 788  | 806  | 811  | 793  | 732  | 686  | 719  | 722  | 727  | 765  | 738  | 24,519 |
| 8   | 884  | 624  | 760  | 832  | 706  | 767  | 1079 | 1300 | 1874 | 2235 | 2173 | 1789 | 1237 | 1251 | 1182 | 1271 | 1019 | 833  | 31,594 |
| 1   | 1167 | 1124 | 1230 | 1404 | 1165 | 1058 | 1107 | 1050 | 1321 | 1324 | 1154 | 1252 | 1219 | 1404 | 1171 | 747  | 946  | 1118 | 35,328 |
| 35  | 904  | 1285 | 1544 | 1618 | 581  | 1254 | 1132 | 974  | 966  | 1375 | 1249 | 1257 | 987  | 1452 | 976  | 1089 | 1109 | 1379 | 34,200 |
| 36  | 2377 | 1738 | 1741 | 1662 | 2309 | 4536 | 3814 | 2852 | 2266 | 1732 | 1452 | 1546 | 1525 | 1085 | 1647 | 1698 | 1258 | 1544 | 50,641 |
| 11  | 874  | 846  | 824  | 831  | 862  | 885  | 897  | 967  | 942  | 919  | 1023 | 1023 | 1127 | 1219 | 1272 | 1327 | 1422 | 1482 | 30,768 |
| 55  | 754  | 758  | 774  | 791  | 805  | 818  | 815  | 851  | 846  | 821  | 826  | 804  | 752  | 745  | 740  | 721  | 738  | 744  | 23,741 |
| 65  | 1891 | 2179 | 2652 | 3282 | 4416 | 3354 | 3066 | 2933 | 2838 | 2771 | 2743 | 2568 | 2359 | 2215 | 2149 | 1602 | 1435 | 1220 | 73,757 |
| 85  | 1079 | 969  | 930  | 880  | 821  | 792  | 837  | 856  | 882  | 949  | 945  | 915  | 947  | 749  | 737  | 743  | 744  | 774  | 26,324 |
| 53  | 1120 | 914  | 875  | 852  | 852  | 832  | 848  | 808  | 825  | 839  | 848  | 864  | 932  | 1095 | 1123 | 1110 | 1120 | 1008 | 26,841 |
| 19  | 1317 | 1439 | 1567 | 1511 | 1330 | 1353 | 1231 | 1140 | 1073 | 1046 | 1121 | 1280 | 1489 | 1507 | 1756 | 1582 | 1586 | 1529 | 38,233 |
| 83  | 1024 | 911  | 730  | 794  | 715  | 660  | 674  | 652  | 690  | 771  | 806  | 801  | 821  | 883  | 862  | 791  | 795  | 823  | 25,832 |
| 36  | 728  | 742  | 720  | 716  | 709  | 664  | 593  | 515  | 548  | 618  | 657  | 701  | 669  | 649  | 666  | 675  | 723  | 747  | 21,227 |
| 113 | 931  | 848  | 847  | 791  | 916  | 1002 | 843  | 733  | 702  | 714  | 759  | 771  | 799  | 887  | 910  | 912  | 802  | 732  | 27,277 |
| 276 | 367  | 498  | 881  | 820  | 800  | 750  | 718  | 762  | 466  | 784  | 551  | 524  | 707  | 960  | 111  | 890  | 750  | 939  | 21,806 |
| 775 | 634  | 544  | 866  | 770  | 934  | 991  | 1356 | 756  | 737  | 798  | 842  | 1009 | 966  | 908  | 916  | 741  | 805  | 1032 | 26,085 |
| 136 | 1893 | 1941 | 1557 | 1885 | 1872 | 1915 | 1721 | 2169 | 1922 | 2085 | 2359 | 2173 | 1776 | 1996 | 2706 | 4124 | 6216 | 7442 | 80,198 |

## NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

FEBRUARY

| 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 817  | 843  | 852  | 957  | 831  | 879  | 1140 | 1215 | 1100 | 1102 | 1244 | 1435 | 1469 | 1238 | 1123 | 1163 | 1093 | 994  | 1041 | 1151 | 1069 |
| 1198 | 1073 | 1400 | 1427 | 1432 | 1446 | 1326 | 1382 | 1271 | 1261 | 1285 | 1152 | 1118 | 861  | 997  | 1179 | 1011 | 892  | 739  | 753  | 806  |
| 1859 | 1804 | 1921 | 1657 | 1557 | 1675 | 1571 | 1797 | 1817 | 1522 | 1569 | 1359 | 1648 | 1445 | 1646 | 1758 | 1771 | 1961 | 1944 | 2154 | 2462 |
| 764  | 878  | 1096 | 809  | 1046 | 1165 | 1032 | 1020 | 1159 | 1270 | 791  | 785  | 773  | 785  | 906  | 1053 | 867  | 858  | 979  | 842  | 847  |
| 799  | 1012 | 1467 | 1371 | 1010 | 1077 | 1048 | 1210 | 2213 | 1737 | 1486 | 1353 | 1599 | 3131 | 2857 | 2051 | 1874 | 1550 | 1396 | 1329 | 1302 |
| 1093 | 1162 | 1061 | 1049 | 1186 | 986  | 1102 | 1004 | 914  | 891  | 1028 | 1132 | 941  | 961  | 1074 | 1366 | 1281 | 1232 | 956  | 1237 | 1239 |
| 1014 | 1122 | 953  | 941  | 993  | 1075 | 992  | 940  | 944  | 1148 | 1146 | 1250 | 2090 | 2423 | 2059 | 1886 | 1897 | 1937 | 2145 | 1786 | 1741 |
| 878  | 983  | 1021 | 857  | 836  | 842  | 747  | 913  | 727  | 917  | 666  | 601  | 670  | 902  | 970  | 981  | 917  | 886  | 1227 | 1411 | 1102 |
| 759  | 801  | 827  | 862  | 873  | 883  | 885  | 890  | 862  | 832  | 801  | 770  | 734  | 669  | 682  | 694  | 682  | 691  | 753  | 792  | 841  |
| 833  | 747  | 675  | 1415 | 1134 | 1344 | 1272 | 1181 | 1267 | 1258 | 1091 | 990  | 1165 | 917  | 1112 | 1199 | 1205 | 1202 | 1207 | 1299 | 1223 |
| 757  | 835  | 945  | 1261 | 2237 | 1654 | 2153 | 3231 | 3400 | 3067 | 3290 | 3946 | 3147 | 3254 | 3175 | 2295 | 2409 | 2301 | 2334 | 2198 | 1937 |
| 900  | 1762 | 2068 | 1842 | 1607 | 1437 | 1290 | 1466 | 1611 | 1620 | 918  | 1342 | 1323 | 1272 | 921  | 1187 | 1743 | 1714 | 1215 | 1310 | 1183 |
| 1127 | 1901 | 1834 | 2664 | 2913 | 2320 | 2082 | 2300 | 1921 | 1761 | 1697 | 1535 | 1519 | 1455 | 1550 | 1329 | 1416 | 1404 | 1398 | 1550 | 1008 |
| 1482 | 1472 | 1434 | 1434 | 1347 | 1290 | 1290 | 1329 | 1329 | 1406 | 1431 | 1654 | 2038 | 2230 | 2218 | 2103 | 1966 | 2002 | 1715 | 1663 | 1529 |
| 644  | 502  | 451  | 422  | 495  | 563  | 734  | 968  | 982  | 898  | 795  | 721  | 718  | 721  | 725  | 754  | 823  | 779  | 795  | 764  | 721  |
| 1201 | 1210 | 1211 | 1368 | 1774 | 2202 | 2563 | 2693 | 2863 | 3147 | 2463 | 2120 | 2017 | 1798 | 1686 | 1358 | 1311 | 1380 | 1402 | 1448 | 1590 |
| 850  | 924  | 924  | 935  | 942  | 954  | 972  | 981  | 939  | 901  | 938  | 957  | 966  | 967  | 1040 | 1047 | 1095 | 1079 | 1039 | 1073 | 1183 |
| 1008 | 1012 | 1012 | 1015 | 1026 | 1034 | 1098 | 1104 | 1126 | 1158 | 1211 | 1217 | 1392 | 1937 | 2689 | 3463 | 3104 | 2950 | 2949 | 2982 | 3045 |
| 1393 | 1354 | 1206 | 1106 | 1039 | 1191 | 1229 | 1257 | 1191 | 1138 | 1169 | 1152 | 1036 | 967  | 1072 | 1078 | 1137 | 1313 | 1389 | 1471 | 1401 |
| 793  | 887  | 915  | 961  | 955  | 1001 | 1277 | 1802 | 2714 | 2270 | 1409 | 1453 | 1246 | 1147 | 1005 | 992  | 996  | 965  | 901  | 840  | 805  |
| 935  | 1092 | 1042 | 898  | 815  | 821  | 842  | 892  | 976  | 1103 | 1236 | 1568 | 1449 | 1363 | 1248 | 1020 | 1151 | 1073 | 1034 | 1034 | 1021 |
| 758  | 726  | 887  | 886  | 1034 | 900  | 932  | 978  | 1203 | 1226 | 1746 | 1874 | 2337 | 2535 | 2174 | 2248 | 1836 | 1814 | 1640 | 1552 | 1450 |
| 1684 | 6541 | 4042 | 6708 | 5525 | 4627 | 3771 | 3176 | 2849 | 2477 | 2313 | 2004 | 1831 | 1691 | 1815 | 1662 | 1636 | 1489 | 1594 | 1682 | 2339 |
| 948  | 838  | 1200 | 895  | 668  | 748  | 821  | 646  | 818  | 1225 | 804  | 653  | 920  | 1042 | 850  | 903  | 1205 | 527  | 1116 | 963  | 1052 |
| 7577 | 5853 | 4996 | 4606 | 4135 | 3991 | 3561 | 3300 | 3321 | 3318 | 2744 | 2403 | 2622 | 2878 | 2756 | 2401 | 2286 | 2403 | 2484 | 2433 | 2404 |

## NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

FEBRUARY

| 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30 | 31 | TOTAL  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|--------|
| 1238 | 1123 | 1163 | 1093 | 994  | 1041 | 1151 | 1069 | 1093 | 1369 | 1529 | 1776 | 1535 | 1284 | 1342 |      |    |    | 32,684 |
| 861  | 997  | 1179 | 1011 | 892  | 739  | 753  | 806  | 1477 | 1051 | 1150 | 952  | 922  | 941  | 1079 |      |    |    | 31,581 |
| 1445 | 1646 | 1758 | 1771 | 1961 | 1944 | 2154 | 2462 | 2739 | 3419 | 3440 | 3327 | 2831 | 2870 | 2759 |      |    |    | 58,282 |
| 785  | 906  | 1053 | 867  | 858  | 979  | 842  | 847  | 622  | 916  | 794  | 919  | 798  | 797  | 954  | 780  |    |    | 26,305 |
| 3131 | 2857 | 2051 | 1874 | 1550 | 1396 | 1329 | 1302 | 1115 | 1086 | 1077 | 1051 | 836  | 969  | 1056 |      |    |    | 40,062 |
| 961  | 1074 | 1366 | 1281 | 1232 | 956  | 1237 | 1239 | 1219 | 1257 | 1287 | 1482 | 1546 | 1607 | 1609 |      |    |    | 32,902 |
| 2423 | 2059 | 1886 | 1897 | 1937 | 2145 | 1786 | 1741 | 1834 | 1951 | 2029 | 1972 | 1832 | 1961 | 1578 |      |    |    | 43,639 |
| 902  | 970  | 981  | 917  | 886  | 1227 | 1411 | 1102 | 1326 | 1819 | 1458 | 1222 | 1309 | 1509 | 1340 | 1203 |    |    | 30,240 |
| 669  | 682  | 694  | 682  | 691  | 753  | 792  | 841  | 846  | 846  | 871  | 901  | 916  | 929  | 945  |      |    |    | 22,837 |
| 917  | 1112 | 1199 | 1205 | 1202 | 1207 | 1299 | 1223 | 1221 | 1410 | 1412 | 1935 | 2020 | 1996 | 1975 |      |    |    | 35,705 |
| 3254 | 3175 | 2295 | 2409 | 2301 | 2334 | 2198 | 1937 | 2059 | 1828 | 1815 | 1678 | 2314 | 1528 | 2020 |      |    |    | 63,068 |
| 1272 | 921  | 1187 | 1743 | 1714 | 1215 | 1310 | 1183 | 1269 | 1206 | 1264 | 942  | 1120 | 949  | 1511 | 721  |    |    | 38,754 |
| 1455 | 1550 | 1329 | 1416 | 1404 | 1398 | 1550 | 1008 | 1069 | 1316 | 1356 | 1257 | 811  | 1271 | 1116 |      |    |    | 44,280 |
| 2230 | 2218 | 2103 | 1966 | 2002 | 1715 | 1663 | 1529 | 1410 | 1614 | 1627 | 1714 | 1886 | 1904 | 2120 |      |    |    | 46,637 |
| 721  | 725  | 754  | 823  | 779  | 795  | 764  | 721  | 730  | 730  | 738  | 760  | 760  | 763  | 767  |      |    |    | 20,223 |
| 1798 | 1686 | 1358 | 1311 | 1380 | 1402 | 1448 | 1590 | 1615 | 1650 | 1690 | 1703 | 1588 | 1590 | 1842 | 1772 |    |    | 52,255 |
| 967  | 1040 | 1047 | 1095 | 1079 | 1039 | 1073 | 1183 | 1198 | 1403 | 2437 | 3446 | 4399 | 6586 | 6265 |      |    |    | 46,440 |
| 1937 | 2689 | 3463 | 3104 | 2950 | 2949 | 2982 | 3045 | 2915 | 2809 | 3325 | 3682 | 4557 | 3324 | 2774 |      |    |    | 60,918 |
| 967  | 1072 | 1078 | 1137 | 1313 | 1389 | 1471 | 1401 | 1337 | 1291 | 1335 | 1421 | 1482 | 1581 | 1093 |      |    |    | 34,851 |
| 1147 | 1005 | 992  | 996  | 965  | 901  | 840  | 805  | 958  | 784  | 735  | 886  | 982  | 1040 | 861  | 865  |    |    | 32,445 |
| 1363 | 1248 | 1020 | 1151 | 1073 | 1034 | 1034 | 1021 | 1015 | 1001 | 984  | 945  | 950  | 953  | 954  |      |    |    | 29,415 |
| 2535 | 2174 | 2248 | 1836 | 1814 | 1640 | 1552 | 1450 | 1396 | 1226 | 1341 | 1230 | 1154 | 1050 | 1030 |      |    |    | 39,163 |
| 1691 | 1815 | 1662 | 1636 | 1489 | 1594 | 1682 | 2339 | 1854 | 1567 | 1700 | 1569 | 1611 | 2037 | 1767 |      |    |    | 73,561 |
| 1042 | 850  | 903  | 1205 | 527  | 1116 | 963  | 1052 | 977  | 1060 | 1113 | 1096 | 936  | 857  | 1007 | 1042 |    |    | 26,930 |
| 2878 | 2756 | 2401 | 2286 | 2403 | 2484 | 2433 | 2404 | 2694 | 2787 | 2590 | 2648 | 2480 | 2386 | 3246 |      |    |    | 91,303 |

## NATURAL FLOW OF BOI

BEGINNING 194

MARCH

| YEAR | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1941 | 1678 | 1898 | 1941 | 1823 | 1679 | 1616 | 1569 | 1473 | 1700 | 1708 | 1648 | 1770 | 1372 | 1495 | 1480 | 1318 | 1384 | 1712 | 1967 |
| 1942 | 873  | 1003 | 1035 | 1138 | 1018 | 1122 | 1054 | 1177 | 1115 | 1308 | 1403 | 1593 | 1652 | 1860 | 1479 | 1688 | 1527 | 1468 | 1432 |
| 1943 | 3088 | 2982 | 2899 | 3025 | 3099 | 2745 | 2569 | 2684 | 2919 | 2526 | 2520 | 2460 | 2525 | 3825 | 3899 | 3451 | 3161 | 2860 | 2606 |
| 1944 | 872  | 869  | 872  | 887  | 884  | 996  | 864  | 876  | 768  | 1200 | 1191 | 1182 | 1174 | 1248 | 1012 | 681  | 1196 | 1442 | 1446 |
| 1945 | 903  | 1024 | 1056 | 1012 | 818  | 794  | 816  | 870  | 968  | 1016 | 1035 | 1076 | 1426 | 1746 | 1707 | 1520 | 1403 | 1519 | 1304 |
| 1946 | 1733 | 1580 | 1379 | 1595 | 1565 | 1948 | 1997 | 2033 | 2090 | 2342 | 2900 | 3811 | 4148 | 4131 | 3566 | 3217 | 2843 | 2526 | 2803 |
| 1947 | 1651 | 1539 | 1661 | 1803 | 1607 | 1600 | 1312 | 1485 | 1418 | 1844 | 2758 | 2251 | 2114 | 2004 | 2490 | 2946 | 3095 | 3940 | 4387 |
| 1948 | 1087 | 1173 | 1121 | 1096 | 966  | 976  | 973  | 994  | 997  | 978  | 994  | 1005 | 1015 | 1087 | 1060 | 1126 | 1145 | 1137 | 1121 |
| 1949 | 1113 | 1343 | 1606 | 1746 | 1823 | 1874 | 1915 | 1913 | 1943 | 1941 | 2047 | 1984 | 1977 | 2164 | 2195 | 2425 | 2731 | 2890 | 2995 |
| 1950 | 2698 | 2310 | 2377 | 2328 | 2154 | 2618 | 2476 | 2333 | 2250 | 2232 | 1929 | 1679 | 1486 | 1615 | 1505 | 1502 | 2181 | 3880 | 4755 |
| 1951 | 1694 | 1714 | 1419 | 1608 | 2076 | 1084 | 1520 | 1410 | 995  | 1322 | 1138 | 1413 | 1368 | 1360 | 1491 | 2022 | 1927 | 1587 | 1719 |
| 1952 | 1278 | 1325 | 916  | 1271 | 956  | 864  | 668  | 1288 | 1202 | 1187 | 1670 | 901  | 1329 | 853  | 1348 | 1688 | 1028 | 1861 | 1725 |
| 1953 | 1423 | 1403 | 1427 | 1099 | 1399 | 1165 | 1474 | 976  | 1628 | 1622 | 1895 | 1871 | 2153 | 1965 | 1655 | 1796 | 1786 | 1337 | 1783 |
| 1954 | 1774 | 1611 | 1518 | 1518 | 1427 | 1521 | 1754 | 1924 | 3798 | 5880 | 5016 | 4112 | 3737 | 2692 | 2544 | 2454 | 2346 | 2226 | 2219 |
| 1955 | 760  | 812  | 873  | 913  | 1005 | 1026 | 994  | 993  | 969  | 912  | 859  | 821  | 805  | 764  | 779  | 819  | 833  | 838  | 850  |
| 1956 | 2003 | 2112 | 1793 | 1758 | 2375 | 2084 | 1968 | 2062 | 2267 | 1843 | 1314 | 1314 | 1473 | 1789 | 1791 | 1952 | 2158 | 2508 | 3242 |
| 1957 | 4123 | 3591 | 3195 | 2692 | 2752 | 2847 | 2741 | 2633 | 3376 | 3825 | 2272 | 3425 | 3264 | 2610 | 2484 | 2356 | 2937 | 2692 | 2435 |
| 1958 | 2711 | 2292 | 2014 | 1534 | 1587 | 1521 | 1427 | 1362 | 1364 | 1407 | 1669 | 1533 | 1372 | 1187 | 1512 | 1492 | 1402 | 1515 | 1484 |
| 1959 | 1304 | 1346 | 1488 | 1414 | 1456 | 1460 | 1446 | 1365 | 1687 | 1448 | 1322 | 1321 | 1212 | 1254 | 1177 | 1294 | 1185 | 1177 | 1474 |
| 1960 | 765  | 751  | 820  | 881  | 1114 | 1602 | 1592 | 3131 | 2084 | 1797 | 1142 | 1295 | 1393 | 1295 | 1246 | 1316 | 1171 | 1393 | 1605 |
| 1961 | 1077 | 866  | 1028 | 766  | 1007 | 951  | 920  | 802  | 721  | 1030 | 889  | 760  | 1072 | 1030 | 1201 | 1853 | 1979 | 1822 | 1679 |
| 1962 | 1049 | 1197 | 1208 | 1224 | 1313 | 1182 | 1182 | 1263 | 1223 | 1064 | 1048 | 1098 | 1145 | 1117 | 1013 | 937  | 938  | 1013 | 1065 |
| 1963 | 1852 | 1424 | 1539 | 1426 | 1257 | 1316 | 1275 | 1289 | 1294 | 1300 | 1230 | 1406 | 1289 | 1145 | 1097 | 1202 | 1178 | 1097 | 1050 |
| 1964 | 1148 | 1300 | 1086 | 826  | 1021 | 1092 | 1000 | 921  | 880  | 942  | 914  | 991  | 952  | 976  | 930  | 898  | 898  | 1053 | 1260 |
| 1965 | 3363 | 2531 | 2886 | 2330 | 1915 | 2782 | 2927 | 2909 | 3201 | 3372 | 3686 | 3471 | 3449 | 3504 | 3260 | 3404 | 3249 | 3515 | 3263 |

## NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

MARCH

| 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30    | 31   | TOTAL   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|---------|
| 1495 | 1480 | 1318 | 1384 | 1712 | 1967 | 1942 | 1942 | 1842 | 1922 | 1803 | 1727 | 1774 | 2101 | 2193 | 2305 | 2849  | 3093 | 56,724  |
| 1860 | 1479 | 1688 | 1527 | 1468 | 1432 | 1411 | 1414 | 1442 | 1305 | 1575 | 1447 | 1464 | 1476 | 1546 | 1639 | 1988  | 2250 | 43,902  |
| 3825 | 3899 | 3451 | 3161 | 2860 | 2606 | 2820 | 2026 | 2818 | 2119 | 2521 | 3009 | 3789 | 5285 | 7156 | 9555 | 10692 | 9936 | 117,569 |
| 1248 | 1012 | 681  | 1196 | 1442 | 1446 | 1399 | 1366 | 1122 | 1135 | 1463 | 1179 | 1149 | 1154 | 904  | 1053 | 1094  | 1369 | 34,047  |
| 1746 | 1707 | 1520 | 1403 | 1519 | 1304 | 1172 | 1532 | 2260 | 2813 | 2856 | 2541 | 2242 | 2530 | 2320 | 2510 | 2290  | 2501 | 49,580  |
| 4131 | 3566 | 3217 | 2843 | 2526 | 2803 | 4144 | 5164 | 5371 | 5061 | 5103 | 4335 | 3767 | 4216 | 5462 | 6114 | 6618  | 5740 | 109,302 |
| 2004 | 2490 | 2946 | 3095 | 3940 | 4387 | 4397 | 4613 | 4661 | 4948 | 4541 | 3963 | 3837 | 3541 | 3553 | 3479 | 3709  | 3491 | 90,638  |
| 1087 | 1060 | 1126 | 1145 | 1137 | 1121 | 1086 | 1063 | 1001 | 1117 | 1133 | 1421 | 1342 | 1344 | 1381 | 1543 | 2076  | 2080 | 36,698  |
| 2164 | 2195 | 2425 | 2731 | 2890 | 2995 | 3221 | 3356 | 3362 | 3405 | 3446 | 3169 | 2970 | 2672 | 2564 | 2194 | 2200  | 2233 | 73,417  |
| 1615 | 1505 | 1502 | 2181 | 3880 | 4755 | 3658 | 3185 | 3006 | 2879 | 2729 | 2772 | 2856 | 2715 | 2552 | 2323 | 1969  | 2237 | 77,279  |
| 1360 | 1491 | 2022 | 1927 | 1587 | 1719 | 1817 | 1816 | 2533 | 2602 | 2415 | 2518 | 3130 | 2454 | 4455 | 4220 | 3470  | 3782 | 64,079  |
| 853  | 1348 | 1688 | 1028 | 1861 | 1725 | 1653 | 1838 | 2779 | 2086 | 1330 | 810  | 2856 | 2991 | 3509 | 3384 | 3961  | 2586 | 53,141  |
| 1965 | 1655 | 1796 | 1786 | 1337 | 1783 | 1997 | 1871 | 1495 | 2015 | 1876 | 2659 | 2967 | 2939 | 2966 | 3409 | 3928  | 5376 | 63,355  |
| 2692 | 2544 | 2454 | 2346 | 2226 | 2219 | 2014 | 2091 | 2050 | 1988 | 1943 | 1880 | 1942 | 2143 | 2397 | 2149 | 2104  | 2086 | 74,858  |
| 764  | 779  | 819  | 833  | 838  | 850  | 851  | 781  | 742  | 817  | 817  | 852  | 894  | 992  | 1081 | 1102 | 1134  | 1158 | 27,846  |
| 1789 | 1791 | 1952 | 2158 | 2508 | 3242 | 3040 | 4132 | 4481 | 5136 | 6000 | 7940 | 9559 | 9405 | 7304 | 6699 | 6295  | 6332 | 114,129 |
| 2610 | 2484 | 2356 | 2937 | 2692 | 2435 | 2677 | 3212 | 3828 | 3741 | 3487 | 3167 | 3046 | 3121 | 2881 | 2964 | 3572  | 4101 | 97,046  |
| 1187 | 1512 | 1492 | 1402 | 1515 | 1484 | 1466 | 1708 | 2345 | 3029 | 2885 | 3276 | 3070 | 2727 | 2801 | 2940 | 2748  | 2967 | 62,347  |
| 1254 | 1177 | 1294 | 1185 | 1177 | 1474 | 1309 | 1360 | 1425 | 1414 | 1544 | 1849 | 1722 | 1847 | 1942 | 1987 | 1984  | 2058 | 46,271  |
| 1295 | 1246 | 1316 | 1171 | 1393 | 1605 | 2169 | 2912 | 2954 | 4985 | 5384 | 5531 | 6278 | 6291 | 6093 | 6142 | 5373  | 5910 | 86,415  |
| 1030 | 1201 | 1853 | 1979 | 1822 | 1679 | 1707 | 1843 | 1771 | 1679 | 2573 | 2414 | 2072 | 2459 | 1909 | 1971 | 1713  | 2051 | 45,615  |
| 1117 | 1013 | 937  | 938  | 1013 | 1065 | 1488 | 1448 | 1494 | 1430 | 1451 | 1420 | 1506 | 1866 | 1960 | 2057 | 2053  | 2084 | 41,536  |
| 1145 | 1097 | 1202 | 1178 | 1097 | 1050 | 1099 | 1040 | 1268 | 1551 | 1550 | 1465 | 1341 | 1408 | 2060 | 3680 | 2616  | 2208 | 45,952  |
| 976  | 930  | 898  | 898  | 1053 | 1260 | 1057 | 1249 | 1406 | 1255 | 1053 | 1190 | 1462 | 1286 | 1259 | 1359 | 1600  | 2345 | 35,609  |
| 3504 | 3260 | 3404 | 3249 | 3515 | 3263 | 3161 | 3016 | 2638 | 2899 | 2694 | 2360 | 2705 | 2885 | 2521 | 2452 | 2597  | 2820 | 92,765  |

## NATURAL FLOW OF BOISE

BEGINNING 1941

APRIL

| YEAR | 1    | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    |       |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1941 | 2764 | 3078  | 3048  | 3047  | 3476  | 3237  | 2958  | 2618  | 2631  | 2830  | 3468  | 3201  | 3339  | 3509  | 3396  | 3665  | 3394  | 3243  | 2963  | 26    |
| 1942 | 2592 | 2973  | 3284  | 3741  | 4057  | 3785  | 3879  | 4215  | 4659  | 5444  | 6081  | 7073  | 8215  | 8731  | 9411  | 8204  | 6527  | 6620  | 6098  | 58    |
| 1943 | 8908 | 10250 | 14430 | 14901 | 13749 | 13264 | 14663 | 16969 | 21255 | 18206 | 16138 | 16191 | 18504 | 20265 | 21625 | 22310 | 23229 | 25040 | 23312 | 224   |
| 1944 | 1584 | 1786  | 2125  | 2865  | 2726  | 3144  | 2693  | 2599  | 2622  | 2605  | 2376  | 3092  | 3326  | 2841  | 2721  | 2302  | 2377  | 2310  | 2015  | 22    |
| 1945 | 2671 | 2430  | 2282  | 2132  | 2205  | 1890  | 2576  | 2192  | 2522  | 2329  | 2057  | 2075  | 2045  | 1985  | 2296  | 2082  | 2706  | 2855  | 3445  | 44    |
| 1946 | 6008 | 4982  | 4352  | 4717  | 4841  | 5215  | 6160  | 6164  | 6222  | 5847  | 5218  | 5919  | 7596  | 10219 | 12352 | 13581 | 14780 | 17389 | 18812 | 1861  |
| 1947 | 4810 | 4143  | 4006  | 3747  | 3576  | 3468  | 3305  | 3129  | 2954  | 2778  | 2635  | 2807  | 3063  | 3230  | 4470  | 5633  | 6148  | 6379  | 6440  | 628   |
| 1948 | 1740 | 2024  | 2660  | 2967  | 2723  | 2292  | 2269  | 1997  | 1837  | 2190  | 2201  | 2152  | 2155  | 2437  | 2518  | 3724  | 5472  | 10555 | 8536  | 689   |
| 1949 | 2433 | 2870  | 3339  | 3555  | 4184  | 5078  | 5780  | 5966  | 6176  | 6527  | 6860  | 7696  | 7761  | 5943  | 5790  | 5886  | 7130  | 7765  | 9413  | 1030  |
| 1950 | 2888 | 3787  | 4628  | 4125  | 4107  | 3894  | 4251  | 4659  | 5177  | 4667  | 5832  | 5720  | 6521  | 7448  | 7513  | 7141  | 8013  | 8713  | 9288  | 896   |
| 1951 | 3624 | 3474  | 4934  | 5892  | 7194  | 8135  | 9860  | 10722 | 10962 | 10961 | 10650 | 9941  | 9844  | 11505 | 11254 | 13094 | 10778 | 11156 | 11617 | 1161  |
| 1952 | 3237 | 3410  | 3389  | 3710  | 4755  | 6639  | 8222  | 9276  | 7782  | 6988  | 6943  | 7144  | 8421  | 9827  | 10983 | 9842  | 10395 | 12428 | 14861 | 1461  |
| 1953 | 4682 | 3871  | 3824  | 4380  | 4381  | 4103  | 4956  | 3346  | 3502  | 3669  | 2558  | 2560  | 2634  | 2480  | 1840  | 2836  | 2255  | 3181  | 3909  | 358   |
| 1954 | 1904 | 1625  | 1758  | 2259  | 3169  | 4883  | 5109  | 4388  | 4362  | 4285  | 4049  | 4072  | 4879  | 6936  | 7451  | 7233  | 7499  | 9196  | 10069 | 9621  |
| 1955 | 1161 | 1221  | 1221  | 1230  | 1285  | 1641  | 1927  | 2300  | 2280  | 2297  | 2591  | 2482  | 2364  | 2284  | 2054  | 1886  | 1821  | 1952  | 2105  | 2166  |
| 1956 | 6009 | 6148  | 5364  | 5584  | 5507  | 5628  | 5834  | 5774  | 5660  | 5795  | 7116  | 9006  | 9577  | 10213 | 11061 | 12390 | 13489 | 12607 | 12497 | 14955 |
| 1957 | 4004 | 3798  | 3834  | 3820  | 4137  | 6579  | 6486  | 5838  | 5107  | 5772  | 8513  | 6589  | 6591  | 6719  | 6943  | 6944  | 6696  | 6323  | 6132  | 6122  |
| 1958 | 2910 | 3061  | 3506  | 3911  | 3740  | 3464  | 3334  | 3515  | 3536  | 3412  | 4006  | 3696  | 4066  | 5274  | 6371  | 6712  | 7606  | 8555  | 9242  | 8944  |
| 1959 | 2099 | 2218  | 3632  | 5010  | 5247  | 6138  | 6612  | 5665  | 4929  | 4560  | 4178  | 4443  | 4861  | 5598  | 5227  | 4912  | 4487  | 3814  | 3799  | 3645  |
| 1960 | 4350 | 4339  | 4121  | 4393  | 5945  | 7785  | 10242 | 10483 | 10930 | 11165 | 10822 | 9142  | 7933  | 7136  | 6422  | 5500  | 4990  | 4575  | 4182  | 4772  |
| 1961 | 2366 | 2240  | 3232  | 4486  | 4618  | 3349  | 3110  | 3004  | 2876  | 2080  | 2387  | 2187  | 2594  | 2392  | 2297  | 2346  | 2087  | 3175  | 4469  | 4050  |
| 1962 | 2688 | 3256  | 3773  | 4444  | 4795  | 5065  | 5650  | 6288  | 5777  | 4682  | 4041  | 4147  | 4455  | 5557  | 6996  | 8598  | 8570  | 8559  | 9027  | 10169 |
| 1963 | 2062 | 2080  | 1853  | 1701  | 1796  | 2279  | 4777  | 4708  | 3955  | 3481  | 3194  | 2874  | 2554  | 2882  | 3959  | 4432  | 3516  | 3092  | 2913  | 3106  |
| 1964 | 3694 | 4487  | 3919  | 3680  | 4020  | 4352  | 3938  | 3744  | 3812  | 4341  | 5212  | 5891  | 4233  | 3896  | 4063  | 4865  | 5505  | 4471  | 4524  | 4556  |
| 1965 | 3160 | 4099  | 6098  | 5322  | 5339  | 5508  | 6152  | 6046  | 6034  | 6833  | 6161  | 5868  | 5878  | 6459  | 7256  | 8547  | 10007 | 9260  | 8789  | 12275 |

## NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

APRIL

|      | 14    | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30 | 31 | TOTAL   |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|---------|
| 09   | 3396  | 3665  | 3394  | 3243  | 2963  | 2670  | 2387  | 2370  | 2452  | 2699  | 3128  | 3201  | 3316  | 3543  | 4090  | 4429  |    |    | 94,150  |
| 31   | 9411  | 8204  | 6527  | 6620  | 6098  | 5858  | 6528  | 7779  | 8562  | 7355  | 6099  | 5718  | 5033  | 4620  | 3317  | 4353  |    |    | 170,811 |
| 65   | 21625 | 22310 | 23229 | 25040 | 23312 | 22450 | 18721 | 17930 | 15208 | 15482 | 14783 | 13616 | 12110 | 11161 | 14952 | 13643 |    |    | 503,266 |
| 141  | 2721  | 2302  | 2377  | 2310  | 2015  | 2274  | 2185  | 2848  | 2613  | 2821  | 3624  | 3471  | 3330  | 3282  | 3712  | 4231  |    |    | 82,000  |
| 185  | 2296  | 2082  | 2706  | 2855  | 3445  | 4460  | 6135  | 7701  | 6650  | 6101  | 5125  | 4326  | 3792  | 2729  | 3768  | 4622  |    |    | 101,184 |
| 219  | 12352 | 13581 | 14780 | 17389 | 18812 | 18660 | 15103 | 13559 | 11548 | 11850 | 13257 | 15441 | 16663 | 15853 | 14226 | 13167 |    |    | 319,902 |
| 230  | 4470  | 5633  | 6148  | 6379  | 6440  | 6284  | 6171  | 6313  | 6123  | 6002  | 5480  | 5356  | 5760  | 6191  | 6991  | 7300  |    |    | 144,699 |
| 437  | 2518  | 3724  | 5472  | 10555 | 8536  | 6896  | 6096  | 9614  | 8938  | 6732  | 6461  | 5890  | 5108  | 4452  | 4411  | 5165  |    |    | 132,212 |
| 943  | 5790  | 5886  | 7130  | 7765  | 9413  | 10308 | 8503  | 7089  | 8258  | 8197  | 10023 | 9325  | 8906  | 9226  | 9241  | 9046  |    |    | 208,274 |
| 448  | 7513  | 7141  | 8013  | 8713  | 9288  | 8968  | 9687  | 11164 | 11175 | 11063 | 8717  | 8276  | 7747  | 7186  | 6576  | 6012  |    |    | 204,893 |
| 505  | 11254 | 13094 | 10778 | 11156 | 11617 | 11612 | 9103  | 9634  | 8658  | 7951  | 8088  | 7476  | 7865  | 8281  | 11574 | 11017 |    |    | 276,856 |
| 1827 | 10983 | 9842  | 10395 | 12428 | 14861 | 14611 | 12836 | 12801 | 13075 | 13849 | 16380 | 18536 | 22122 | 23239 | 21444 | 18794 |    |    | 335,949 |
| 1480 | 1840  | 2836  | 2255  | 3181  | 3909  | 3581  | 6299  | 7202  | 9882  | 9941  | 10534 | 9021  | 9668  | 11656 | 12779 | 9568  |    |    | 165,098 |
| 5936 | 7451  | 7233  | 7499  | 9196  | 10069 | 9628  | 8428  | 8032  | 8010  | 8131  | 8461  | 8924  | 8890  | 9496  | 9340  | 8555  |    |    | 191,021 |
| 2284 | 2054  | 1886  | 1821  | 1952  | 2105  | 2166  | 2375  | 2690  | 2892  | 3215  | 2826  | 2489  | 2241  | 2489  | 2624  | 2802  |    |    | 64,911  |
| 5213 | 11061 | 12390 | 13489 | 12607 | 12497 | 14959 | 15071 | 16939 | 17221 | 16150 | 15141 | 13577 | 15057 | 13854 | 13131 | 11892 |    |    | 318,251 |
| 6719 | 6943  | 6944  | 6696  | 6323  | 6132  | 6122  | 6532  | 6317  | 6556  | 6892  | 6880  | 6234  | 5500  | 5385  | 5949  | 7427  |    |    | 180,628 |
| 5274 | 6371  | 6712  | 7606  | 8555  | 9242  | 8944  | 8577  | 9218  | 8207  | 6997  | 6108  | 5368  | 4938  | 4630  | 4415  | 4565  |    |    | 161,884 |
| 5598 | 5227  | 4912  | 4487  | 3814  | 3799  | 3649  | 3545  | 3737  | 3918  | 3864  | 4659  | 5445  | 6322  | 5600  | 5174  | 5025  |    |    | 138,367 |
| 7136 | 6422  | 5500  | 4990  | 4575  | 4182  | 4772  | 4571  | 4417  | 4662  | 3847  | 4034  | 3759  | 3422  | 3729  | 3741  | 3885  |    |    | 179,494 |
| 2392 | 2297  | 2346  | 2087  | 3175  | 4469  | 4050  | 3214  | 3265  | 3260  | 2072  | 2364  | 2358  | 2186  | 2368  | 2765  | 2835  |    |    | 86,032  |
| 5557 | 6996  | 8598  | 8570  | 8559  | 9027  | 10169 | 11343 | 9548  | 8780  | 8620  | 9355  | 8675  | 8000  | 8306  | 8152  | 6612  |    |    | 203,928 |
| 2882 | 3959  | 4432  | 3516  | 3092  | 2913  | 3106  | 2831  | 2487  | 2413  | 2531  | 2412  | 2571  | 2858  | 3276  | 3528  | 4028  |    |    | 90,149  |
| 3896 | 4063  | 4865  | 5505  | 4471  | 4524  | 4556  | 4945  | 5258  | 5310  | 4826  | 3814  | 3665  | 3757  | 3326  | 3702  | 5277  |    |    | 131,083 |
| 6459 | 7256  | 8547  | 10007 | 9260  | 8789  | 12273 | 16365 | 20258 | 20854 | 18531 | 17595 | 17086 | 16351 | 16794 | 16395 | 16772 |    |    | 312,090 |

## NATURAL FLOW OF BOISE RI

BEGINNING 1941

MAY

| YEAR | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1941 | 4890  | 5168  | 5018  | 5531  | 5646  | 5678  | 4968  | 4609  | 4612  | 4308  | 4367  | 5127  | 7386  | 8408  | 7496  | 6193  | 5543  | 5536  | 5708  | 510   |
| 1942 | 4049  | 4010  | 3767  | 3545  | 3454  | 3481  | 3320  | 3456  | 3734  | 4349  | 4477  | 4364  | 4144  | 4097  | 4044  | 4151  | 4093  | 3815  | 3906  | 369   |
| 1943 | 13118 | 14472 | 15282 | 15085 | 15650 | 14752 | 21884 | 11194 | 10220 | 10225 | 9810  | 9272  | 8431  | 8266  | 7851  | 7404  | 7311  | 7009  | 6906  | 731   |
| 1944 | 4472  | 4415  | 3900  | 3741  | 3793  | 4412  | 5143  | 5600  | 5514  | 5168  | 5134  | 5178  | 5509  | 6077  | 7059  | 7632  | 7270  | 6542  | 5688  | 507   |
| 1945 | 5984  | 6978  | 8661  | 10592 | 11644 | 10720 | 9978  | 9101  | 9082  | 9218  | 10489 | 9101  | 8230  | 8448  | 7555  | 6677  | 7216  | 7208  | 6601  | 590   |
| 1946 | 11798 | 10583 | 10259 | 10837 | 12416 | 13481 | 12844 | 13260 | 12128 | 11745 | 10582 | 10286 | 9306  | 9563  | 9170  | 9087  | 9507  | 10011 | 10750 | 10746 |
| 1947 | 6899  | 7787  | 10947 | 11509 | 11660 | 11547 | 11766 | 12725 | 13838 | 11347 | 10891 | 9953  | 8473  | 7965  | 7504  | 7733  | 7063  | 7056  | 7143  | 6705  |
| 1948 | 4839  | 4538  | 3728  | 4393  | 4204  | 4307  | 5353  | 6539  | 6472  | 5797  | 5101  | 4613  | 5081  | 5491  | 6409  | 7046  | 8026  | 10024 | 11750 | 12004 |
| 1949 | 8043  | 7824  | 7289  | 6740  | 6507  | 6212  | 6294  | 7196  | 8178  | 9129  | 9835  | 10188 | 11441 | 11785 | 12313 | 12729 | 11484 | 11045 | 11133 | 10828 |
| 1950 | 5296  | 6068  | 5497  | 6494  | 5131  | 5004  | 4335  | 4258  | 5085  | 4557  | 5345  | 5562  | 6933  | 9553  | 11897 | 13385 | 13675 | 12924 | 12287 | 9602  |
| 1951 | 9164  | 8318  | 7239  | 7238  | 7299  | 8201  | 9732  | 12301 | 11980 | 12087 | 12460 | 13367 | 12371 | 10540 | 11714 | 8739  | 9745  | 10377 | 11258 | 11542 |
| 1952 | 14338 | 14047 | 16513 | 18001 | 18954 | 15799 | 16476 | 15533 | 15390 | 15081 | 14556 | 13358 | 16047 | 16502 | 16169 | 14231 | 12343 | 11652 | 12801 | 12544 |
| 1953 | 7935  | 6442  | 5512  | 5136  | 4791  | 6975  | 7413  | 8286  | 7592  | 6106  | 6086  | 5339  | 5084  | 5266  | 5493  | 5817  | 6208  | 7529  | 7120  | 9544  |
| 1954 | 7364  | 6445  | 5803  | 6282  | 6125  | 8165  | 8936  | 9704  | 10855 | 11776 | 13308 | 12853 | 11978 | 11087 | 9993  | 10824 | 11422 | 12411 | 12226 | 13404 |
| 1955 | 3296  | 3601  | 4040  | 4105  | 4134  | 5011  | 6697  | 7088  | 8417  | 8309  | 7939  | 7918  | 7917  | 7326  | 6984  | 5892  | 4734  | 4318  | 4549  | 5889  |
| 1956 | 10218 | 10200 | 9871  | 10211 | 10496 | 10826 | 11384 | 10702 | 11094 | 11328 | 10238 | 9987  | 8960  | 8698  | 7933  | 8258  | 9716  | 11258 | 14370 | 15780 |
| 1957 | 9410  | 10872 | 11712 | 11176 | 10375 | 9666  | 11186 | 12224 | 12850 | 12759 | 13083 | 12804 | 13328 | 13687 | 13505 | 13044 | 13377 | 13270 | 16619 | 16751 |
| 1958 | 4928  | 6924  | 8263  | 9839  | 11248 | 13513 | 14715 | 13949 | 13445 | 14578 | 15390 | 17413 | 17483 | 14213 | 12587 | 12839 | 12626 | 15234 | 17097 | 18188 |
| 1959 | 5870  | 7805  | 6827  | 6045  | 5108  | 4994  | 4463  | 4717  | 4858  | 5013  | 4497  | 4591  | 4796  | 5934  | 7852  | 9040  | 7963  | 7080  | 6054  | 5228  |
| 1960 | 3922  | 4261  | 4763  | 5023  | 5203  | 5127  | 5294  | 6438  | 6965  | 6909  | 8763  | 10699 | 11842 | 11130 | 8927  | 7912  | 7473  | 6667  | 6028  | 5170  |
| 1961 | 3605  | 3983  | 4617  | 4084  | 4042  | 3808  | 3334  | 2429  | 3246  | 2857  | 4098  | 3591  | 3619  | 3057  | 3477  | 4048  | 3907  | 4219  | 3877  | 4241  |
| 1962 | 5923  | 5454  | 5382  | 5560  | 6148  | 6512  | 7110  | 7186  | 8119  | 8257  | 8418  | 8076  | 7119  | 6456  | 5976  | 6170  | 5872  | 5189  | 5656  | 6199  |
| 1963 | 5324  | 5703  | 5653  | 5674  | 5329  | 5798  | 6273  | 6450  | 6695  | 6577  | 6139  | 5546  | 5105  | 5078  | 4751  | 4947  | 5387  | 5940  | 6881  | 8164  |
| 1964 | 7016  | 7799  | 6326  | 5226  | 4862  | 4139  | 4017  | 4340  | 4358  | 4562  | 5850  | 6130  | 6761  | 7602  | 8271  | 8506  | 9883  | 9949  | 9920  | 10053 |
| 1965 | 20503 | 19705 | 17118 | 14545 | 13382 | 11788 | 10434 | 8291  | 9438  | 8986  | 8298  | 9611  | 11222 | 12687 | 14355 | 15060 | 15555 | 16142 | 15059 | 14140 |

## NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

MAY

| 14 | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    | TOTAL   |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| 08 | 7496  | 6193  | 5543  | 5536  | 5708  | 5101  | 4809  | 4875  | 5676  | 6643  | 7222  | 7181  | 8861  | 8155  | 6497  | 5834  | 5620  | 182,668 |
| 97 | 4044  | 4151  | 4093  | 3815  | 3906  | 3693  | 4044  | 4664  | 6595  | 9166  | 8745  | 10608 | 10690 | 8987  | 7899  | 6931  | 6560  | 162,838 |
| 66 | 7851  | 7404  | 7311  | 7009  | 6906  | 7316  | 8041  | 8851  | 10237 | 12494 | 14458 | 14525 | 16433 | 15392 | 15465 | 16213 | 16835 | 361,402 |
| 77 | 7059  | 7632  | 7270  | 6542  | 5688  | 5076  | 4361  | 4248  | 4142  | 3824  | 3550  | 3409  | 3269  | 3789  | 3721  | 4432  | 5576  | 151,604 |
| 48 | 7555  | 6677  | 7216  | 7208  | 6601  | 5903  | 5382  | 5033  | 4993  | 5600  | 6638  | 6372  | 6538  | 6147  | 6452  | 6932  | 7120  | 236,573 |
| 63 | 9170  | 9087  | 9507  | 10011 | 10750 | 10746 | 10134 | 9995  | 10297 | 9414  | 8760  | 8863  | 10914 | 10528 | 10264 | 9346  | 7956  | 325,830 |
| 65 | 7504  | 7733  | 7063  | 7056  | 7143  | 6705  | 7403  | 7922  | 7782  | 7407  | 7316  | 7548  | 7862  | 8080  | 7846  | 6708  | 6497  | 272,882 |
| 91 | 6409  | 7046  | 8026  | 10024 | 11750 | 12004 | 11158 | 9708  | 9347  | 9066  | 9469  | 11787 | 12502 | 14185 | 15260 | 13357 | 11342 | 252,896 |
| 78 | 12313 | 12729 | 11484 | 11045 | 11133 | 10828 | 10219 | 9157  | 8361  | 8248  | 7608  | 8249  | 8084  | 9373  | 9402  | 9520  | 9017  | 283,431 |
| 53 | 11897 | 13385 | 13675 | 12924 | 12287 | 9602  | 8307  | 10851 | 12138 | 13535 | 13021 | 11443 | 11009 | 11542 | 11799 | 11588 | 11627 | 279,748 |
| 54 | 11714 | 8739  | 9745  | 10377 | 11258 | 11542 | 11650 | 11353 | 12580 | 12793 | 13796 | 12825 | 12596 | 13931 | 14035 | 12879 | 10811 | 344,921 |
| 50 | 16169 | 14231 | 12343 | 11652 | 12801 | 12544 | 13861 | 13676 | 12967 | 11778 | 13056 | 14007 | 15740 | 13838 | 14449 | 13520 | 12560 | 449,787 |
| 26 | 5493  | 5817  | 6208  | 7529  | 7120  | 9544  | 9170  | 7865  | 7045  | 6758  | 5485  | 5115  | 4725  | 4821  | 8049  | 6183  | 6898  | 201,788 |
| 08 | 9993  | 10824 | 11422 | 12411 | 12226 | 13404 | 14699 | 13747 | 11000 | 9763  | 9044  | 8390  | 7863  | 6614  | 5783  | 5228  | 4974  | 298,066 |
| 32 | 6984  | 5892  | 4734  | 4318  | 4549  | 5889  | 7548  | 9905  | 9657  | 8668  | 7661  | 6974  | 6186  | 5930  | 5467  | 5763  | 6712  | 198,635 |
| 69 | 7933  | 8258  | 9716  | 11258 | 14370 | 15780 | 16976 | 18860 | 19581 | 20134 | 22949 | 20931 | 19423 | 19484 | 17472 | 16500 | 16839 | 420,677 |
| 63 | 13505 | 13044 | 13377 | 13270 | 16619 | 16751 | 16930 | 12150 | 11422 | 10232 | 9262  | 8974  | 9657  | 10360 | 11241 | 12253 | 12790 | 376,969 |
| 21 | 12587 | 12839 | 12626 | 15234 | 17097 | 18188 | 21254 | 21745 | 21221 | 20507 | 20419 | 18831 | 18502 | 18827 | 17475 | 15608 | 14326 | 473,187 |
| 93 | 7852  | 9040  | 7963  | 7080  | 6054  | 5228  | 4541  | 4930  | 4240  | 4322  | 4512  | 4193  | 4039  | 4271  | 4133  | 3980  | 3901  | 165,797 |
| 13 | 8927  | 7912  | 7473  | 6667  | 6028  | 5170  | 5073  | 4941  | 4367  | 4461  | 3891  | 3735  | 3766  | 3948  | 4148  | 4736  | 5599  | 187,181 |
| 03 | 3477  | 4048  | 3907  | 4219  | 3877  | 4241  | 5448  | 5761  | 5954  | 6612  | 7773  | 7721  | 7830  | 7495  | 6624  | 6442  | 7610  | 149,409 |
| 45 | 5976  | 6170  | 5872  | 5189  | 5656  | 6199  | 6284  | 6047  | 5717  | 6431  | 7609  | 7251  | 7021  | 6491  | 6557  | 6308  | 6731  | 203,229 |
| 07 | 4751  | 4947  | 5387  | 5940  | 6881  | 8164  | 8736  | 9586  | 10149 | 11480 | 11183 | 10794 | 10233 | 9380  | 9276  | 9198  | 9029  | 226,458 |
| 60 | 8271  | 8506  | 9883  | 9949  | 9920  | 10052 | 10938 | 10763 | 9732  | 8614  | 7798  | 7008  | 7457  | 7523  | 7869  | 7611  | 7757  | 228,640 |
| 68 | 14355 | 15060 | 15555 | 16142 | 15059 | 14140 | 14144 | 14677 | 15194 | 15156 | 14067 | 12773 | 11853 | 12018 | 12361 | 13826 | 15728 | 418,116 |

NATURAL FLOW OF BOIS

BEGINNING 1941

JUNE

| YEAR | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1941 | 5876  | 5273  | 4713  | 4985  | 5028  | 4885  | 5212  | 6341  | 5866  | 5148  | 4826  | 4982  | 5120  | 5417  | 5474  | 5217  | 4718  | 4390  | 4612  |
| 1942 | 6271  | 5752  | 5626  | 5932  | 6318  | 6766  | 8006  | 9385  | 9868  | 9502  | 8497  | 7225  | 6400  | 6171  | 6105  | 6822  | 6402  | 5525  | 5420  |
| 1943 | 15587 | 14754 | 12962 | 11286 | 10258 | 8909  | 8350  | 8004  | 7816  | 8370  | 9666  | 10493 | 11513 | 11171 | 10305 | 10063 | 9048  | 9978  | 11871 |
| 1944 | 5791  | 5553  | 5041  | 4788  | 4389  | 4168  | 4099  | 4084  | 4583  | 4943  | 4477  | 4254  | 4137  | 4007  | 4063  | 4095  | 4112  | 3762  | 3506  |
| 1945 | 7248  | 7584  | 8171  | 8810  | 8477  | 7996  | 7594  | 7816  | 6873  | 8299  | 7485  | 6911  | 6696  | 6727  | 6164  | 5678  | 5343  | 5416  | 5806  |
| 1946 | 7950  | 7533  | 7764  | 9114  | 10131 | 9775  | 8965  | 8249  | 7785  | 7505  | 7573  | 6965  | 6209  | 6199  | 6482  | 6365  | 5913  | 5539  | 5244  |
| 1947 | 7015  | 6887  | 6980  | 6014  | 5562  | 5299  | 5299  | 5342  | 6372  | 6867  | 5991  | 5421  | 4395  | 4743  | 4539  | 4785  | 4962  | 5051  | 5334  |
| 1948 | 10513 | 10900 | 11606 | 12316 | 11288 | 11163 | 11210 | 10962 | 10880 | 10534 | 10190 | 9669  | 9047  | 8398  | 7682  | 7075  | 6428  | 5872  | 5495  |
| 1949 | 8708  | 7602  | 6441  | 5588  | 5222  | 5867  | 5323  | 6598  | 6795  | 7171  | 7009  | 7447  | 6908  | 6266  | 5531  | 4828  | 4980  | 4145  | 3728  |
| 1950 | 10066 | 10139 | 10220 | 10932 | 10648 | 10879 | 11713 | 11063 | 9479  | 8073  | 7511  | 8098  | 8915  | 7834  | 8115  | 8634  | 9085  | 9759  | 8926  |
| 1951 | 9487  | 8497  | 7265  | 6970  | 6227  | 7755  | 6914  | 6277  | 5708  | 5396  | 5479  | 6034  | 7203  | 7536  | 8584  | 9851  | 10513 | 9966  | 9533  |
| 1952 | 12410 | 11938 | 11735 | 13212 | 13470 | 13830 | 13581 | 13783 | 12050 | 12664 | 10948 | 10492 | 7899  | 7788  | 7471  | 7157  | 6311  | 6538  | 5654  |
| 1953 | 7869  | 8636  | 9229  | 9010  | 9655  | 9255  | 8956  | 8815  | 8799  | 8842  | 9178  | 10758 | 13803 | 14870 | 12978 | 11011 | 10254 | 12398 | 12700 |
| 1954 | 5160  | 4757  | 4385  | 3988  | 4415  | 4803  | 4695  | 4456  | 4422  | 4339  | 4657  | 4615  | 4424  | 4644  | 5219  | 6412  | 6907  | 5971  | 5393  |
| 1955 | 6794  | 6665  | 6080  | 6046  | 6573  | 7172  | 8291  | 9501  | 10435 | 10478 | 10018 | 10242 | 9799  | 9361  | 7923  | 7971  | 6687  | 6408  | 5760  |
| 1956 | 18157 | 18296 | 16328 | 15324 | 13984 | 11825 | 10740 | 10140 | 10421 | 11121 | 11715 | 11500 | 10650 | 10277 | 9793  | 9658  | 7847  | 7102  | 6561  |
| 1957 | 12988 | 13502 | 14147 | 15587 | 15865 | 15921 | 15212 | 13000 | 11902 | 10310 | 9070  | 8717  | 8409  | 7867  | 6622  | 6285  | 5575  | 5046  | 5144  |
| 1958 | 12658 | 11471 | 10461 | 10328 | 9988  | 9513  | 10055 | 10402 | 10499 | 10045 | 9345  | 8848  | 9282  | 8774  | 8230  | 7494  | 8033  | 8428  | 8462  |
| 1959 | 3978  | 3982  | 4244  | 4701  | 5361  | 6151  | 7024  | 7529  | 7633  | 7502  | 7001  | 6361  | 6257  | 6509  | 7003  | 7660  | 7663  | 7262  | 6877  |
| 1960 | 6567  | 7981  | 8868  | 9307  | 9141  | 8558  | 7911  | 7947  | 7246  | 6584  | 6157  | 6056  | 6043  | 5954  | 5896  | 6316  | 5860  | 5021  | 4575  |
| 1961 | 6072  | 5981  | 6129  | 5680  | 5377  | 5919  | 5686  | 5769  | 5392  | 5475  | 4961  | 4923  | 5095  | 3585  | 4531  | 3622  | 3459  | 3333  | 3142  |
| 1962 | 6631  | 6960  | 7599  | 8823  | 7722  | 6930  | 6095  | 5618  | 5331  | 6174  | 7207  | 8450  | 8969  | 8377  | 7798  | 7656  | 8035  | 7180  | 7671  |
| 1963 | 9315  | 8852  | 8018  | 7732  | 7905  | 7631  | 6881  | 6681  | 6484  | 7143  | 6852  | 6110  | 6453  | 7112  | 7817  | 8486  | 8495  | 8559  | 7644  |
| 1964 | 6911  | 7508  | 8650  | 8393  | 8594  | 8456  | 9027  | 9249  | 8072  | 7337  | 6629  | 6329  | 5640  | 5471  | 5789  | 6545  | 8214  | 7688  | 7064  |
| 1965 | 16246 | 14692 | 14116 | 15031 | 15908 | 15845 | 16184 | 15912 | 16274 | 16537 | 16415 | 16777 | 16910 | 15016 | 12332 | 10399 | 9527  | 8926  | 8747  |

NATURAL FLOW OF BOIS

BEGINNING 1941

JUNE

| YEAR | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1941 | 5876  | 5273  | 4713  | 4985  | 5028  | 4885  | 5212  | 6341  | 5866  | 5148  | 4826  | 4982  | 5120  | 5417  | 5474  | 5217  | 4718  | 4390  | 4612  |
| 1942 | 6271  | 5752  | 5626  | 5932  | 6318  | 6766  | 8006  | 9385  | 9868  | 9502  | 8497  | 7225  | 6400  | 6171  | 6105  | 6822  | 6402  | 5525  | 5420  |
| 1943 | 15587 | 14754 | 12962 | 11286 | 10258 | 8909  | 8350  | 8004  | 7816  | 8370  | 9666  | 10493 | 11513 | 11171 | 10305 | 10063 | 9048  | 9978  | 11871 |
| 1944 | 5791  | 5553  | 5041  | 4798  | 4389  | 4168  | 4099  | 4084  | 4583  | 4943  | 4477  | 4254  | 4137  | 4007  | 4063  | 4095  | 4112  | 3762  | 3506  |
| 1945 | 7248  | 7584  | 8171  | 8810  | 8477  | 7996  | 7594  | 7816  | 6873  | 8299  | 7485  | 6911  | 6696  | 6727  | 6164  | 5678  | 5343  | 5416  | 5806  |
| 1946 | 7950  | 7533  | 7764  | 9114  | 10131 | 9775  | 8965  | 8249  | 7785  | 7505  | 7573  | 6965  | 6209  | 6199  | 6482  | 6365  | 5913  | 5539  | 5244  |
| 1947 | 7015  | 6887  | 6980  | 6014  | 5562  | 5299  | 5299  | 5342  | 6372  | 6867  | 5991  | 5421  | 4395  | 4743  | 4539  | 4785  | 4962  | 5051  | 5334  |
| 1948 | 10513 | 10900 | 11606 | 12316 | 11238 | 11163 | 11210 | 10962 | 10880 | 10534 | 10190 | 9669  | 9047  | 8398  | 7682  | 7075  | 6428  | 5872  | 5495  |
| 1949 | 8708  | 7602  | 6441  | 5588  | 5222  | 5867  | 5323  | 6598  | 6795  | 7171  | 7009  | 7447  | 6908  | 6266  | 5531  | 4828  | 4980  | 4145  | 3728  |
| 1950 | 10066 | 10139 | 10220 | 10932 | 10648 | 10879 | 11713 | 11063 | 9479  | 8073  | 7511  | 8098  | 8915  | 7834  | 8115  | 8634  | 9085  | 9759  | 8926  |
| 1951 | 9487  | 8497  | 7265  | 6970  | 6227  | 7755  | 6914  | 6277  | 5708  | 5396  | 5479  | 6034  | 7203  | 7536  | 8584  | 9851  | 10513 | 9966  | 9533  |
| 1952 | 12410 | 11938 | 11735 | 13212 | 13470 | 13830 | 13581 | 13783 | 12050 | 12664 | 10948 | 10492 | 7839  | 7788  | 7471  | 7157  | 6311  | 6538  | 5654  |
| 1953 | 7369  | 8636  | 9229  | 9010  | 9655  | 9255  | 8956  | 8815  | 8799  | 8842  | 9178  | 10758 | 13803 | 14870 | 12978 | 11011 | 10254 | 12398 | 12700 |
| 1954 | 5160  | 4757  | 4385  | 3988  | 4415  | 4803  | 4695  | 4456  | 4422  | 4339  | 4657  | 4615  | 4424  | 4644  | 5219  | 6412  | 6807  | 5971  | 5393  |
| 1955 | 6794  | 6665  | 6080  | 6046  | 6573  | 7172  | 8291  | 9501  | 10435 | 10478 | 10018 | 10242 | 9799  | 9361  | 7923  | 7971  | 6687  | 6408  | 5760  |
| 1956 | 18157 | 18296 | 16328 | 15324 | 13384 | 11825 | 10740 | 10140 | 10421 | 11121 | 11715 | 11500 | 10650 | 10277 | 9793  | 9658  | 7847  | 7102  | 6561  |
| 1957 | 12988 | 13502 | 14147 | 15587 | 15865 | 15921 | 15212 | 13000 | 11902 | 10310 | 9070  | 8717  | 8409  | 7867  | 6622  | 6285  | 5575  | 5046  | 5144  |
| 1958 | 12658 | 11471 | 10461 | 10328 | 9988  | 9513  | 10055 | 10402 | 10499 | 10045 | 9345  | 8848  | 9282  | 8774  | 8230  | 7494  | 8033  | 8428  | 8462  |
| 1959 | 3978  | 3982  | 4244  | 4701  | 5361  | 6151  | 7024  | 7529  | 7633  | 7502  | 7001  | 6361  | 6257  | 6509  | 7003  | 7660  | 7663  | 7262  | 6877  |
| 1960 | 6567  | 7981  | 8868  | 9307  | 9141  | 8558  | 7911  | 7947  | 7246  | 6584  | 6157  | 6056  | 6043  | 5954  | 5896  | 6316  | 5860  | 5021  | 4575  |
| 1961 | 6072  | 5981  | 6129  | 5680  | 5377  | 5919  | 5686  | 5769  | 5392  | 5475  | 4961  | 4923  | 5095  | 3585  | 4531  | 3622  | 3459  | 3333  | 3142  |
| 1962 | 6631  | 6960  | 7599  | 8823  | 7722  | 6930  | 6095  | 5618  | 5331  | 6174  | 7207  | 8450  | 8969  | 8377  | 7798  | 7656  | 8035  | 7180  | 7671  |
| 1963 | 9315  | 8852  | 8018  | 7732  | 7905  | 7631  | 6881  | 6681  | 6484  | 7143  | 6852  | 6110  | 6453  | 7112  | 7817  | 8486  | 8495  | 8559  | 7644  |
| 1964 | 6911  | 7508  | 8650  | 8393  | 8594  | 8456  | 9027  | 9249  | 8072  | 7337  | 6629  | 6329  | 5640  | 5471  | 5789  | 6545  | 8214  | 7688  | 7064  |
| 1965 | 16246 | 14692 | 14116 | 15031 | 15908 | 15845 | 16184 | 15912 | 16274 | 16537 | 16415 | 16777 | 16910 | 15016 | 12332 | 10399 | 9527  | 8926  | 8747  |

## NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JUNE

|     | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29   | 30   | 31 | TOTAL   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|----|---------|
| 7   | 5474  | 5217  | 4718  | 4390  | 4612  | 4450  | 4067  | 3541  | 3436  | 3300  | 3016  | 3077  | 2668  | 2626  | 2656 | 2468 |    | 133,388 |
| 1   | 6105  | 6822  | 6402  | 5525  | 5420  | 5117  | 4791  | 4453  | 4427  | 4650  | 4756  | 4886  | 4527  | 4024  | 3862 | 3701 |    | 181,187 |
| 1   | 10305 | 10063 | 9048  | 9978  | 11871 | 12584 | 11249 | 10070 | 10859 | 10635 | 9768  | 9495  | 9483  | 9715  | 9920 | 9755 |    | 313,877 |
| 7   | 4063  | 4095  | 4112  | 3762  | 3506  | 3582  | 3888  | 3933  | 3924  | 3606  | 3689  | 3732  | 3741  | 3684  | 3228 | 3004 |    | 123,863 |
| 7   | 6164  | 5678  | 5343  | 5416  | 5806  | 6460  | 7091  | 7389  | 7317  | 7137  | 6538  | 6633  | 5948  | 5117  | 4311 | 3963 |    | 202,998 |
| 9   | 6482  | 6365  | 5913  | 5539  | 5244  | 5054  | 5103  | 5241  | 4827  | 5035  | 4566  | 3994  | 3917  | 3468  | 3540 | 3407 |    | 189,412 |
| 13  | 4539  | 4785  | 4962  | 5051  | 5334  | 5103  | 4813  | 4215  | 3548  | 3663  | 3798  | 3631  | 3738  | 3439  | 2971 | 2842 |    | 148,619 |
| 8   | 7682  | 7075  | 6428  | 5872  | 5495  | 4918  | 5009  | 5523  | 4938  | 4634  | 4327  | 4182  | 4086  | 3875  | 3657 | 3476 |    | 229,853 |
| 56  | 5531  | 4828  | 4980  | 4145  | 3728  | 3705  | 3597  | 3301  | 3091  | 3292  | 3073  | 3074  | 2960  | 2558  | 2418 | 2328 |    | 150,554 |
| 34  | 8115  | 9634  | 9085  | 9759  | 8926  | 9710  | 9794  | 10313 | 10051 | 8978  | 7663  | 6895  | 5212  | 6531  | 7034 | 8135 |    | 270,405 |
| 36  | 8584  | 9851  | 10513 | 9966  | 9533  | 8704  | 8506  | 7928  | 7135  | 6408  | 6370  | 5833  | 6263  | 5806  | 5949 | 5691 |    | 219,788 |
| 88  | 7471  | 7157  | 6311  | 6538  | 5654  | 6755  | 6336  | 5380  | 5598  | 5239  | 5328  | 5419  | 5276  | 5236  | 4724 | 5238 |    | 259,400 |
| 70  | 12978 | 11011 | 10254 | 12398 | 12700 | 11478 | 10079 | 9372  | 9297  | 9415  | 9046  | 7988  | 6975  | 6975  | 6895 | 7246 |    | 291,782 |
| 44  | 5219  | 6412  | 6807  | 5971  | 5393  | 5339  | 5530  | 6370  | 6893  | 7728  | 7691  | 7579  | 9807  | 8406  | 6267 | 6387 |    | 171,559 |
| 61  | 7923  | 7971  | 6687  | 6408  | 5760  | 5810  | 6345  | 6853  | 6183  | 6245  | 5718  | 4168  | 4196  | 3928  | 3926 | 4004 |    | 209,580 |
| 77  | 9793  | 9658  | 7847  | 7102  | 6561  | 7223  | 7256  | 7356  | 6144  | 6500  | 5871  | 6087  | 5776  | 5995  | 6042 | 5603 |    | 291,292 |
| 67  | 6622  | 6285  | 5575  | 5046  | 5144  | 5582  | 5863  | 5551  | 5085  | 4971  | 5504  | 4690  | 5019  | 5141  | 5358 | 5073 |    | 259,006 |
| 74  | 8230  | 7494  | 8033  | 8428  | 8462  | 8155  | 7722  | 7191  | 7000  | 6967  | 7002  | 5680  | 5318  | 4764  | 4585 | 4083 |    | 250,783 |
| 09  | 7003  | 7660  | 7663  | 7262  | 6877  | 6500  | 6485  | 6429  | 6326  | 6113  | 5764  | 5482  | 4985  | 4572  | 4104 | 3620 |    | 181,078 |
| 54  | 5896  | 6316  | 5860  | 5021  | 4575  | 4208  | 3939  | 3374  | 3303  | 3094  | 3080  | 2997  | 3013  | 2624  | 2403 | 2652 |    | 166,675 |
| 85  | 4531  | 3622  | 3459  | 3333  | 3142  | 2892  | 2500  | 2296  | 1987  | 1932  | 1762  | 1738  | 1707  | 1359  | 1273 | 1116 |    | 114,693 |
| 77  | 7798  | 7656  | 8035  | 7180  | 7671  | 7908  | 8388  | 7736  | 7496  | 6954  | 6273  | 6728  | 6529  | 5658  | 5148 | 4655 |    | 212,699 |
| 12  | 7817  | 8486  | 8495  | 8559  | 7644  | 7509  | 7389  | 7767  | 6572  | 5182  | 5102  | 4624  | 4128  | 4222  | 4718 | 4569 |    | 205,952 |
| 71  | 5789  | 6545  | 8214  | 7688  | 7064  | 6263  | 5613  | 5641  | 4962  | 5106  | 5478  | 6052  | 6564  | 6288  | 5414 | 4981 |    | 203,928 |
| 016 | 12332 | 10399 | 9527  | 8926  | 8747  | 8667  | 9854  | 10825 | 11692 | 12609 | 12340 | 11663 | 12206 | 10268 | 9026 | 8500 |    | 389,444 |

## NATURAL FLOW OF BOISE

BEGINNING 1941

JULY

| YEAR | 1     | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1941 | 2322  | 2243 | 2039 | 1927 | 1952 | 1710 | 1674 | 1575 | 1513 | 1437 | 1337 | 1296 | 1213 | 1239 | 1233 | 1251 | 1217 | 1219 | 1147 |
| 1942 | 4013  | 4240 | 4155 | 3775 | 3793 | 3472 | 3324 | 3084 | 2814 | 2736 | 2424 | 2238 | 2108 | 2075 | 1899 | 1811 | 1790 | 1696 | 1591 |
| 1943 | 10045 | 9693 | 9197 | 9300 | 8879 | 8231 | 8048 | 8399 | 8360 | 7942 | 7292 | 6508 | 5908 | 5338 | 5040 | 5053 | 4694 | 4405 | 4363 |
| 1944 | 3009  | 3102 | 2688 | 2700 | 2403 | 2513 | 2184 | 2012 | 1856 | 1998 | 1857 | 1698 | 1642 | 1590 | 1519 | 1482 | 1511 | 1455 | 1401 |
| 1945 | 3718  | 3569 | 3697 | 3642 | 3538 | 3165 | 3117 | 2943 | 2881 | 2900 | 2523 | 2409 | 2555 | 2355 | 2179 | 2136 | 2081 | 1791 | 1789 |
| 1946 | 3334  | 3363 | 3476 | 3227 | 3104 | 2957 | 2713 | 2600 | 2587 | 2373 | 2385 | 2246 | 1949 | 1915 | 1811 | 1658 | 1687 | 1744 | 1645 |
| 1947 | 2727  | 2594 | 2681 | 2701 | 2632 | 2476 | 2407 | 2450 | 2533 | 2120 | 2258 | 2132 | 1840 | 1871 | 1856 | 1816 | 1783 | 1801 | 1678 |
| 1948 | 3652  | 3480 | 3149 | 2965 | 2676 | 2504 | 2408 | 2250 | 2112 | 2067 | 1859 | 1818 | 1814 | 1736 | 1500 | 1565 | 1577 | 1497 | 1354 |
| 1949 | 2345  | 2243 | 2200 | 2079 | 2070 | 2094 | 2268 | 2117 | 1900 | 1699 | 1705 | 1663 | 1639 | 1500 | 1431 | 1390 | 1295 | 1296 | 1155 |
| 1950 | 8217  | 8402 | 7729 | 7180 | 6707 | 6330 | 6036 | 5799 | 5235 | 4788 | 4579 | 4039 | 3874 | 3507 | 3215 | 3369 | 3035 | 2818 | 2518 |
| 1951 | 5444  | 5457 | 5231 | 5184 | 5226 | 4489 | 4507 | 4060 | 3758 | 3821 | 3636 | 3409 | 3003 | 2998 | 2845 | 2941 | 2681 | 2766 | 2443 |
| 1952 | 5148  | 4151 | 3933 | 4258 | 3817 | 3764 | 3846 | 3333 | 3218 | 3076 | 3153 | 3534 | 3350 | 3127 | 2507 | 2564 | 2220 | 2354 | 2504 |
| 1953 | 7247  | 7169 | 6740 | 6586 | 6778 | 6462 | 6786 | 6035 | 6033 | 5369 | 5284 | 5022 | 4683 | 4618 | 4453 | 3795 | 3274 | 3260 | 2872 |
| 1954 | 5059  | 4927 | 4530 | 4360 | 4450 | 4445 | 4158 | 4178 | 3573 | 3417 | 2920 | 3120 | 2958 | 2706 | 2848 | 2893 | 2686 | 2509 | 2463 |
| 1955 | 3573  | 3184 | 2743 | 2676 | 3036 | 2560 | 2432 | 2283 | 2303 | 2361 | 2751 | 2133 | 2506 | 2465 | 2116 | 2312 | 2027 | 2196 | 1963 |
| 1956 | 5241  | 4804 | 4459 | 4281 | 3976 | 3925 | 3941 | 3803 | 4020 | 3267 | 3584 | 3423 | 3858 | 3354 | 3340 | 3070 | 2439 | 2619 | 2617 |
| 1957 | 4756  | 4563 | 4422 | 3840 | 3605 | 3351 | 3239 | 2994 | 2949 | 2714 | 2453 | 2702 | 2577 | 2036 | 2372 | 2286 | 1967 | 1815 | 1697 |
| 1958 | 4113  | 3444 | 3513 | 3324 | 3253 | 3197 | 2988 | 2733 | 2786 | 2580 | 2621 | 2242 | 2188 | 2170 | 2145 | 1957 | 2025 | 1977 | 2034 |
| 1959 | 3049  | 2511 | 2563 | 2622 | 2476 | 2299 | 2350 | 2239 | 2162 | 1850 | 1836 | 1945 | 1737 | 1701 | 1512 | 1685 | 1533 | 1341 | 1394 |
| 1960 | 2124  | 2136 | 2040 | 1947 | 2087 | 2086 | 1700 | 1751 | 1572 | 1647 | 1470 | 1423 | 1218 | 1275 | 1230 | 1236 | 1115 | 1258 | 1131 |
| 1961 | 975   | 948  | 1290 | 1291 | 1274 | 1278 | 1189 | 1123 | 1063 | 1062 | 976  | 961  | 960  | 960  | 926  | 876  | 848  | 749  | 733  |
| 1962 | 4588  | 4326 | 3991 | 3533 | 3329 | 2993 | 3096 | 2914 | 2549 | 2827 | 2431 | 2345 | 2388 | 2241 | 2261 | 2074 | 1950 | 1682 | 1677 |
| 1963 | 3998  | 3563 | 3599 | 3904 | 3691 | 3719 | 3327 | 3187 | 3107 | 3029 | 2802 | 2678 | 2461 | 1975 | 2595 | 2369 | 2138 | 1952 | 1565 |
| 1964 | 4714  | 4550 | 4525 | 4187 | 3895 | 3671 | 3589 | 3167 | 3082 | 3028 | 2813 | 2609 | 2443 | 2385 | 2277 | 2153 | 1898 | 2106 | 1857 |
| 1965 | 8567  | 8759 | 8336 | 7977 | 8208 | 8593 | 7913 | 8033 | 7635 | 7867 | 7118 | 6426 | 5829 | 5229 | 4902 | 4894 | 4779 | 4570 | 4694 |

## NATURAL FLOW OF BOISE

BEGINNING 1941

JULY

| YEAR | 1     | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1941 | 2322  | 2243 | 2039 | 1927 | 1952 | 1710 | 1674 | 1575 | 1513 | 1437 | 1337 | 1296 | 1213 | 1239 | 1233 | 1251 | 1217 | 1219 | 1147 |
| 1942 | 4013  | 4240 | 4155 | 3775 | 3793 | 3472 | 3324 | 3084 | 2814 | 2736 | 2424 | 2238 | 2108 | 2075 | 1899 | 1811 | 1790 | 1696 | 1591 |
| 1943 | 10045 | 9693 | 9197 | 9300 | 8879 | 8231 | 8048 | 8399 | 8360 | 7942 | 7292 | 6508 | 5908 | 5338 | 5040 | 5053 | 4694 | 4405 | 4363 |
| 1944 | 3009  | 3102 | 2688 | 2700 | 2403 | 2513 | 2184 | 2012 | 1856 | 1998 | 1857 | 1698 | 1642 | 1590 | 1519 | 1482 | 1511 | 1455 | 1401 |
| 1945 | 3718  | 3569 | 3697 | 3642 | 3538 | 3165 | 3117 | 2943 | 2881 | 2900 | 2523 | 2409 | 2555 | 2355 | 2179 | 2136 | 2081 | 1791 | 1789 |
| 1946 | 3394  | 3363 | 3476 | 3227 | 3104 | 2957 | 2713 | 2600 | 2587 | 2373 | 2385 | 2246 | 1949 | 1915 | 1811 | 1658 | 1687 | 1744 | 1645 |
| 1947 | 2727  | 2594 | 2681 | 2701 | 2632 | 2476 | 2407 | 2450 | 2533 | 2120 | 2258 | 2132 | 1840 | 1871 | 1856 | 1816 | 1783 | 1801 | 1678 |
| 1948 | 3652  | 3480 | 3149 | 2965 | 2676 | 2504 | 2408 | 2250 | 2112 | 2067 | 1859 | 1818 | 1814 | 1736 | 1500 | 1565 | 1577 | 1497 | 1354 |
| 1949 | 2345  | 2243 | 2200 | 2079 | 2070 | 2094 | 2268 | 2117 | 1900 | 1699 | 1705 | 1663 | 1639 | 1500 | 1431 | 1390 | 1295 | 1296 | 1155 |
| 1950 | 8217  | 8402 | 7729 | 7180 | 6707 | 6330 | 6036 | 5799 | 5235 | 4788 | 4579 | 4039 | 3874 | 3507 | 3215 | 3369 | 3035 | 2818 | 2518 |
| 1951 | 5444  | 5457 | 5231 | 5184 | 5226 | 4489 | 4507 | 4060 | 3758 | 3821 | 3636 | 3409 | 3003 | 2998 | 2845 | 2941 | 2681 | 2766 | 2443 |
| 1952 | 5148  | 4151 | 3933 | 4258 | 3817 | 3764 | 3846 | 3333 | 3218 | 3076 | 3153 | 3534 | 3350 | 3127 | 2507 | 2564 | 2220 | 2354 | 2504 |
| 1953 | 7247  | 7169 | 6740 | 6586 | 6778 | 6462 | 6786 | 6035 | 6033 | 5369 | 5284 | 5022 | 4683 | 4618 | 4453 | 3795 | 3274 | 3260 | 2872 |
| 1954 | 5059  | 4927 | 4530 | 4360 | 4450 | 4445 | 4158 | 4178 | 3573 | 3417 | 2920 | 3120 | 2958 | 2706 | 2848 | 2893 | 2686 | 2509 | 2463 |
| 1955 | 3573  | 3184 | 2743 | 2676 | 3036 | 2560 | 2432 | 2283 | 2303 | 2361 | 2751 | 2133 | 2506 | 2465 | 2116 | 2312 | 2027 | 2196 | 1963 |
| 1956 | 5241  | 4804 | 4459 | 4281 | 3976 | 3925 | 3941 | 3803 | 4020 | 3267 | 3584 | 3423 | 3858 | 3354 | 3340 | 3070 | 2439 | 2619 | 2617 |
| 1957 | 4756  | 4563 | 4422 | 3840 | 3605 | 3351 | 3239 | 2994 | 2949 | 2714 | 2453 | 2702 | 2577 | 2036 | 2372 | 2286 | 1967 | 1815 | 1697 |
| 1958 | 4113  | 3444 | 3513 | 3324 | 3253 | 3197 | 2988 | 2733 | 2786 | 2580 | 2621 | 2242 | 2188 | 2170 | 2145 | 1957 | 2025 | 1977 | 2034 |
| 1959 | 3049  | 2511 | 2563 | 2622 | 2476 | 2299 | 2350 | 2239 | 2162 | 1850 | 1836 | 1945 | 1737 | 1701 | 1512 | 1685 | 1533 | 1341 | 1394 |
| 1960 | 2124  | 2136 | 2040 | 1947 | 2087 | 2086 | 1700 | 1751 | 1572 | 1647 | 1470 | 1423 | 1218 | 1275 | 1230 | 1236 | 1115 | 1258 | 1131 |
| 1961 | 975   | 948  | 1290 | 1291 | 1274 | 1278 | 1189 | 1123 | 1063 | 1062 | 976  | 961  | 960  | 960  | 926  | 875  | 848  | 749  | 733  |
| 1962 | 4588  | 4326 | 3991 | 3533 | 3329 | 2993 | 3096 | 2914 | 2549 | 2827 | 2431 | 2345 | 2388 | 2241 | 2261 | 2074 | 1950 | 1682 | 1677 |
| 1963 | 3998  | 3563 | 3599 | 3904 | 3691 | 3719 | 3327 | 3187 | 3107 | 3029 | 2802 | 2678 | 2461 | 1975 | 2595 | 2369 | 2138 | 1952 | 1565 |
| 1964 | 4714  | 4550 | 4525 | 4187 | 3895 | 3671 | 3589 | 3167 | 3082 | 3028 | 2813 | 2609 | 2443 | 2385 | 2277 | 2153 | 1898 | 2106 | 1857 |
| 1965 | 8567  | 8759 | 8336 | 7977 | 8208 | 8593 | 7913 | 8033 | 7635 | 7867 | 7118 | 6426 | 5829 | 5229 | 4902 | 4894 | 4779 | 4570 | 4694 |

## NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JULY

1941 JUL 1941

| 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | TOTAL   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|
| 239  | 1233 | 1251 | 1217 | 1219 | 1147 | 1113 | 1090 | 1041 | 994  | 966  | 947  | 900  | 891  | 1141 | 1079 | 1040 | 980  | 41,666  |
| 075  | 1899 | 1811 | 1790 | 1696 | 1591 | 1530 | 1473 | 1450 | 1417 | 1356 | 1337 | 1280 | 1290 | 1198 | 1161 | 1151 | 1045 | 68,726  |
| 338  | 5040 | 5053 | 4694 | 4405 | 4363 | 4274 | 4063 | 4189 | 4169 | 4086 | 3455 | 3563 | 3448 | 3226 | 3148 | 2845 | 2638 | 179,799 |
| 590  | 1519 | 1482 | 1511 | 1455 | 1401 | 1317 | 1284 | 1347 | 1321 | 1293 | 1251 | 1259 | 1179 | 1149 | 1118 | 1029 | 1084 | 53,191  |
| 355  | 2179 | 2136 | 2081 | 1791 | 1789 | 1709 | 1623 | 1644 | 1504 | 1535 | 1447 | 1328 | 1282 | 1212 | 1209 | 1232 | 1191 | 69,904  |
| 915  | 1811 | 1658 | 1687 | 1744 | 1645 | 1532 | 1456 | 1553 | 1504 | 1382 | 1342 | 1286 | 1333 | 1380 | 1414 | 1356 | 1285 | 63,597  |
| 871  | 1856 | 1816 | 1783 | 1801 | 1678 | 1494 | 1436 | 1402 | 1356 | 1253 | 1209 | 1146 | 1140 | 1105 | 1006 | 1052 | 1092 | 57,047  |
| 736  | 1500 | 1565 | 1577 | 1497 | 1354 | 1350 | 1365 | 1348 | 1296 | 1181 | 1125 | 1020 | 920  | 914  | 969  | 968  | 864  | 53,489  |
| 500  | 1431 | 1390 | 1295 | 1296 | 1155 | 1083 | 1083 | 1080 | 1099 | 1043 | 973  | 927  | 925  | 945  | 930  | 894  | 878  | 45,949  |
| 3507 | 3215 | 3369 | 3035 | 2818 | 2518 | 2402 | 2319 | 2270 | 2040 | 2003 | 1953 | 1902 | 1736 | 1862 | 1755 | 1678 | 1559 | 120,856 |
| 2998 | 2845 | 2941 | 2681 | 2766 | 2443 | 2407 | 2338 | 2136 | 2153 | 1912 | 1688 | 1946 | 1715 | 2222 | 1676 | 2212 | 1541 | 97,845  |
| 3127 | 2507 | 2564 | 2220 | 2354 | 2504 | 2121 | 2195 | 1904 | 2106 | 1990 | 1964 | 1658 | 1702 | 1727 | 1595 | 1745 | 1668 | 86,232  |
| 4618 | 4453 | 3795 | 3274 | 3260 | 2872 | 2699 | 2313 | 2436 | 2277 | 2097 | 2154 | 1909 | 1883 | 1881 | 1785 | 1593 | 1679 | 127,172 |
| 2706 | 2848 | 2893 | 2686 | 2509 | 2463 | 2045 | 1967 | 2100 | 1813 | 1838 | 1833 | 1802 | 1693 | 1692 | 1664 | 1442 | 1389 | 89,478  |
| 2465 | 2116 | 2312 | 2027 | 2196 | 1963 | 1824 | 1660 | 1616 | 1597 | 1624 | 1628 | 1422 | 1295 | 1371 | 1444 | 1444 | 1424 | 65,969  |
| 3354 | 3340 | 3070 | 2439 | 2619 | 2617 | 2203 | 2504 | 2517 | 2361 | 1953 | 1953 | 1952 | 1933 | 1975 | 1902 | 1896 | 1778 | 94,948  |
| 2036 | 2372 | 2286 | 1967 | 1815 | 1697 | 1672 | 1751 | 1647 | 1587 | 1464 | 1439 | 1373 | 1373 | 1348 | 1344 | 1395 | 1422 | 74,153  |
| 2170 | 2145 | 1957 | 2025 | 1977 | 2034 | 1820 | 1808 | 1779 | 1840 | 1685 | 1687 | 1594 | 1535 | 1576 | 1489 | 1527 | 1603 | 71,233  |
| 1701 | 1512 | 1685 | 1533 | 1341 | 1394 | 1406 | 1230 | 1373 | 1238 | 1175 | 1085 | 1093 | 1056 | 1040 | 988  | 984  | 975  | 52,448  |
| 1275 | 1230 | 1236 | 1115 | 1258 | 1131 | 983  | 947  | 1019 | 1011 | 936  | 924  | 832  | 738  | 739  | 776  | 684  | 752  | 40,787  |
| 960  | 926  | 876  | 848  | 749  | 733  | 727  | 729  | 760  | 756  | 750  | 726  | 700  | 686  | 760  | 778  | 781  | 775  | 28,210  |
| 2241 | 2261 | 2074 | 1950 | 1682 | 1677 | 1647 | 1631 | 1613 | 1512 | 1502 | 1459 | 1441 | 1574 | 1555 | 1532 | 1484 | 1311 | 71,456  |
| 1975 | 2595 | 2369 | 2138 | 1952 | 1565 | 2216 | 1769 | 1624 | 1606 | 1690 | 1171 | 1802 | 1460 | 1420 | 1351 | 1334 | 1282 | 74,384  |
| 2385 | 2277 | 2153 | 1898 | 2106 | 1857 | 1805 | 1549 | 1557 | 1453 | 1408 | 1667 | 1211 | 1226 | 1359 | 1360 | 1432 | 1497 | 76,473  |
| 5229 | 4902 | 4894 | 4779 | 4570 | 4694 | 4397 | 3995 | 3836 | 3732 | 3302 | 3244 | 3072 | 2685 | 2903 | 2987 | 2458 | 2616 | 169,482 |

NATURAL FLOW OF BC

BEGINNING 19

AUGUST

| YEAR | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1941 | 943  | 873  | 856  | 848  | 786  | 713  | 736  | 738  | 716  | 702  | 682  | 1339 | 1262 | 1140 | 899  | 839  | 852  | 890  | 1240 |
| 1942 | 1051 | 1009 | 1000 | 1009 | 967  | 972  | 930  | 893  | 929  | 862  | 878  | 784  | 756  | 742  | 745  | 729  | 674  | 688  | 648  |
| 1943 | 2477 | 2514 | 2409 | 2330 | 2308 | 2173 | 2044 | 1875 | 1896 | 2060 | 1656 | 1539 | 1630 | 1644 | 1636 | 1618 | 1594 | 1521 | 1514 |
| 1944 | 1012 | 1000 | 1042 | 1027 | 1002 | 956  | 859  | 783  | 814  | 790  | 770  | 767  | 687  | 650  | 643  | 638  | 631  | 634  | 626  |
| 1945 | 1093 | 1020 | 1077 | 1025 | 961  | 978  | 949  | 1246 | 915  | 915  | 970  | 929  | 912  | 882  | 814  | 799  | 769  | 750  | 759  |
| 1946 | 1283 | 1291 | 1282 | 1249 | 1224 | 1116 | 1099 | 1089 | 1088 | 963  | 934  | 901  | 896  | 854  | 844  | 847  | 814  | 794  | 753  |
| 1947 | 1040 | 1022 | 973  | 900  | 909  | 872  | 838  | 748  | 790  | 737  | 721  | 714  | 644  | 654  | 663  | 672  | 637  | 619  | 613  |
| 1948 | 870  | 957  | 887  | 823  | 745  | 884  | 935  | 836  | 848  | 825  | 848  | 859  | 792  | 745  | 734  | 737  | 753  | 742  | 723  |
| 1949 | 838  | 785  | 764  | 646  | 594  | 604  | 557  | 571  | 625  | 625  | 608  | 662  | 707  | 727  | 767  | 764  | 828  | 831  | 763  |
| 1950 | 1656 | 1530 | 1525 | 1401 | 1552 | 1840 | 1590 | 1597 | 1274 | 1350 | 1471 | 1447 | 1300 | 1400 | 1136 | 1127 | 1017 | 1026 | 949  |
| 1951 | 1515 | 1605 | 1521 | 1630 | 1721 | 1769 | 1389 | 1309 | 1260 | 1341 | 1190 | 1379 | 927  | 1130 | 968  | 867  | 817  | 1110 | 825  |
| 1952 | 1300 | 2104 | 1336 | 1564 | 1186 | 1213 | 1262 | 1487 | 1344 | 1243 | 1214 | 1188 | 998  | 1393 | 1495 | 805  | 823  | 1074 | 948  |
| 1953 | 1536 | 1670 | 1613 | 1409 | 1502 | 1490 | 1492 | 1230 | 1207 | 1197 | 1105 | 1105 | 1103 | 1102 | 1228 | 1193 | 1180 | 1048 | 1056 |
| 1954 | 1337 | 1312 | 1238 | 1240 | 1200 | 1192 | 1129 | 1206 | 1204 | 1180 | 1151 | 1134 | 1144 | 1141 | 1170 | 1180 | 1158 | 1055 | 996  |
| 1955 | 1282 | 1188 | 1107 | 971  | 955  | 864  | 993  | 930  | 942  | 994  | 1009 | 983  | 934  | 902  | 933  | 911  | 902  | 859  | 850  |
| 1956 | 1601 | 1476 | 1406 | 1438 | 1397 | 1350 | 1250 | 1234 | 1067 | 1036 | 1001 | 925  | 1009 | 959  | 841  | 809  | 841  | 794  | 841  |
| 1957 | 1343 | 1251 | 1170 | 1072 | 956  | 962  | 969  | 961  | 950  | 955  | 953  | 901  | 891  | 834  | 779  | 789  | 725  | 745  | 724  |
| 1958 | 1644 | 1641 | 1626 | 1468 | 1297 | 1268 | 1228 | 1165 | 1117 | 1108 | 1094 | 1059 | 1091 | 987  | 893  | 928  | 854  | 866  | 875  |
| 1959 | 1025 | 1059 | 1010 | 952  | 709  | 638  | 515  | 692  | 714  | 725  | 724  | 650  | 607  | 577  | 551  | 502  | 547  | 611  | 641  |
| 1960 | 836  | 794  | 938  | 893  | 881  | 838  | 763  | 721  | 682  | 634  | 681  | 636  | 591  | 624  | 526  | 511  | 616  | 627  | 748  |
| 1961 | 657  | 660  | 658  | 679  | 681  | 696  | 628  | 546  | 483  | 492  | 528  | 594  | 646  | 633  | 683  | 779  | 800  | 763  | 704  |
| 1962 | 1334 | 1277 | 1269 | 1243 | 1126 | 1152 | 1094 | 1082 | 956  | 991  | 964  | 912  | 960  | 906  | 869  | 845  | 838  | 724  | 721  |
| 1963 | 1062 | 1199 | 1146 | 1002 | 985  | 924  | 1025 | 1047 | 870  | 1159 | 1084 | 1005 | 748  | 947  | 888  | 607  | 759  | 886  | 816  |
| 1964 | 1218 | 1208 | 1101 | 1113 | 1110 | 1008 | 941  | 651  | 1218 | 824  | 801  | 812  | 919  | 831  | 630  | 704  | 691  | 785  | 451  |
| 1965 | 2318 | 2516 | 2383 | 2399 | 2587 | 2085 | 1902 | 2097 | 1674 | 1755 | 1957 | 1480 | 2720 | 2653 | 2042 | 1913 | 1773 | 1656 | 1905 |

## NATURAL FLOW OF HOISE RIVER

CHART NO. 2

BEGINNING 1941

AUGUST

| 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | TOTAL  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 800  | 830  | 830  | 830  | 890  | 1240 | 962  | 832  | 879  | 800  | 714  | 860  | 776  | 781  | 787  | 749  | 724  | 686  | 26,603 |
| 743  | 729  | 729  | 724  | 688  | 648  | 611  | 596  | 625  | 597  | 623  | 626  | 596  | 605  | 568  | 578  | 593  | 603  | 23,487 |
| 1836 | 1818 | 1818 | 1824 | 1521 | 1514 | 1457 | 1400 | 1366 | 1315 | 1304 | 1280 | 1278 | 1244 | 1234 | 1211 | 1179 | 1172 | 51,878 |
| 843  | 838  | 838  | 831  | 634  | 626  | 616  | 581  | 542  | 536  | 547  | 534  | 523  | 529  | 518  | 537  | 539  | 503  | 21,842 |
| 814  | 789  | 789  | 750  | 759  | 726  | 727  | 710  | 714  | 720  | 679  | 646  | 623  | 584  | 588  | 590  | 588  |      | 25,658 |
| 844  | 847  | 814  | 794  | 753  | 780  | 735  | 768  | 802  | 804  | 835  | 861  | 868  | 876  | 874  | 834  | 829  |      | 29,187 |
| 863  | 872  | 837  | 619  | 613  | 589  | 579  | 586  | 569  | 555  | 586  | 567  | 546  | 521  | 510  | 553  | 598  |      | 21,525 |
| 734  | 737  | 733  | 742  | 723  | 679  | 690  | 670  | 679  | 684  | 680  | 677  | 667  | 652  | 644  | 636  | 628  |      | 23,529 |
| 767  | 784  | 828  | 831  | 763  | 718  | 654  | 611  | 594  | 572  | 560  | 551  | 566  | 544  | 539  | 556  | 541  |      | 20,262 |
| 1136 | 1127 | 1017 | 1026 | 949  | 1001 | 994  | 1049 | 945  | 1009 | 1094 | 893  | 863  | 960  | 801  | 730  | 724  |      | 37,251 |
| 968  | 887  | 817  | 1110 | 825  | 759  | 841  | 1061 | 1072 | 835  | 1197 | 994  | 933  | 806  | 840  | 766  | 971  |      | 35,348 |
| 1493 | 803  | 823  | 1074 | 948  | 1015 | 1137 | 980  | 1305 | 992  | 532  | 572  | 850  | 904  | 633  | 372  | 1099 |      | 34,368 |
| 1228 | 1133 | 1180 | 1048 | 1056 | 1076 | 1095 | 1116 | 1035 | 1035 | 939  | 924  | 924  | 993  | 994  | 989  | 855  |      | 36,447 |
| 1170 | 1180 | 1138 | 1055 | 996  | 995  | 931  | 1016 | 1009 | 1072 | 997  | 893  | 906  | 884  | 903  | 863  | 809  |      | 33,708 |
| 833  | 811  | 802  | 859  | 850  | 839  | 962  | 977  | 946  | 848  | 797  | 721  | 705  | 711  | 733  | 784  | 739  |      | 28,271 |
| 841  | 809  | 841  | 794  | 841  | 748  | 780  | 841  | 817  | 893  | 931  | 928  | 841  | 841  | 714  | 783  | 776  |      | 31,208 |
| 779  | 789  | 725  | 745  | 724  | 675  | 720  | 708  | 603  | 647  | 603  | 685  | 740  | 641  | 764  | 632  | 624  |      | 25,972 |
| 803  | 828  | 834  | 866  | 875  | 838  | 897  | 875  | 824  | 669  | 658  | 608  | 600  | 662  | 681  | 669  | 693  |      | 30,883 |
| 377  | 331  | 302  | 347  | 611  | 641  | 900  | 974  | 1025 | 1115 | 936  | 866  | 883  | 844  | 849  | 831  | 776  |      | 24,216 |
| 526  | 511  | 618  | 627  | 748  | 779  | 717  | 695  | 635  | 690  | 754  | 839  | 856  | 862  | 807  | 770  | 935  |      | 22,879 |
| 683  | 779  | 800  | 763  | 704  | 629  | 620  | 630  | 618  | 587  | 592  | 589  | 671  | 710  | 701  | 703  | 670  |      | 20,030 |
| 889  | 843  | 838  | 724  | 721  | 766  | 803  | 835  | 856  | 811  | 794  | 789  | 736  | 747  | 748  | 780  | 798  |      | 28,726 |
| 888  | 807  | 759  | 886  | 816  | 775  | 774  | 600  | 550  | 500  | 761  | 771  | 591  | 752  | 806  | 897  | 719  |      | 26,655 |
| 830  | 704  | 691  | 783  | 451  | 717  | 289  | 1027 | 788  | 689  | 700  | 689  | 391  | 448  | 768  | 688  | 836  |      | 25,046 |
| 2042 | 1913 | 1773 | 1656 | 1905 | 1804 | 2075 | 1835 | 2112 | 3175 | 205  | 1576 | 1437 | 1397 | 1179 | 1255 | 1298 |      | 59,163 |

NATURAL FLO

BEGIN

SEP

| YEAR | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1941 | 658  | 634  | 632  | 650  | 640  | 655  | 646  | 627  | 643  | 655  | 653  | 642  | 669  | 698  | 742  | 747  | 740  | 727  | 686  |
| 1942 | 617  | 631  | 599  | 595  | 588  | 558  | 553  | 521  | 515  | 500  | 530  | 554  | 592  | 624  | 632  | 630  | 623  | 623  | 601  |
| 1943 | 1173 | 1175 | 1155 | 1136 | 1100 | 1076 | 1048 | 1022 | 1013 | 957  | 922  | 914  | 882  | 917  | 926  | 889  | 862  | 817  | 783  |
| 1944 | 476  | 473  | 489  | 551  | 574  | 627  | 650  | 640  | 645  | 603  | 568  | 557  | 517  | 509  | 487  | 455  | 477  | 474  | 547  |
| 1945 | 610  | 613  | 606  | 604  | 569  | 586  | 584  | 577  | 609  | 568  | 575  | 611  | 579  | 594  | 563  | 557  | 578  | 589  | 624  |
| 1946 | 804  | 741  | 722  | 720  | 681  | 710  | 724  | 794  | 869  | 865  | 824  | 778  | 717  | 695  | 654  | 661  | 670  | 725  | 793  |
| 1947 | 583  | 614  | 596  | 570  | 605  | 589  | 585  | 630  | 617  | 645  | 652  | 640  | 701  | 705  | 686  | 656  | 637  | 591  | 636  |
| 1948 | 620  | 612  | 606  | 610  | 616  | 620  | 616  | 620  | 620  | 559  | 560  | 570  | 630  | 603  | 592  | 581  | 525  | 507  | 499  |
| 1949 | 544  | 544  | 528  | 513  | 489  | 434  | 437  | 433  | 450  | 524  | 541  | 613  | 630  | 621  | 637  | 568  | 556  | 557  | 502  |
| 1950 | 811  | 714  | 821  | 642  | 508  | 516  | 496  | 541  | 1024 | 1752 | 1297 | 929  | 756  | 984  | 902  | 843  | 839  | 804  | 841  |
| 1951 | 756  | 841  | 1124 | 617  | 775  | 617  | 709  | 570  | 768  | 848  | 643  | 616  | 692  | 904  | 596  | 696  | 736  | 609  | 534  |
| 1952 | 874  | 711  | 1072 | 997  | 666  | 855  | 692  | 321  | 630  | 655  | 874  | 783  | 756  | 2173 | 1067 | 756  | 1032 | 687  | 716  |
| 1953 | 885  | 982  | 976  | 943  | 934  | 897  | 893  | 883  | 850  | 840  | 823  | 811  | 811  | 801  | 800  | 776  | 725  | 729  | 756  |
| 1954 | 797  | 742  | 704  | 683  | 679  | 637  | 635  | 617  | 576  | 628  | 644  | 699  | 697  | 664  | 773  | 774  | 754  | 849  | 871  |
| 1955 | 709  | 631  | 574  | 569  | 598  | 609  | 575  | 591  | 575  | 554  | 663  | 663  | 663  | 599  | 604  | 608  | 686  | 741  | 824  |
| 1956 | 838  | 890  | 885  | 830  | 882  | 862  | 990  | 1008 | 990  | 1003 | 1061 | 1055 | 1050 | 1054 | 1091 | 1050 | 967  | 952  | 885  |
| 1957 | 743  | 793  | 843  | 950  | 1013 | 1006 | 980  | 851  | 905  | 916  | 872  | 899  | 868  | 868  | 864  | 851  | 836  | 849  | 831  |
| 1958 | 777  | 732  | 824  | 920  | 1033 | 1148 | 1128 | 1076 | 958  | 977  | 997  | 936  | 1040 | 948  | 958  | 1061 | 1006 | 1004 | 878  |
| 1959 | 790  | 824  | 1025 | 976  | 921  | 812  | 788  | 570  | 618  | 678  | 587  | 696  | 874  | 999  | 1062 | 1242 | 1330 | 1302 | 1289 |
| 1960 | 872  | 747  | 680  | 685  | 1051 | 811  | 853  | 846  | 633  | 688  | 721  | 747  | 776  | 884  | 924  | 1003 | 910  | 853  | 815  |
| 1961 | 565  | 568  | 593  | 574  | 645  | 637  | 568  | 556  | 525  | 559  | 623  | 656  | 698  | 656  | 604  | 593  | 599  | 722  | 713  |
| 1962 | 838  | 842  | 779  | 789  | 768  | 809  | 819  | 801  | 789  | 736  | 731  | 771  | 817  | 839  | 841  | 857  | 859  | 848  | 821  |
| 1963 | 1037 | 1188 | 920  | 844  | 870  | 885  | 887  | 890  | 887  | 873  | 783  | 730  | 840  | 784  | 1015 | 864  | 798  | 898  | 969  |
| 1964 | 1017 | 1203 | 1251 | 941  | 715  | 827  | 1167 | 732  | 831  | 654  | 667  | 735  | 788  | 735  | 880  | 1167 | 1088 | 687  | 889  |
| 1965 | 1130 | 1130 | 1228 | 952  | 1147 | 1048 | 1043 | 1262 | 2065 | 1723 | 1553 | 1254 | 1429 | 1344 | 1493 | 756  | 1889 | 1156 | 1367 |

## NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

SEPTEMBER

| 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31 | TOTAL  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|--------|
| 698  | 742  | 747  | 740  | 727  | 686  | 699  | 710  | 726  | 726  | 728  | 728  | 731  | 727  | 711  | 714  | 715  |    | 20,659 |
| 624  | 632  | 638  | 623  | 623  | 601  | 620  | 635  | 652  | 666  | 615  | 604  | 572  | 557  | 575  | 536  | 544  |    | 17,670 |
| 917  | 926  | 889  | 862  | 817  | 783  | 787  | 758  | 828  | 858  | 840  | 891  | 815  | 850  | 874  | 882  | 899  |    | 28,049 |
| 509  | 487  | 455  | 477  | 474  | 547  | 606  | 663  | 707  | 689  | 672  | 658  | 636  | 624  | 630  | 620  | 560  |    | 17,384 |
| 594  | 563  | 557  | 578  | 589  | 624  | 630  | 644  | 691  | 829  | 875  | 951  | 963  | 782  | 675  | 681  | 656  |    | 19,573 |
| 695  | 654  | 661  | 670  | 725  | 793  | 857  | 893  | 893  | 889  | 892  | 827  | 783  | 742  | 681  | 682  | 681  |    | 22,967 |
| 705  | 686  | 656  | 637  | 591  | 636  | 627  | 606  | 607  | 615  | 617  | 617  | 619  | 592  | 594  | 582  | 590  |    | 18,604 |
| 603  | 592  | 581  | 525  | 507  | 499  | 474  | 508  | 483  | 504  | 538  | 562  | 590  | 725  | 757  | 806  | 760  |    | 17,873 |
| 621  | 637  | 568  | 556  | 557  | 502  | 505  | 489  | 474  | 485  | 503  | 508  | 507  | 503  | 466  | 472  | 534  |    | 15,567 |
| 984  | 902  | 843  | 839  | 804  | 841  | 850  | 846  | 769  | 716  | 712  | 678  | 700  | 750  | 801  | 852  | 938  |    | 24,632 |
| 904  | 596  | 696  | 736  | 609  | 534  | 318  | 805  | 298  | 729  | 717  | 778  | 833  | 704  | 924  | 706  | 812  |    | 21,275 |
| 2173 | 1067 | 756  | 1032 | 687  | 716  | 1311 | 1000 | 613  | 823  | 525  | 825  | 356  | 1466 | 1050 | 576  | 592  |    | 25,554 |
| 801  | 800  | 776  | 725  | 729  | 756  | 751  | 773  | 822  | 789  | 774  | 708  | 651  | 606  | 604  | 604  | 617  |    | 23,814 |
| 664  | 773  | 774  | 754  | 849  | 871  | 824  | 793  | 723  | 685  | 682  | 753  | 660  | 650  | 625  | 653  | 711  |    | 21,182 |
| 599  | 604  | 608  | 686  | 741  | 824  | 840  | 725  | 693  | 608  | 651  | 804  | 821  | 862  | 844  | 768  | 745  |    | 20,397 |
| 1054 | 1091 | 1050 | 967  | 952  | 885  | 839  | 839  | 762  | 731  | 744  | 744  | 822  | 842  | 884  | 935  | 1057 |    | 27,542 |
| 868  | 864  | 851  | 836  | 849  | 831  | 877  | 883  | 931  | 962  | 908  | 901  | 915  | 934  | 878  | 883  | 875  |    | 26,685 |
| 948  | 958  | 1061 | 1006 | 1004 | 878  | 934  | 920  | 828  | 732  | 632  | 625  | 758  | 839  | 846  | 849  | 848  |    | 27,212 |
| 999  | 1062 | 1242 | 1330 | 1302 | 1289 | 1276 | 1516 | 1685 | 1671 | 1503 | 1286 | 1313 | 1497 | 1580 | 1595 | 1512 |    | 33,817 |
| 884  | 924  | 1003 | 910  | 853  | 815  | 835  | 890  | 861  | 873  | 806  | 645  | 801  | 636  | 545  | 360  | 351  |    | 23,122 |
| 656  | 604  | 593  | 599  | 722  | 713  | 744  | 749  | 748  | 746  | 754  | 726  | 670  | 593  | 568  | 575  | 579  |    | 19,106 |
| 839  | 841  | 857  | 859  | 848  | 821  | 775  | 791  | 794  | 847  | 895  | 911  | 896  | 863  | 866  | 867  | 934  |    | 24,793 |
| 784  | 1015 | 864  | 798  | 898  | 969  | 1013 | 1265 | 1148 | 1214 | 1165 | 1067 | 1055 | 944  | 848  | 945  | 742  |    | 28,368 |
| 735  | 880  | 1167 | 1088 | 687  | 889  | 933  | 859  | 784  | 903  | 965  | 865  | 785  | 849  | 805  | 820  | 857  |    | 26,399 |
| 1344 | 1493 | 756  | 1889 | 1156 | 1367 | 1384 | 1306 | 1242 | 1170 | 1297 | 1296 | 1226 | 1174 | 1040 | 1180 | 1276 |    | 38,626 |

NATURAL FLOW 0

BEGINNING

OCTOBE

| YEAR | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1941 | 718  | 694  | 674  | 665  | 691  | 724  | 752  | 797  | 732  | 715  | 591  | 676  | 783  | 804  | 698  | 802  | 2533 | 1954 | 1566 |
| 1942 | 567  | 748  | 695  | 662  | 697  | 665  | 659  | 684  | 455  | 501  | 459  | 605  | 740  | 744  | 844  | 563  | 683  | 718  | 692  |
| 1943 | 696  | 781  | 752  | 808  | 678  | 450  | 1043 | 864  | 845  | 766  | 907  | 1228 | 940  | 1122 | 939  | 927  | 1006 | 876  | 1012 |
| 1944 | 571  | 583  | 702  | 630  | 554  | 718  | 635  | 636  | 619  | 646  | 652  | 635  | 617  | 611  | 652  | 642  | 821  | 807  | 673  |
| 1945 | 353  | 745  | 778  | 774  | 726  | 715  | 716  | 722  | 581  | 601  | 570  | 773  | 696  | 542  | 865  | 746  | 689  | 777  | 846  |
| 1946 | 672  | 1566 | 1714 | 1217 | 1151 | 974  | 940  | 1064 | 1013 | 995  | 961  | 991  | 931  | 898  | 932  | 865  | 995  | 910  | 995  |
| 1947 | 536  | 648  | 559  | 703  | 619  | 638  | 645  | 518  | 632  | 876  | 803  | 947  | 941  | 874  | 777  | 822  | 2138 | 1453 | 1233 |
| 1948 | 631  | 616  | 536  | 551  | 715  | 779  | 728  | 755  | 791  | 697  | 698  | 742  | 742  | 750  | 748  | 751  | 778  | 783  | 780  |
| 1949 | 513  | 562  | 575  | 793  | 753  | 948  | 943  | 896  | 835  | 860  | 996  | 849  | 858  | 816  | 827  | 851  | 825  | 834  | 746  |
| 1950 | 1049 | 1161 | 967  | 968  | 1027 | 995  | 1027 | 1090 | 1056 | 1262 | 1146 | 973  | 950  | 930  | 967  | 971  | 971  | 971  | 971  |
| 1951 | 919  | 1440 | 1748 | 1289 | 992  | 1114 | 1240 | 1236 | 681  | 948  | 1368 | 808  | 1358 | 1565 | 941  | 1751 | 1489 | 565  | 1047 |
| 1952 | 645  | 583  | 1512 | 748  | 854  | 548  | 1020 | 719  | 1197 | 564  | 693  | 793  | 494  | 892  | 948  | 837  | 747  | 966  | 779  |
| 1953 | 701  | 689  | 673  | 666  | 635  | 676  | 694  | 799  | 683  | 867  | 581  | 894  | 766  | 930  | 931  | 955  | 941  | 922  | 974  |
| 1954 | 732  | 733  | 736  | 736  | 742  | 757  | 791  | 806  | 833  | 841  | 863  | 873  | 884  | 894  | 906  | 995  | 1054 | 1004 | 996  |
| 1955 | 684  | 633  | 621  | 702  | 782  | 793  | 793  | 802  | 815  | 863  | 901  | 922  | 916  | 872  | 883  | 888  | 885  | 878  | 875  |
| 1956 | 1102 | 1176 | 1138 | 1138 | 1134 | 1096 | 1092 | 1092 | 1090 | 1088 | 1056 | 1065 | 1082 | 1096 | 1112 | 1025 | 902  | 948  | 930  |
| 1957 | 801  | 742  | 720  | 731  | 741  | 752  | 779  | 784  | 791  | 799  | 805  | 813  | 819  | 826  | 840  | 851  | 863  | 889  | 923  |
| 1958 | 964  | 995  | 1029 | 995  | 986  | 991  | 990  | 864  | 692  | 652  | 594  | 687  | 818  | 824  | 830  | 817  | 797  | 740  | 775  |
| 1959 | 1404 | 1292 | 1188 | 1157 | 947  | 1024 | 989  | 1069 | 1213 | 1477 | 1676 | 1772 | 1891 | 1669 | 1666 | 1571 | 1392 | 1349 | 1287 |
| 1960 | 382  | 395  | 401  | 411  | 482  | 550  | 681  | 882  | 1103 | 1195 | 1322 | 1116 | 906  | 844  | 816  | 715  | 648  | 655  | 790  |
| 1961 | 602  | 753  | 864  | 972  | 887  | 765  | 714  | 706  | 764  | 879  | 963  | 989  | 992  | 976  | 894  | 786  | 765  | 686  | 641  |
| 1962 | 850  | 872  | 748  | 647  | 830  | 729  | 828  | 747  | 937  | 1148 | 1471 | 1452 | 1927 | 1700 | 1879 | 1823 | 1748 | 1765 | 1200 |
| 1963 | 857  | 688  | 757  | 910  | 895  | 966  | 970  | 987  | 965  | 940  | 952  | 921  | 900  | 889  | 902  | 930  | 917  | 803  | 793  |
| 1964 | 599  | 678  | 780  | 782  | 818  | 657  | 804  | 787  | 776  | 904  | 792  | 689  | 548  | 812  | 716  | 950  | 791  | 730  | 778  |
| 1965 | 1041 | 1290 | 1004 | 1182 | 999  | 1286 | 1016 | 1133 | 1135 | 1052 | 1171 | 1312 | 914  | 1044 | 1379 | 1121 | 1123 | 1093 | 965  |

## NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

OCTOBER

| 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | TOTAL  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 898  | 802  | 2533 | 1954 | 1566 | 1420 | 1187 | 922  | 936  | 850  | 694  | 863  | 958  | 909  | 675  | 1000 | 871  | 31,600 |
| 844  | 563  | 683  | 718  | 692  | 895  | 720  | 764  | 720  | 760  | 651  | 626  | 702  | 792  | 737  | 835  | 699  | 21,282 |
| 938  | 927  | 1006 | 876  | 1012 | 883  | 1121 | 1084 | 1085 | 1054 | 1188 | 1148 | 1202 | 1284 | 1460 | 1451 | 1301 | 30,901 |
| 652  | 642  | 821  | 807  | 673  | 632  | 598  | 664  | 671  | 674  | 693  | 659  | 958  | 436  | 669  | 638  | 718  | 20,414 |
| 865  | 746  | 689  | 777  | 846  | 792  | 814  | 838  | 768  | 797  | 776  | 785  | 800  | 781  | 802  | 819  | 924  | 22,911 |
| 932  | 865  | 995  | 910  | 995  | 925  | 936  | 1134 | 1256 | 1407 | 1281 | 1244 | 1238 | 1220 | 1123 | 1031 | 1118 | 33,697 |
| 777  | 822  | 2138 | 1453 | 1233 | 1063 | 981  | 1002 | 977  | 947  | 915  | 850  | 813  | 954  | 995  | 1143 | 1120 | 28,122 |
| 748  | 751  | 778  | 783  | 780  | 781  | 782  | 722  | 738  | 741  | 735  | 736  | 734  | 675  | 686  | 685  | 735  | 22,321 |
| 827  | 851  | 825  | 834  | 746  | 748  | 753  | 812  | 826  | 825  | 852  | 818  | 642  | 689  | 752  | 835  | 780  | 24,612 |
| 967  | 971  | 971  | 971  | 971  | 971  | 971  | 974  | 973  | 972  | 972  | 991  | 1168 | 1274 | 1525 | 1685 | 1832 | 33,760 |
| 941  | 1751 | 1489 | 565  | 1047 | 1924 | 1634 | 513  | 702  | 1189 | 1316 | 1347 | 1554 | 2001 | 1425 | 1178 | 1302 | 38,636 |
| 948  | 837  | 747  | 966  | 779  | 863  | 799  | 1025 | 1016 | 743  | 807  | 592  | 862  | 1259 | 1305 | 621  | 461  | 25,892 |
| 931  | 955  | 941  | 922  | 974  | 972  | 956  | 911  | 760  | 728  | 896  | 888  | 858  | 735  | 783  | 781  | 683  | 24,928 |
| 908  | 995  | 1054 | 1004 | 996  | 973  | 872  | 809  | 821  | 803  | 799  | 863  | 842  | 852  | 881  | 852  | 823  | 26,366 |
| 883  | 888  | 885  | 878  | 875  | 837  | 812  | 798  | 798  | 792  | 805  | 805  | 808  | 812  | 812  | 848  | 876  | 25,311 |
| 1112 | 1025 | 902  | 948  | 930  | 928  | 910  | 955  | 985  | 993  | 1025 | 1044 | 1153 | 1338 | 1220 | 1201 | 1190 | 33,304 |
| 848  | 851  | 863  | 889  | 923  | 966  | 977  | 992  | 995  | 999  | 988  | 980  | 985  | 980  | 978  | 986  | 961  | 27,056 |
| 830  | 817  | 797  | 740  | 775  | 794  | 836  | 880  | 777  | 802  | 804  | 829  | 908  | 841  | 788  | 784  | 838  | 25,921 |
| 1668 | 1571 | 1392 | 1349 | 1287 | 1250 | 1346 | 1375 | 1324 | 1594 | 1602 | 1667 | 1650 | 1516 | 1419 | 1333 | 1345 | 43,454 |
| 816  | 715  | 648  | 655  | 790  | 721  | 743  | 742  | 719  | 594  | 824  | 797  | 761  | 834  | 852  | 860  | 781  | 23,522 |
| 884  | 746  | 765  | 686  | 641  | 712  | 707  | 780  | 847  | 805  | 791  | 862  | 975  | 984  | 1051 | 1032 | 931  | 26,075 |
| 1479 | 1823 | 1748 | 1765 | 1200 | 1250 | 1000 | 1250 | 1043 | 981  | 954  | 1091 | 967  | 1103 | 847  | 784  | 906  | 35,477 |
| 902  | 930  | 917  | 803  | 793  | 945  | 723  | 838  | 712  | 795  | 778  | 830  | 824  | 819  | 782  | 753  | 779  | 26,520 |
| 718  | 850  | 791  | 730  | 778  | 709  | 689  | 735  | 741  | 707  | 816  | 775  | 778  | 913  | 780  | 928  | 742  | 23,704 |
| 1378 | 1121 | 1123 | 1093 | 965  | 993  | 1042 | 1004 | 981  | 942  | 1191 | 1228 | 665  | 838  | 896  | 609  | 1076 | 32,725 |

| YEAR | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1941 | 781  | 821  | 822  | 930  | 1393 | 1076 | 1022 | 894  | 905  | 852  | 802  | 903  | 780  | 894  | 1387 | 2533 | 1954 | 1566 | 142  |
| 1942 | 775  | 901  | 890  | 915  | 897  | 781  | 803  | 921  | 939  | 1113 | 725  | 747  | 707  | 842  | 944  | 1562 | 1158 | 1186 | 115  |
| 1943 | 1158 | 1212 | 1079 | 1106 | 1917 | 2081 | 1526 | 1332 | 1175 | 853  | 1740 | 1240 | 1156 | 1206 | 1133 | 1130 | 1128 | 967  | 108  |
| 1944 | 952  | 1196 | 917  | 1007 | 1406 | 1314 | 1050 | 900  | 847  | 1011 | 1148 | 1039 | 928  | 975  | 860  | 870  | 745  | 682  | 57   |
| 1945 | 902  | 1104 | 715  | 807  | 917  | 860  | 812  | 865  | 785  | 740  | 787  | 1072 | 819  | 840  | 941  | 957  | 992  | 888  | 931  |
| 1946 | 1031 | 1033 | 929  | 844  | 934  | 927  | 1063 | 971  | 983  | 972  | 1028 | 937  | 844  | 850  | 944  | 936  | 856  | 947  | 1113 |
| 1947 | 1073 | 1003 | 1003 | 992  | 911  | 999  | 970  | 1097 | 1051 | 961  | 949  | 985  | 859  | 985  | 970  | 993  | 1022 | 928  | 1024 |
| 1948 | 813  | 1214 | 1689 | 1177 | 1010 | 947  | 883  | 771  | 765  | 779  | 812  | 817  | 856  | 912  | 932  | 981  | 916  | 883  | 854  |
| 1949 | 805  | 710  | 716  | 824  | 700  | 690  | 700  | 779  | 995  | 1043 | 1022 | 821  | 885  | 840  | 906  | 817  | 846  | 715  | 809  |
| 1950 | 1399 | 2008 | 1950 | 1257 | 1357 | 1273 | 1471 | 1657 | 1649 | 1368 | 1257 | 1343 | 1126 | 1303 | 1186 | 1129 | 1172 | 1419 | 1649 |
| 1951 | 1151 | 906  | 1003 | 1365 | 1001 | 1305 | 1093 | 827  | 1116 | 747  | 810  | 810  | 1072 | 1368 | 952  | 895  | 587  | 1272 | 1198 |
| 1952 | 756  | 753  | 751  | 748  | 748  | 736  | 741  | 749  | 752  | 767  | 831  | 976  | 1145 | 1394 | 1378 | 1152 | 906  | 804  | 658  |
| 1953 | 678  | 952  | 844  | 716  | 853  | 868  | 863  | 858  | 860  | 868  | 877  | 926  | 915  | 759  | 889  | 942  | 775  | 684  | 731  |
| 1954 | 812  | 767  | 764  | 752  | 728  | 712  | 703  | 704  | 716  | 728  | 742  | 864  | 885  | 965  | 972  | 1048 | 1167 | 1070 | 1037 |
| 1955 | 824  | 813  | 806  | 806  | 811  | 814  | 816  | 821  | 830  | 854  | 875  | 934  | 1051 | 1074 | 967  | 853  | 834  | 798  | 838  |
| 1956 | 1114 | 1109 | 1109 | 1107 | 1107 | 1111 | 1109 | 1107 | 1111 | 1097 | 1121 | 1114 | 1116 | 1100 | 1050 | 1023 | 959  | 982  | 929  |
| 1957 | 952  | 937  | 916  | 960  | 882  | 820  | 800  | 808  | 741  | 725  | 799  | 844  | 881  | 900  | 943  | 952  | 966  | 952  | 873  |
| 1958 | 606  | 567  | 752  | 930  | 869  | 764  | 1436 | 2330 | 1567 | 1366 | 1136 | 1047 | 1039 | 1197 | 1271 | 1024 | 891  | 847  | 862  |
| 1959 | 1248 | 1246 | 1243 | 1228 | 1213 | 1104 | 1097 | 1045 | 1052 | 992  | 938  | 1057 | 1023 | 842  | 725  | 726  | 747  | 762  | 919  |
| 1960 | 802  | 843  | 872  | 865  | 831  | 721  | 694  | 672  | 734  | 851  | 855  | 862  | 940  | 952  | 1095 | 905  | 918  | 1121 | 1136 |
| 1961 | 852  | 941  | 952  | 901  | 845  | 732  | 667  | 634  | 640  | 725  | 842  | 951  | 974  | 856  | 820  | 715  | 641  | 582  | 704  |
| 1962 | 1091 | 1162 | 1139 | 1025 | 826  | 784  | 793  | 884  | 903  | 1056 | 1252 | 1255 | 1322 | 1197 | 961  | 958  | 750  | 619  | 602  |
| 1963 | 689  | 943  | 720  | 832  | 956  | 1054 | 1007 | 1099 | 1526 | 1654 | 1473 | 1043 | 769  | 1083 | 1558 | 1547 | 1623 | 1337 | 936  |
| 1964 | 684  | 774  | 1180 | 810  | 760  | 696  | 816  | 883  | 851  | 736  | 957  | 988  | 922  | 632  | 589  | 665  | 478  | 576  | 1132 |
| 1965 | 1090 | 1006 | 1047 | 805  | 856  | 1036 | 884  | 884  | 1062 | 937  | 849  | 763  | 1176 | 1100 | 1316 | 1307 | 1025 | 1217 | 1346 |

## NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

NOVEMBER

| 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31 | TOTAL  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|--------|
| 894  | 1387 | 2533 | 1954 | 1566 | 1420 | 1187 | 922  | 936  | 850  | 694  | 863  | 958  | 909  | 675  | 1000 | 871  |    | 31,600 |
| 842  | 944  | 1562 | 1158 | 1186 | 1150 | 1007 | 857  | 703  | 858  | 1128 | 1793 | 1534 | 1246 | 1442 | 1412 | 2098 |    | 32,034 |
| 1206 | 1133 | 1130 | 1128 | 967  | 1087 | 1141 | 1106 | 985  | 1056 | 1056 | 968  | 1056 | 959  | 955  | 909  | 935  |    | 33,352 |
| 975  | 860  | 870  | 745  | 682  | 577  | 656  | 681  | 731  | 722  | 699  | 802  | 716  | 741  | 727  | 600  | 581  |    | 26,099 |
| 840  | 941  | 957  | 992  | 888  | 936  | 976  | 839  | 675  | 580  | 875  | 1004 | 991  | 1061 | 1096 | 1094 | 905  |    | 26,835 |
| 850  | 944  | 936  | 856  | 947  | 1115 | 2186 | 1660 | 1484 | 1328 | 1706 | 1608 | 1603 | 1713 | 1457 | 1522 | 1676 |    | 36,107 |
| 985  | 970  | 993  | 1022 | 928  | 1024 | 865  | 754  | 883  | 655  | 771  | 1011 | 993  | 1032 | 1081 | 973  | 998  |    | 28,797 |
| 912  | 932  | 981  | 916  | 883  | 854  | 838  | 818  | 790  | 808  | 803  | 813  | 831  | 815  | 818  | 830  | 784  |    | 26,959 |
| 840  | 906  | 817  | 846  | 715  | 809  | 684  | 841  | 645  | 804  | 1409 | 1474 | 1367 | 1290 | 1347 | 1205 | 917  |    | 27,606 |
| 1303 | 1186 | 1129 | 1172 | 1419 | 1649 | 1540 | 1597 | 1879 | 1277 | 1272 | 1388 | 1383 | 1359 | 1278 | 1232 | 1298 |    | 42,476 |
| 1368 | 952  | 895  | 587  | 1272 | 1198 | 1198 | 1200 | 1279 | 1051 | 953  | 831  | 863  | 1518 | 1231 | 1330 | 1210 |    | 32,142 |
| 1394 | 1378 | 1152 | 906  | 804  | 658  | 650  | 666  | 700  | 724  | 696  | 656  | 652  | 652  | 650  | 648  | 647  |    | 24,086 |
| 759  | 889  | 942  | 775  | 684  | 731  | 740  | 752  | 871  | 1990 | 2112 | 1272 | 1102 | 1310 | 1344 | 1291 | 1130 |    | 29,772 |
| 965  | 972  | 1048 | 1167 | 1070 | 1037 | 1026 | 946  | 905  | 861  | 824  | 769  | 762  | 757  | 754  | 749  | 746  |    | 25,235 |
| 1074 | 967  | 853  | 834  | 798  | 838  | 944  | 1506 | 1922 | 2120 | 1863 | 1830 | 1862 | 1713 | 1604 | 1330 | 1230 |    | 34,343 |
| 1100 | 1050 | 1023 | 959  | 982  | 929  | 1017 | 1006 | 964  | 992  | 1024 | 974  | 997  | 964  | 955  | 936  | 923  |    | 31,227 |
| 900  | 943  | 952  | 966  | 952  | 873  | 901  | 880  | 821  | 781  | 831  | 828  | 797  | 772  | 916  | 998  | 898  |    | 26,074 |
| 1197 | 1271 | 1024 | 891  | 847  | 862  | 1345 | 1495 | 1612 | 1404 | 961  | 968  | 826  | 648  | 617  | 646  | 875  |    | 31,898 |
| 842  | 725  | 726  | 747  | 762  | 919  | 1004 | 946  | 1013 | 1045 | 1100 | 1070 | 1200 | 1117 | 986  | 911  | 827  |    | 30,426 |
| 952  | 1095 | 905  | 918  | 1121 | 1136 | 1004 | 981  | 909  | 920  | 926  | 899  | 972  | 946  | 888  | 905  | 902  |    | 26,921 |
| 856  | 820  | 715  | 641  | 582  | 704  | 751  | 863  | 981  | 1124 | 1252 | 1074 | 998  | 962  | 971  | 967  | 913  |    | 25,830 |
| 1197 | 961  | 958  | 750  | 619  | 602  | 820  | 958  | 1221 | 1361 | 1407 | 1406 | 1551 | 1418 | 1407 | 1217 | 1162 |    | 32,507 |
| 1083 | 1558 | 1547 | 1623 | 1337 | 936  | 1296 | 1109 | 1207 | 1043 | 1216 | 1044 | 1043 | 921  | 757  | 1109 | 905  |    | 33,499 |
| 632  | 589  | 665  | 478  | 576  | 1132 | 807  | 707  | 642  | 801  | 844  | 1486 | 1835 | 1279 | 1267 | 1193 | 1154 |    | 27,144 |
| 1100 | 1316 | 1307 | 1025 | 1217 | 1346 | 1017 | 1041 | 1117 | 1063 | 1156 | 1019 | 1088 | 1125 | 903  | 862  | 512  |    | 30,609 |

| YEAR | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1941 | 943  | 947  | 1661 | 4605 | 3137 | 2036 | 1837 | 1555 | 1400 | 1485 | 1458 | 1237 | 1309 | 1406 | 1372 | 1694 | 1580 | 1838 | 1871 |
| 1942 | 1854 | 1741 | 1385 | 1159 | 1017 | 1168 | 1147 | 1262 | 1194 | 1217 | 1312 | 1212 | 1225 | 1116 | 1111 | 1041 | 1189 | 1052 | 920  |
| 1943 | 939  | 1182 | 1062 | 1062 | 977  | 1055 | 965  | 803  | 1048 | 807  | 656  | 746  | 746  | 746  | 770  | 748  | 759  | 939  | 974  |
| 1944 | 805  | 808  | 793  | 686  | 667  | 728  | 736  | 746  | 638  | 407  | 342  | 352  | 396  | 406  | 464  | 505  | 765  | 610  | 640  |
| 1945 | 972  | 718  | 616  | 866  | 1056 | 1008 | 1091 | 933  | 819  | 456  | 695  | 856  | 664  | 571  | 568  | 707  | 645  | 1040 | 833  |
| 1946 | 1395 | 1386 | 1266 | 1300 | 1144 | 1450 | 1479 | 1417 | 1194 | 1303 | 1409 | 1941 | 3056 | 4053 | 4709 | 3950 | 2413 | 1771 | 1870 |
| 1947 | 1239 | 1165 | 1100 | 920  | 1078 | 1117 | 954  | 951  | 908  | 957  | 622  | 838  | 709  | 995  | 922  | 901  | 811  | 959  | 991  |
| 1948 | 790  | 846  | 881  | 857  | 849  | 841  | 883  | 882  | 874  | 870  | 930  | 952  | 988  | 999  | 980  | 942  | 892  | 767  | 720  |
| 1949 | 1303 | 1123 | 1148 | 775  | 804  | 855  | 790  | 842  | 891  | 780  | 701  | 626  | 650  | 903  | 718  | 817  | 809  | 934  | 656  |
| 1950 | 1403 | 1398 | 1435 | 1441 | 1551 | 1450 | 1561 | 1878 | 1631 | 1645 | 1759 | 1651 | 1474 | 2107 | 1284 | 1179 | 1669 | 1304 | 1206 |
| 1951 | 2369 | 3435 | 2251 | 2024 | 1569 | 1335 | 1117 | 853  | 711  | 916  | 962  | 1493 | 1337 | 1060 | 1098 | 754  | 1072 | 1273 | 1362 |
| 1952 | 723  | 836  | 920  | 915  | 848  | 764  | 755  | 845  | 916  | 947  | 991  | 1042 | 1093 | 1200 | 1139 | 1047 | 972  | 933  | 871  |
| 1953 | 1008 | 1002 | 1012 | 1012 | 996  | 925  | 958  | 962  | 969  | 1013 | 1025 | 982  | 1034 | 971  | 900  | 828  | 829  | 841  | 789  |
| 1954 | 701  | 705  | 707  | 711  | 712  | 741  | 754  | 777  | 793  | 818  | 825  | 813  | 801  | 793  | 772  | 753  | 706  | 688  | 676  |
| 1955 | 1110 | 920  | 928  | 942  | 958  | 973  | 999  | 1022 | 1034 | 1182 | 1161 | 923  | 876  | 919  | 785  | 971  | 897  | 1439 | 1641 |
| 1956 | 897  | 889  | 886  | 853  | 905  | 883  | 952  | 921  | 988  | 1060 | 1122 | 1588 | 2196 | 2317 | 1964 | 1753 | 1488 | 1316 | 1181 |
| 1957 | 877  | 809  | 765  | 746  | 701  | 792  | 884  | 911  | 930  | 941  | 911  | 915  | 839  | 843  | 848  | 854  | 1001 | 1023 | 1052 |
| 1958 | 909  | 1208 | 1219 | 1140 | 1171 | 1090 | 991  | 1164 | 1247 | 1251 | 1404 | 3044 | 2870 | 2586 | 1169 | 1251 | 1932 | 1401 | 1286 |
| 1959 | 843  | 918  | 885  | 932  | 843  | 804  | 491  | 599  | 507  | 559  | 714  | 747  | 819  | 894  | 714  | 810  | 784  | 749  | 839  |
| 1960 | 851  | 870  | 986  | 951  | 749  | 722  | 684  | 590  | 555  | 503  | 546  | 679  | 734  | 765  | 821  | 850  | 901  | 906  | 903  |
| 1961 | 932  | 933  | 952  | 974  | 924  | 747  | 651  | 632  | 620  | 562  | 640  | 662  | 719  | 777  | 796  | 864  | 942  | 925  | 941  |
| 1962 | 1027 | 1132 | 1674 | 1987 | 1547 | 1338 | 1057 | 1415 | 1034 | 1168 | 826  | 737  | 806  | 902  | 1564 | 1156 | 1029 | 1149 | 1207 |
| 1963 | 715  | 815  | 774  | 635  | 870  | 495  | 1073 | 893  | 1024 | 746  | 999  | 1034 | 576  | 789  | 985  | 854  | 961  | 862  | 1124 |
| 1964 | 1168 | 1687 | 1680 | 1361 | 1039 | 949  | 819  | 734  | 816  | 1226 | 1288 | 1034 | 754  | 880  | 1116 | 989  | 597  | 592  | 651  |
| 1965 | 714  | 767  | 1091 | 1178 | 976  | 1193 | 963  | 665  | 749  | 971  | 1481 | 906  | 941  | 582  | 819  | 766  | 746  | 747  | 501  |

| YEAR | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1941 | 943  | 947  | 1661 | 4605 | 3137 | 2036 | 1837 | 1555 | 1400 | 1485 | 1458 | 1237 | 1309 | 1406 | 1372 | 1694 | 1580 | 1838 | 1871 |
| 1942 | 1854 | 1741 | 1385 | 1159 | 1017 | 1168 | 1147 | 1262 | 1194 | 1217 | 1312 | 1212 | 1225 | 1116 | 1111 | 1041 | 1189 | 1052 | 920  |
| 1943 | 939  | 1182 | 1062 | 1062 | 977  | 1055 | 965  | 803  | 1048 | 807  | 656  | 746  | 746  | 746  | 770  | 748  | 759  | 939  | 974  |
| 1944 | 805  | 808  | 793  | 686  | 667  | 728  | 736  | 746  | 638  | 407  | 342  | 352  | 396  | 406  | 464  | 505  | 765  | 610  | 640  |
| 1945 | 972  | 718  | 616  | 866  | 1056 | 1008 | 1091 | 933  | 819  | 456  | 695  | 856  | 664  | 571  | 568  | 707  | 645  | 1040 | 833  |
| 1946 | 1995 | 1386 | 1266 | 1300 | 1144 | 1450 | 1479 | 1417 | 1194 | 1303 | 1409 | 1941 | 3056 | 4053 | 4709 | 3950 | 2413 | 1771 | 1870 |
| 1947 | 1239 | 1165 | 1100 | 920  | 1078 | 1117 | 954  | 951  | 908  | 957  | 622  | 838  | 709  | 995  | 922  | 901  | 811  | 959  | 991  |
| 1948 | 790  | 846  | 881  | 857  | 849  | 841  | 883  | 882  | 874  | 870  | 930  | 952  | 988  | 999  | 980  | 942  | 892  | 767  | 720  |
| 1949 | 1303 | 1123 | 1148 | 775  | 804  | 855  | 790  | 842  | 891  | 780  | 701  | 626  | 650  | 903  | 718  | 817  | 889  | 934  | 656  |
| 1950 | 1403 | 1398 | 1485 | 1441 | 1551 | 1450 | 1561 | 1878 | 1631 | 1645 | 1759 | 1651 | 1474 | 2107 | 1284 | 1179 | 1669 | 1304 | 1206 |
| 1951 | 2369 | 3435 | 2251 | 2024 | 1569 | 1335 | 1117 | 853  | 711  | 916  | 962  | 1493 | 1337 | 1060 | 1098 | 754  | 1072 | 1273 | 1362 |
| 1952 | 723  | 836  | 920  | 915  | 848  | 764  | 755  | 845  | 916  | 947  | 991  | 1042 | 1093 | 1200 | 1139 | 1047 | 972  | 933  | 871  |
| 1953 | 1008 | 1002 | 1012 | 1012 | 996  | 925  | 958  | 962  | 969  | 1013 | 1025 | 982  | 1034 | 971  | 900  | 828  | 829  | 841  | 789  |
| 1954 | 701  | 705  | 707  | 711  | 712  | 741  | 754  | 777  | 793  | 818  | 825  | 813  | 801  | 793  | 772  | 753  | 706  | 688  | 676  |
| 1955 | 1110 | 920  | 928  | 942  | 958  | 973  | 999  | 1022 | 1034 | 1182 | 1161 | 923  | 876  | 919  | 785  | 971  | 897  | 1439 | 1641 |
| 1956 | 897  | 889  | 886  | 853  | 905  | 883  | 952  | 921  | 988  | 1060 | 1122 | 1588 | 2196 | 2317 | 1964 | 1753 | 1488 | 1316 | 1181 |
| 1957 | 877  | 809  | 765  | 746  | 701  | 792  | 884  | 911  | 930  | 941  | 911  | 915  | 839  | 843  | 848  | 854  | 1001 | 1023 | 1052 |
| 1958 | 909  | 1208 | 1219 | 1140 | 1171 | 1090 | 991  | 1164 | 1247 | 1251 | 1404 | 3044 | 2870 | 2586 | 1169 | 1251 | 1932 | 1401 | 1286 |
| 1959 | 843  | 918  | 885  | 932  | 843  | 804  | 491  | 599  | 507  | 559  | 714  | 747  | 819  | 894  | 714  | 810  | 784  | 749  | 839  |
| 1960 | 851  | 870  | 986  | 951  | 749  | 722  | 684  | 590  | 555  | 503  | 546  | 679  | 734  | 765  | 821  | 850  | 901  | 906  | 903  |
| 1961 | 932  | 933  | 952  | 974  | 924  | 747  | 651  | 632  | 620  | 562  | 640  | 662  | 719  | 777  | 796  | 864  | 942  | 925  | 941  |
| 1962 | 1027 | 1132 | 1674 | 1987 | 1547 | 1338 | 1057 | 1415 | 1034 | 1168 | 826  | 737  | 806  | 902  | 1564 | 1156 | 1029 | 1149 | 1207 |
| 1963 | 715  | 815  | 774  | 635  | 870  | 495  | 1073 | 893  | 1024 | 746  | 999  | 1034 | 576  | 789  | 985  | 854  | 961  | 862  | 1124 |
| 1964 | 1168 | 1687 | 1680 | 1361 | 1039 | 949  | 819  | 734  | 816  | 1226 | 1288 | 1034 | 754  | 880  | 1116 | 989  | 597  | 592  | 651  |
| 1965 | 714  | 767  | 1091 | 1178 | 976  | 1193 | 963  | 665  | 749  | 971  | 1481 | 906  | 941  | 582  | 819  | 766  | 746  | 747  | 501  |

## NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

DECEMBER

| 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23    | 24    | 25    | 26    | 27   | 28   | 29   | 30   | 31   | TOTAL   |
|------|------|------|------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|------|---------|
| 1372 | 1694 | 1580 | 1838 | 1871 | 2130 | 2240 | 2199 | 1896  | 1673  | 1657  | 1335  | 1097 | 917  | 1411 | 1620 | 1873 | 53,419  |
| 1111 | 1041 | 1189 | 1052 | 920  | 942  | 994  | 1293 | 1140  | 1395  | 1644  | 1707  | 1173 | 1131 | 1851 | 1679 | 2620 | 40,891  |
| 770  | 748  | 759  | 939  | 974  | 1002 | 1003 | 1186 | 1003  | 943   | 1056  | 954   | 838  | 628  | 536  | 757  | 994  | 27,884  |
| 464  | 505  | 765  | 610  | 640  | 866  | 1052 | 818  | 1137  | 906   | 839   | 783   | 615  | 621  | 588  | 906  | 826  | 21,451  |
| 568  | 707  | 645  | 1040 | 833  | 691  | 898  | 893  | 1243  | 1173  | 1130  | 1000  | 1206 | 1505 | 3667 | 5249 | 3587 | 37,356  |
| 4709 | 3950 | 2413 | 1771 | 1870 | 1845 | 1792 | 1550 | 1306  | 1384  | 1439  | 1319  | 1319 | 1286 | 1137 | 948  | 865  | 54,696  |
| 922  | 901  | 811  | 959  | 991  | 844  | 951  | 798  | 792   | 974   | 746   | 737   | 736  | 779  | 961  | 790  | 513  | 27,758  |
| 980  | 942  | 892  | 767  | 720  | 739  | 713  | 673  | 702   | 697   | 664   | 652   | 681  | 743  | 804  | 861  | 875  | 25,547  |
| 718  | 817  | 809  | 934  | 656  | 565  | 728  | 778  | 931   | 906   | 764   | 779   | 795  | 975  | 775  | 739  | 748  | 25,608  |
| 1284 | 1179 | 1669 | 1304 | 1206 | 1181 | 1537 | 1246 | 1326  | 1283  | 1304  | 1502  | 1148 | 770  | 907  | 1599 | 1440 | 44,319  |
| 1098 | 754  | 1072 | 1273 | 1362 | 807  | 959  | 2049 | 2046  | 1242  | 1236  | 629   | 1253 | 1145 | 2220 | 1393 | 1332 | 43,802  |
| 1139 | 1047 | 972  | 933  | 871  | 842  | 790  | 784  | 784   | 782   | 781   | 793   | 816  | 802  | 820  | 801  | 779  | 54,662  |
| 900  | 828  | 829  | 841  | 789  | 927  | 1015 | 1053 | 1097  | 1014  | 1053  | 901   | 869  | 764  | 692  | 771  | 768  | 28,980  |
| 772  | 753  | 706  | 688  | 676  | 619  | 612  | 612  | 605   | 601   | 600   | 622   | 674  | 714  | 792  | 906  | 957  | 22,560  |
| 785  | 971  | 897  | 1439 | 1641 | 2250 | 2222 | 4106 | 16700 | 20551 | 11314 | 7381  | 5053 | 4416 | 3637 | 2728 | 2721 | 102,759 |
| 1964 | 1753 | 1488 | 1316 | 1181 | 961  | 957  | 932  | 921   | 917   | 911   | 905   | 823  | 792  | 796  | 789  | 778  | 34,641  |
| 848  | 854  | 1001 | 1023 | 1052 | 1045 | 1042 | 1064 | 1063  | 1022  | 1036  | 1048  | 1053 | 1044 | 1064 | 1025 | 916  | 29,064  |
| 1169 | 1251 | 1932 | 1401 | 1286 | 1109 | 1282 | 1356 | 1201  | 1198  | 1312  | 1203  | 1269 | 1094 | 889  | 840  | 901  | 41,987  |
| 714  | 810  | 784  | 749  | 839  | 856  | 821  | 776  | 699   | 739   | 904   | 976   | 1023 | 938  | 804  | 650  | 620  | 24,257  |
| 821  | 850  | 901  | 906  | 903  | 901  | 894  | 882  | 871   | 856   | 824   | 748   | 721  | 704  | 664  | 646  | 706  | 23,983  |
| 796  | 864  | 942  | 925  | 941  | 954  | 974  | 992  | 999   | 981   | 939   | 889   | 817  | 784  | 801  | 806  | 807  | 25,936  |
| 1564 | 1156 | 1029 | 1149 | 1207 | 939  | 1127 | 994  | 1034  | 600   | 550   | 559   | 706  | 736  | 976  | 1145 | 838  | 32,959  |
| 985  | 854  | 961  | 862  | 1124 | 869  | 768  | 763  | 724   | 648   | 687   | 867   | 836  | 840  | 963  | 802  | 593  | 25,586  |
| 1116 | 989  | 597  | 592  | 651  | 760  | 1046 | 2152 | 18378 | 27294 | 19240 | 11963 | 8143 | 6823 | 5706 | 4580 | 3940 | 129,405 |
| 819  | 766  | 746  | 747  | 501  | 407  | 546  | 576  | 889   | 815   | 1030  | 924   | 829  | 1184 | 803  | 879  | 707  | 26,345  |

TABLE, IN SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER  
FOR A 70 YEAR PERIOD, 1895 TO 1964, INCLUSIVE

CHART NO. 3

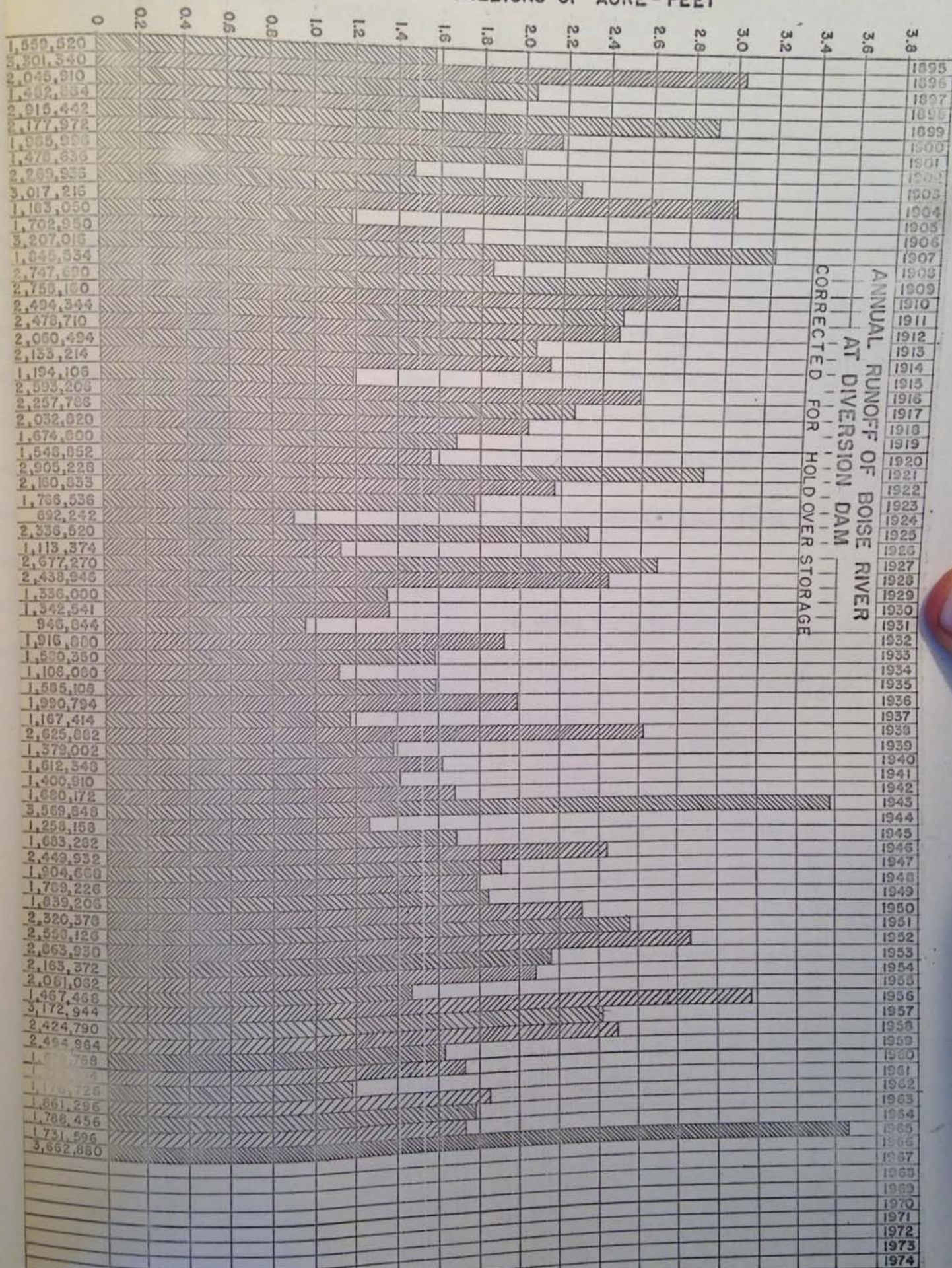
|     | JAN. | FEB. | MAR. | APR. | MAY  | JUNE | JULY | AUG. | SEPT. | OCT. | NOV. | DEC. |
|-----|------|------|------|------|------|------|------|------|-------|------|------|------|
| 1.  | 1123 | 1069 | 1588 | 3625 | 7033 | 8406 | 4213 | 1217 | 755   | 759  | 903  | 1126 |
| 2.  | 1087 | 1157 | 1590 | 3354 | 7157 | 8329 | 4063 | 1175 | 760   | 805  | 933  | 1160 |
| 3.  | 1107 | 1164 | 1618 | 3963 | 7238 | 8280 | 3907 | 1153 | 760   | 826  | 978  | 1129 |
| 4.  | 1058 | 1223 | 1601 | 4111 | 7466 | 8228 | 3757 | 1127 | 737   | 820  | 925  | 1145 |
| 5.  | 1038 | 1276 | 1649 | 4216 | 7588 | 8086 | 3616 | 1088 | 740   | 817  | 944  | 1069 |
| 6.  | 1030 | 1257 | 1683 | 4365 | 7790 | 7999 | 3415 | 1061 | 736   | 811  | 945  | 1049 |
| 7.  | 1040 | 1249 | 1684 | 4573 | 8094 | 8037 | 3299 | 1033 | 735   | 843  | 943  | 1020 |
| 8.  | 1034 | 1348 | 1791 | 4713 | 8159 | 8083 | 3169 | 1013 | 711   | 859  | 948  | 995  |
| 9.  | 1017 | 1353 | 1905 | 4823 | 8291 | 7990 | 3047 | 982  | 724   | 856  | 956  | 959  |
| 10. | 1023 | 1306 | 1885 | 5106 | 8381 | 7922 | 2877 | 949  | 739   | 865  | 980  | 974  |
| 11. | 1020 | 1257 | 1876 | 5302 | 8306 | 7642 | 2729 | 935  | 743   | 873  | 999  | 1033 |
| 12. | 996  | 1243 | 1942 | 5513 | 8296 | 7620 | 2649 | 935  | 739   | 868  | 971  | 1181 |
| 13. | 985  | 1264 | 1977 | 5918 | 8324 | 7609 | 2509 | 904  | 751   | 881  | 941  | 1137 |
| 14. | 1017 | 1266 | 1988 | 6307 | 8525 | 7532 | 2390 | 901  | 785   | 880  | 970  | 1125 |
| 15. | 1070 | 1271 | 2031 | 6548 | 8502 | 7338 | 2282 | 882  | 774   | 893  | 961  | 1045 |
| 16. | 1111 | 1298 | 2162 | 6816 | 8499 | 7308 | 2175 | 857  | 776   | 893  | 1046 | 1014 |
| 17. | 1105 | 1312 | 2123 | 6832 | 8493 | 7126 | 2039 | 846  | 773   | 929  | 968  | 1038 |
| 18. | 1126 | 1293 | 2481 | 7074 | 8623 | 6915 | 1931 | 834  | 756   | 909  | 989  | 1009 |
| 19. | 1121 | 1286 | 2565 | 7071 | 8568 | 6577 | 1847 | 822  | 754   | 900  | 979  | 1046 |
| 20. | 1175 | 1308 | 2707 | 6968 | 8485 | 6531 | 1780 | 813  | 767   | 903  | 1040 | 1014 |
| 21. | 1163 | 1326 | 2785 | 6860 | 8471 | 6294 | 1692 | 812  | 772   | 895  | 1096 | 1054 |
| 22. | 1163 | 1367 | 2894 | 7026 | 8437 | 6061 | 1635 | 805  | 749   | 876  | 1183 | 1091 |
| 23. | 1176 | 1387 | 2980 | 7062 | 8410 | 5780 | 1598 | 795  | 766   | 890  | 1284 | 1508 |
| 24. | 1155 | 1440 | 2977 | 7090 | 8514 | 5558 | 1539 | 772  | 763   | 893  | 1226 | 1701 |
| 25. | 1191 | 1434 | 3048 | 7102 | 8625 | 5282 | 1515 | 762  | 765   | 892  | 1186 | 1447 |
| 26. | 1154 | 1446 | 3110 | 7239 | 8729 | 5079 | 1442 | 751  | 751   | 892  | 1153 | 1259 |
| 27. | 1131 | 1524 | 3214 | 7371 | 8738 | 5141 | 1389 | 740  | 773   | 909  | 1116 | 1195 |
| 28. | 1093 | 1570 | 3267 | 7339 | 8560 | 4742 | 1372 | 742  | 764   | 925  | 1050 | 1185 |
| 29. | 1078 | 1378 | 3440 | 7273 | 8461 | 4568 | 1322 | 738  | 757   | 923  | 1046 | 1236 |
| 30. | 1050 |      | 3486 | 7147 | 8329 | 4399 | 1307 | 736  | 762   | 908  | 1075 | 1188 |
| 31. | 1078 |      | 3519 |      | 8496 |      | 1249 | 743  |       | 913  |      | 1151 |

NATURAL FLOW HIGH YEARS  
PRODUCTION OVER 2,700,000 ACRE FT.

CHART 3-A

| YEAR      | AMOUNT PRODUCED<br>OCT. 1 - SEPT. 30 | HIGH-MONTH | AMOUNT PRODUCED<br>FOR MONTH | HIGH-DAY                         | 24 HR. CFS<br>AMOUNT PRODUCED | INSTANTANEOUS HIGH<br>DURING THE DAY |
|-----------|--------------------------------------|------------|------------------------------|----------------------------------|-------------------------------|--------------------------------------|
| 1895-1896 | 3,301,340                            | JUNE       | 1,464,280                    | JUNE 14                          | 35,500                        |                                      |
| 1898-1899 | 2,915,442                            | JUNE       | 731,400                      | (APRIL 10-99) 19,000<br>JUNE 20  | 18,700                        |                                      |
| 1903-1904 | 3,017,216                            | MAY        | 828,600                      | (APRIL 15-04) 19,700<br>MAY 23   | 18,700                        |                                      |
| 1906-1907 | 3,207,016                            | MAY        | 683,520                      | (APRIL 15-07) 17,000<br>MAY 19   | 13,400                        |                                      |
| 1908-1909 | 2,747,690                            | JUNE       | 655,220                      | JUNE 5 & 6                       | 16,000                        |                                      |
| 1909-1910 | 2,758,160                            | APRIL      | 609,980                      | (MARCH 22-10) 16,600<br>APRIL 12 | 12,000                        |                                      |
| 1920-1921 | 2,905,228                            | MAY        | 824,032                      | MAY 17                           | 18,739                        |                                      |
| 1942-1943 | 3,569,848                            | APRIL      | 1,006,532                    | APRIL 18                         | 25,040                        |                                      |
| 1951-1952 | 2,863,930                            | MAY        | 899,574                      | MAY 5                            | 18,954                        |                                      |
| 1955-1956 | 3,172,944                            | MAY        | 841,354                      | MAY 25                           | 22,949                        |                                      |
| 1964-1965 | 3,662,880                            | MAY        | 836,232                      | DEC. 24                          | 27,294                        | 44,000                               |

# RUNOFF IN MILLIONS OF ACRE- FEET



TOTAL MONTHLY FLOW OF BOISE I

FOR IRRIGATION YEARS BEGINNING

| YEAR      | OCTOBER   | NOVEMBER  | DECEMBER  | JANUARY    | FEBRUARY   | MARCH  | APRIL      | MAY        | JUNE       |
|-----------|-----------|-----------|-----------|------------|------------|--------|------------|------------|------------|
| 1894-95   | 54700( 8) | 54000     | 62700     | 78600      | 68280      | 103180 | 243140     | 395220     | 225700     |
| 1895-96   | 57040     | 54980     | 50980     | 73440      | 67660      | 157560 | 295040     | 555380     | 1464280    |
| 1896-97   | 54220     | 61300( 3) | 64600     | 50520      | 55240      | 87960  | 476000( 5) | 508000( 6) | 415000( 5) |
| 1897-98   | 63440     | 64100     | 61500( 7) | 34100      | 67200      | 119280 | 251900     | 320280     | 299360     |
| 1898-99   | 53262     | 56240     | 151640    | 160600     | 79640      | 113900 | 425740     | 608020     | 731400     |
| 1899-1900 | 83664     | 90000     | 97000     | 125420     | 96440      | 305220 | 380020     | 510720     | 300640     |
| 1900-01   | 63570     | 61880     | 65060     | 79440      | 98340      | 179320 | 305940     | 626460     | 287420     |
| 1901-02   | 56464     | 55892     | 76400     | 61300      | 90440      | 88920  | 211470     | 353460     | 287160     |
| 1902-03   | 45630     | 54498     | 63474     | 81760      | 63570      | 143360 | 448220     | 520620     | 601880     |
| 1903-04   | 58554     | 67800( 7) | 57500     | 124000( 1) | 108000( 1) | 262140 | 671840     | 828600     | 521060     |
| 1904-05   | 58980     | 54000     | 54000( 7) | 50400( 2)  | 56700( 2)  | 101900 | 176200     | 229820     | 247660     |
| 1905-06   | 42980     | 41010     | 40410     | 50810      | 57240      | 101100 | 337920     | 428100     | 346980     |
| 1906-07   | 42350     | 73380     | 74000( 6) | 125400( 3) | 155000( 4) | 346120 | 673380     | 683520     | 534560     |
| 1907-08   | 57890     | 55978     | 63300     | 67230      | 63282      | 141130 | 382540     | 370360     | 324880     |
| 1908-09   | 68440     | 59280     | 58000     | 138160     | 110680     | 232840 | 472120     | 605240     | 655220     |
| 1909-10   | 63140     | 200560    | 124760    | 79900      | 66600      | 566900 | 609980     | 513560     | 310360     |
| 1910-11   | 63210     | 73780     | 76820     | 63010      | 76340      | 159570 | 323960     | 549120     | 740860     |
| 1911-12   | 66570     | 66700     | 63520     | 78420      | 76120      | 99580  | 342620     | 684180     | 677560     |
| 1912-13   | 66960     | 67820     | 60680     | 53800      | 51400      | 101800 | 374960     | 573740     | 413420     |
| 1913-14   | 63524     | 80180     | 61380     | 71196      | 74968      | 216040 | 469040     | 553660     | 307700     |
| 1914-15   | 69680     | 58368     | 44800     | 59580      | 59726      | 94782  | 176564     | 274130     | 191900     |
| 1915-16   | 42410     | 45626     | 53346     | 49930      | 63262      | 197486 | 555062     | 563720     | 594764     |
| 1916-17   | 59106     | 54016     | 53702     | 47628      | 47694      | 61740  | 267082     | 654106     | 643322     |
| 1917-18   | 46004     | 49506     | 128592    | 113818     | 77754      | 181542 | 346040     | 409954     | 461268     |
| 1918-19   | 64492     | 56578     | 49118     | 50532      | 52844      | 114916 | 395854     | 509192     | 240872     |
| 1919-20   | 47968     | 56548     | 52610     | 66528      | 66774      | 89234  | 189044     | 449730     | 333468     |
| 1920-21   | 59966     | 75678     | 67106     | 112422     | 94098      | 271472 | 394484     | 824032     | 718728     |
| 1921-22   | 55492     | 39088     | 44979     | 60982      | 53180      | 113692 | 319642     | 552674     | 659854     |
| 1922-23   | 52172     | 48886     | 52872     | 62100      | 50860      | 92700  | 273726     | 454010     | 376208     |
| 1923-24   | 61592     | 52930     | 51286     | 48954      | 72446      | 63550  | 136450     | 243200     | 76792      |
| 1924-25   | 39218     | 53862     | 42912     | 48416      | 129386     | 192378 | 501862     | 700486     | 367370     |
| 1925-26   | 58400     | 51394     | 63522     | 48414      | 64264      | 140448 | 232672     | 247704     | 105072     |
| 1926-27   | 34882     | 67640     | 84790     | 63200      | 104630     | 188084 | 378928     | 665294     | 725602     |
| 1927-28   | 69014     | 144162    | 97842     | 90008      | 79354      | 272846 | 316812     | 852194     | 305656     |
| 1928-29   | 49852     | 50792     | 46212     | 45514      | 49720      | 101904 | 179094     | 359418     | 285896     |
| 1929-30   | 39356     | 36848     | 69543     | 44774      | 64388      | 103616 | 274178     | 295246     | 257382     |

## TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

|     | APRIL     | MAY       | JUNE      | JULY   | AUGUST | SEPTEMBER | TOTAL     |                                             |
|-----|-----------|-----------|-----------|--------|--------|-----------|-----------|---------------------------------------------|
| 0   | 243140    | 395220    | 225700    | 152380 | 63620  | 58000     | 1,559,520 |                                             |
| 0   | 295040    | 555380    | 1464280   | 385520 | 81960  | 57500     | 3,301,340 |                                             |
| 0   | 476000(5) | 508000(6) | 415000(5) | 143300 | 67250  | 62520     | 2,045,910 |                                             |
| 0   | 251900    | 320280    | 299360    | 116848 | 45708  | 39168     | 1,482,884 | (1) MEAN OF 4 HIGH YEARS                    |
| 0   | 425740    | 608020    | 731400    | 356160 | 109940 | 68900     | 2,915,442 |                                             |
| 0   | 380020    | 510720    | 300640    | 84156  | 53496  | 51196     | 2,177,972 | (2) SUBSTITUTED FROM 1906                   |
| 0   | 305940    | 626460    | 287420    | 116400 | 52222  | 49944     | 1,985,996 | (3) SUBSTITUTED FROM 1900                   |
| 0   | 211470    | 353460    | 287160    | 106720 | 49496  | 40914     | 1,478,636 |                                             |
| 0   | 448220    | 520620    | 601880    | 147580 | 53000  | 46344     | 2,269,936 | (4) MISSING DAYS SUBSTITUTED                |
| 0   | 671840    | 828600    | 521060    | 201920 | 71972  | 43830     | 3,017,216 |                                             |
| 0   | 176200    | 229820    | 247660    | 78860  | 39870  | 34660     | 1,183,050 | (5) MISSING DAYS SUBSTITUTED<br>YEAR MEAN   |
| 0   | 337920    | 428100    | 346980    | 162900 | 52410  | 41090     | 1,702,950 |                                             |
| 20  | 673380    | 683520    | 534560    | 335640 | 101600 | 62066     | 3,207,016 | (6) MISSING MONTHS SUBSTITUTED<br>YEAR MEAN |
| 30  | 382540    | 370360    | 324880    | 198500 | 64920  | 55524     | 1,845,534 |                                             |
| 40  | 472120    | 605240    | 655220    | 226800 | 63690  | 57220     | 2,747,690 |                                             |
| 00  | 609980    | 513560    | 310360    | 110040 | 55970  | 56390     | 2,758,160 | (7) INTERPOLATED                            |
| 70  | 323960    | 549120    | 740860    | 233040 | 74906  | 59728     | 2,494,344 | (8) AVERAGE OF 5 SHORT WATER YEARS          |
| 80  | 342620    | 684180    | 677560    | 173980 | 83380  | 66080     | 2,478,710 |                                             |
| 00  | 374960    | 573740    | 413420    | 158660 | 82964  | 54290     | 2,060,494 |                                             |
| 40  | 469040    | 553660    | 307700    | 124130 | 58742  | 52654     | 2,133,214 |                                             |
| 82  | 176564    | 274130    | 191900    | 89978  | 40926  | 39672     | 1,194,106 |                                             |
| 86  | 555062    | 563720    | 594764    | 293818 | 80102  | 53680     | 2,593,206 |                                             |
| 740 | 267082    | 654106    | 643322    | 260216 | 65224  | 43950     | 2,257,786 |                                             |
| 542 | 346040    | 409954    | 461268    | 112120 | 56300  | 49922     | 2,032,820 |                                             |
| 916 | 395854    | 509192    | 240872    | 69736  | 36404  | 34262     | 1,674,800 |                                             |
| 234 | 189044    | 449730    | 333468    | 117328 | 40586  | 39034     | 1,548,852 |                                             |
| 472 | 394484    | 824032    | 718728    | 175390 | 63068  | 48784     | 2,905,228 |                                             |
| 692 | 319642    | 552674    | 659854    | 148066 | 65210  | 47974     | 2,160,833 |                                             |
| 700 | 273726    | 454010    | 376208    | 192504 | 67552  | 42946     | 1,766,536 |                                             |
| 550 | 136450    | 243200    | 76792     | 35296  | 24426  | 25320     | 892,242   |                                             |
| 378 | 501862    | 700486    | 367370    | 152598 | 60730  | 47302     | 2,336,520 |                                             |
| 448 | 232672    | 247704    | 105072    | 41132  | 30872  | 29480     | 1,113,374 |                                             |
| 084 | 378928    | 665294    | 725602    | 233700 | 74786  | 55734     | 2,677,270 |                                             |
| 846 | 316812    | 852194    | 305656    | 118292 | 51462  | 41304     | 2,438,946 |                                             |
| 904 | 179094    | 359418    | 285896    | 98288  | 36822  | 32488     | 1,336,000 |                                             |
| 616 | 274178    | 295246    | 257382    | 79234  | 43256  | 34720     | 1,342,541 |                                             |

CRE FEET

1895

CHART NO. 4

| AUGUST | SEPTEMBER | TOTAL     |
|--------|-----------|-----------|
| 63620  | 58000     | 1,559,520 |
| 81960  | 57500     | 3,301,340 |
| 67250  | 62520     | 2,045,910 |
| 45708  | 39168     | 1,482,884 |
| 109940 | 68900     | 2,915,442 |
| 53496  | 51196     | 2,177,972 |
| 52222  | 49944     | 1,985,996 |
| 49496  | 40914     | 1,478,636 |
| 53000  | 46344     | 2,269,936 |
| 71972  | 43830     | 3,017,216 |
| 39870  | 34660     | 1,183,050 |
| 52410  | 41090     | 1,702,950 |
| 101600 | 62066     | 3,207,016 |
| 64920  | 55524     | 1,845,534 |
| 63690  | 57220     | 2,747,690 |
| 55970  | 56390     | 2,758,160 |
| 74906  | 59728     | 2,494,344 |
| 83380  | 66080     | 2,478,710 |
| 82964  | 54290     | 2,060,494 |
| 58742  | 52654     | 2,133,214 |
| 40926  | 39672     | 1,194,106 |
| 80102  | 53680     | 2,593,206 |
| 65224  | 43950     | 2,257,786 |
| 56300  | 49922     | 2,032,820 |
| 36404  | 34262     | 1,674,800 |
| 40586  | 39034     | 1,548,852 |
| 63068  | 48784     | 2,905,228 |
| 65210  | 47974     | 2,160,833 |
| 67552  | 42946     | 1,766,536 |
| 24426  | 25320     | 892,242   |
| 60730  | 47302     | 2,336,520 |
| 30872  | 29480     | 1,113,374 |
| 74786  | 55734     | 2,677,270 |
| 51462  | 41304     | 2,438,946 |
| 36822  | 32488     | 1,336,000 |
| 43256  | 34720     | 1,342,541 |

(1) MEAN OF 4 HIGH YEARS

(2) SUBSTITUTED FROM 1906

(3) SUBSTITUTED FROM 1900

(4) MISSING DAYS SUBSTITUTED FROM 1900

(5) MISSING DAYS SUBSTITUTED FROM 21  
YEAR MEAN

(6) MISSING MONTHS SUBSTITUTED FROM 21  
YEAR MEAN

(7) INTERPOLATED

(8) AVERAGE OF 5 SHORT WATER YEARS

CRE FEET

1895

CHART NO. 4

| AUGUST | SEPTEMBER | TOTAL     |
|--------|-----------|-----------|
| 63620  | 58000     | 1,559,520 |
| 81960  | 57500     | 3,301,340 |
| 67250  | 62520     | 2,045,910 |
| 45708  | 39168     | 1,482,884 |
| 109940 | 68900     | 2,915,442 |
| 53496  | 51196     | 2,177,972 |
| 52222  | 49944     | 1,985,996 |
| 49496  | 40914     | 1,478,636 |
| 53000  | 46344     | 2,269,936 |
| 71972  | 43830     | 3,017,216 |
| 39870  | 34660     | 1,183,050 |
| 52410  | 41090     | 1,702,950 |
| 101600 | 62066     | 3,207,016 |
| 64920  | 55524     | 1,845,534 |
| 63690  | 57220     | 2,747,690 |
| 55970  | 56390     | 2,758,160 |
| 74906  | 59728     | 2,494,344 |
| 83380  | 66080     | 2,478,710 |
| 82964  | 54290     | 2,060,494 |
| 58742  | 52654     | 2,133,214 |
| 40926  | 39672     | 1,194,106 |
| 80102  | 53680     | 2,593,206 |
| 65224  | 43950     | 2,257,786 |
| 56300  | 49922     | 2,032,820 |
| 36404  | 34262     | 1,674,800 |
| 40586  | 39034     | 1,548,852 |
| 63068  | 48784     | 2,905,228 |
| 65210  | 47974     | 2,160,833 |
| 67552  | 42946     | 1,766,536 |
| 24426  | 25320     | 892,242   |
| 60730  | 47302     | 2,336,520 |
| 30872  | 29480     | 1,113,374 |
| 74786  | 55734     | 2,677,270 |
| 51462  | 41304     | 2,438,946 |
| 36822  | 32488     | 1,336,000 |
| 43256  | 34720     | 1,342,541 |

(1) MEAN OF 4 HIGH YEARS

(2) SUBSTITUTED FROM 1906

(3) SUBSTITUTED FROM 1900

(4) MISSING DAYS SUBSTITUTED FROM 1900

(5) MISSING DAYS SUBSTITUTED FROM 21  
YEAR MEAN

(6) MISSING MONTHS SUBSTITUTED FROM 21  
YEAR MEAN

(7) INTERPOLATED

(8) AVERAGE OF 5 SHORT WATER YEARS

TOTAL MONTHLY FLOW OF BOISE F  
FOR IRRIGATION YEARS BEGINNING

| YEAR               | OCTOBER | NOVEMBER | DECEMBER | JANUARY | FEBRUARY | MARCH  | APRIL   | MAY    | JUNE   |
|--------------------|---------|----------|----------|---------|----------|--------|---------|--------|--------|
| 1930-31            | 54512   | 45418    | 44108    | 44818   | 45298    | 91246  | 177172  | 251538 | 110862 |
| 1931-32            | 31424   | 31224    | 36376    | 38612   | 36756    | 135826 | 336006  | 564176 | 458224 |
| 1932-33            | 39142   | 56478    | 40596    | 43926   | 41136    | 64474  | 239342  | 341610 | 538198 |
| 1933-34            | 41276   | 47684    | 55652    | 79680   | 79948    | 151896 | 249648  | 229216 | 86240  |
| 1934-35            | 37038   | 49444    | 51208    | 52256   | 54336    | 83150  | 299458  | 428528 | 363262 |
| 1935-36            | 33616   | 38248    | 37352    | 44612   | 47356    | 100060 | 577594  | 625906 | 319284 |
| 1936-37            | 39772   | 36600    | 41556    | 37568   | 41728    | 89870  | 207358  | 381192 | 178996 |
| 1937-38            | 36266   | 49828    | 115760   | 67492   | 71566    | 191026 | 505100  | 711314 | 558138 |
| 1938-39            | 60626   | 67994    | 60980    | 52236   | 47170    | 164294 | 328918  | 341836 | 136300 |
| 1939-40            | 40474   | 38998    | 49268    | 53858   | 75724    | 201512 | 355842  | 434480 | 227258 |
| 1940-41            | 53168   | 59764    | 56634    | 54260   | 65368    | 113448 | 188300  | 365336 | 266776 |
| 1941-42            | 48552   | 63200    | 106838   | 62182   | 62162    | 87804  | 341662  | 325676 | 362374 |
| 1942-43            | 42564   | 64068    | 81782    | 153190  | 116564   | 235138 | 1006532 | 722804 | 627754 |
| 1943-44            | 61802   | 70704    | 55768    | 49412   | 52610    | 68094  | 164000  | 303208 | 247726 |
| 1944-45            | 40828   | 52198    | 42902    | 56270   | 80144    | 99160  | 202368  | 473146 | 405996 |
| 1945-46            | 45822   | 53670    | 74712    | 79530   | 65804    | 218604 | 639804  | 651660 | 378824 |
| 1946-47            | 67394   | 72214    | 109392   | 60362   | 87278    | 181276 | 289398  | 545764 | 297238 |
| 1947-48            | 56244   | 57582    | 55516    | 65522   | 60480    | 73396  | 264424  | 505792 | 459706 |
| 1948-49            | 44642   | 53918    | 51094    | 49038   | 45674    | 146834 | 416548  | 566862 | 301108 |
| 1949-50            | 49224   | 55212    | 51216    | 63188   | 71410    | 154558 | 409786  | 559496 | 540810 |
| 1950-51            | 67520   | 84952    | 88638    | 70656   | 126136   | 128158 | 553712  | 689842 | 439576 |
| 1951-52            | 77272   | 64284    | 87604    | 68400   | 77508    | 106282 | 671898  | 899574 | 518800 |
| 1952-53            | 51784   | 48172    | 54662    | 101282  | 88560    | 126710 | 330196  | 403576 | 583564 |
| 1953-54            | 49856   | 59544    | 57108    | 61536   | 93274    | 149716 | 382042  | 596132 | 343118 |
| 1954-55            | 52732   | 50470    | 45120    | 47482   | 40446    | 55692  | 129822  | 397270 | 419160 |
| 1955-56            | 50622   | 68686    | 205518   | 147514  | 104510   | 228258 | 636502  | 841354 | 582584 |
| 1956-57            | 66608   | 62454    | 69282    | 52648   | 92880    | 194092 | 361256  | 753938 | 518012 |
| 1957-58            | 54112   | 52148    | 58128    | 53682   | 121836   | 124694 | 323768  | 946374 | 501566 |
| 1958-59            | 51842   | 63796    | 83974    | 76466   | 69702    | 92542  | 276734  | 331594 | 362156 |
| 1959-60            | 86908   | 60852    | 48514    | 51664   | 64890    | 172830 | 358988  | 374362 | 333350 |
| 1960-61            | 47044   | 53842    | 47966    | 42454   | 58830    | 91230  | 172064  | 298818 | 229386 |
| 1961-62            | 52150   | 51660    | 51872    | 54554   | 78326    | 83072  | 407856  | 406458 | 425398 |
| 1962-63            | 70954   | 65014    | 65918    | 43612   | 147122   | 91904  | 180298  | 452916 | 411904 |
| 1963-64            | 53040   | 66998    | 51172    | 52170   | 53860    | 71218  | 262166  | 457280 | 407856 |
| 1964-65            | 47408   | 54288    | 258810   | 160396  | 182606   | 185530 | 624180  | 836232 | 778888 |
| 71 YEAR<br>AVERAGE | 54063   | 60652    | 69351    | 69758   | 75528    | 147349 | 361694  | 513921 | 419122 |

## TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

| YR   | APRIL   | MAY    | JUNE   | JULY   | AUGUST | SEPTEMBER | TOTAL     |
|------|---------|--------|--------|--------|--------|-----------|-----------|
| 1894 | 177172  | 251538 | 110862 | 34670  | 23156  | 24046     | 946,844   |
| 1895 | 336006  | 564176 | 438224 | 154298 | 52212  | 41746     | 1,916,880 |
| 1896 | 299342  | 341610 | 538198 | 99610  | 40282  | 35556     | 1,580,350 |
| 1897 | 249648  | 229216 | 86240  | 37252  | 22622  | 24966     | 1,106,080 |
| 1898 | 299458  | 428528 | 363262 | 97334  | 39022  | 30052     | 1,585,108 |
| 1899 | 577594  | 625906 | 319284 | 82558  | 43272  | 40936     | 1,990,754 |
| 1900 | 207358  | 381192 | 178996 | 60820  | 25996  | 25958     | 1,167,414 |
| 1901 | 505100  | 711314 | 558138 | 201292 | 71190  | 46910     | 2,625,882 |
| 1902 | 328918  | 341836 | 136300 | 60358  | 28454  | 30436     | 1,379,002 |
| 1903 | 355842  | 434480 | 227258 | 64468  | 31480  | 38986     | 1,612,548 |
| 1904 | 188300  | 365356 | 266776 | 83332  | 53206  | 41318     | 1,400,910 |
| 1905 | 341662  | 325676 | 362374 | 137452 | 46974  | 35340     | 1,680,216 |
| 1906 | 1006532 | 722804 | 627754 | 359598 | 103756 | 56098     | 3,569,848 |
| 1907 | 164000  | 303208 | 247726 | 106382 | 43684  | 34768     | 1,258,158 |
| 1908 | 202368  | 473146 | 405996 | 139808 | 51316  | 39146     | 1,683,282 |
| 1909 | 639804  | 651660 | 378824 | 137194 | 58374  | 49934     | 2,449,932 |
| 1910 | 289398  | 545764 | 297238 | 114094 | 43050  | 37208     | 1,904,668 |
| 1911 | 264424  | 505792 | 459706 | 109372 | 44612  | 36580     | 1,789,226 |
| 1912 | 416548  | 566862 | 301108 | 91898  | 40464  | 31126     | 1,839,206 |
| 1913 | 409786  | 559496 | 540810 | 241712 | 74502  | 49264     | 2,320,378 |
| 1914 | 553712  | 689842 | 439576 | 195690 | 70696  | 42550     | 2,558,126 |
| 1915 | 671898  | 899374 | 518800 | 172464 | 68736  | 51108     | 2,863,930 |
| 1916 | 330196  | 403576 | 583564 | 254344 | 72894  | 47628     | 2,163,372 |
| 1917 | 382042  | 596132 | 343118 | 178956 | 67416  | 42364     | 2,081,062 |
| 1918 | 129822  | 397270 | 419160 | 131938 | 56542  | 40794     | 1,467,468 |
| 1919 | 636502  | 841354 | 582584 | 189896 | 62416  | 55084     | 3,172,944 |
| 1920 | 361256  | 753938 | 518012 | 148306 | 51944  | 53370     | 2,424,790 |
| 1921 | 323768  | 946374 | 501566 | 142466 | 61766  | 54424     | 2,494,964 |
| 1922 | 276734  | 331594 | 362156 | 104896 | 48432  | 67634     | 1,629,768 |
| 1923 | 358988  | 374362 | 333350 | 81574  | 45758  | 46244     | 1,725,934 |
| 1924 | 172064  | 298818 | 229386 | 56820  | 40060  | 38212     | 1,176,726 |
| 1925 | 407856  | 406458 | 423598 | 142912 | 57452  | 49586     | 1,861,296 |
| 1926 | 180298  | 452916 | 411904 | 148768 | 53310  | 56736     | 1,788,456 |
| 1927 | 262166  | 437280 | 407856 | 152946 | 50092  | 52798     | 1,731,596 |
| 1928 | 624180  | 836232 | 778888 | 338964 | 118326 | 77252     | 3,662,880 |
| 1929 | 361694  | 513921 | 419122 | 150418 | 56737  | 45729     | 2,024,323 |

1 = 1N ACRE FEET

1894 - 1895

CHART NO. 4

| JULY   | AUGUST | SEPTEMBER | TOTAL     |
|--------|--------|-----------|-----------|
| 34670  | 23156  | 24046     | 946,844   |
| 34298  | 52212  | 41746     | 1,916,880 |
| 99610  | 40282  | 35556     | 1,580,350 |
| 37232  | 22622  | 24966     | 1,106,080 |
| 97334  | 39022  | 30052     | 1,585,108 |
| 82558  | 43272  | 40936     | 1,990,794 |
| 60820  | 25996  | 25958     | 1,167,414 |
| 201292 | 71190  | 46910     | 2,625,882 |
| 60358  | 28454  | 30436     | 1,379,002 |
| 64468  | 31480  | 38986     | 1,612,348 |
| 83332  | 53206  | 41318     | 1,400,910 |
| 137452 | 46974  | 35340     | 1,680,216 |
| 399598 | 103756 | 56098     | 3,569,848 |
| 106382 | 43684  | 34768     | 1,258,158 |
| 139808 | 51316  | 39146     | 1,683,282 |
| 137194 | 58374  | 45934     | 2,449,932 |
| 114094 | 43050  | 37208     | 1,904,668 |
| 109372 | 44612  | 36580     | 1,789,226 |
| 91898  | 40464  | 31126     | 1,839,206 |
| 241712 | 74502  | 49264     | 2,320,378 |
| 195690 | 70696  | 42550     | 2,558,126 |
| 172464 | 68736  | 51108     | 2,863,930 |
| 254344 | 72894  | 47628     | 2,163,372 |
| 178956 | 67416  | 42364     | 2,081,062 |
| 131938 | 56542  | 40794     | 1,467,468 |
| 189896 | 62416  | 55084     | 3,172,944 |
| 148306 | 51944  | 53370     | 2,424,790 |
| 142466 | 61766  | 54424     | 2,494,964 |
| 104896 | 48432  | 67634     | 1,629,768 |
| 81574  | 45758  | 46244     | 1,725,934 |
| 56820  | 40060  | 38212     | 1,176,726 |
| 142912 | 57452  | 49586     | 1,861,296 |
| 148768 | 53310  | 56736     | 1,788,456 |
| 152946 | 50092  | 52798     | 1,731,596 |
| 338964 | 118326 | 77252     | 3,662,880 |
| 150418 | 56737  | 45729     | 2,024,323 |

R - IN ACRE FEET

1894 - 1895

CHART NO. 4

| JULY   | AUGUST | SEPTEMBER | TOTAL     |
|--------|--------|-----------|-----------|
| 34670  | 23156  | 24046     | 946,844   |
| 54298  | 52212  | 41746     | 1,916,880 |
| 99610  | 40282  | 35556     | 1,580,350 |
| 37252  | 22622  | 24966     | 1,106,080 |
| 97334  | 39022  | 30052     | 1,585,108 |
| 82558  | 43272  | 40936     | 1,990,794 |
| 60820  | 25996  | 25958     | 1,167,414 |
| 201292 | 71190  | 46910     | 2,625,882 |
| 60358  | 28454  | 30436     | 1,379,002 |
| 64468  | 31480  | 38986     | 1,612,348 |
| 83332  | 53206  | 41318     | 1,400,910 |
| 137452 | 46974  | 35340     | 1,680,216 |
| 359598 | 103756 | 56098     | 3,569,848 |
| 106382 | 43684  | 34768     | 1,258,158 |
| 139808 | 51316  | 39146     | 1,683,282 |
| 137194 | 58374  | 45934     | 2,449,932 |
| 114094 | 43050  | 37208     | 1,904,668 |
| 109372 | 44612  | 36580     | 1,789,226 |
| 91898  | 40464  | 31126     | 1,839,206 |
| 241712 | 74502  | 49264     | 2,320,378 |
| 195690 | 70696  | 42550     | 2,558,126 |
| 172464 | 68736  | 51108     | 2,863,930 |
| 254344 | 72894  | 47628     | 2,163,372 |
| 178956 | 67416  | 42364     | 2,081,062 |
| 131938 | 56542  | 40794     | 1,467,468 |
| 189896 | 62416  | 55084     | 3,172,944 |
| 148306 | 51944  | 53370     | 2,424,790 |
| 142466 | 61766  | 54424     | 2,494,964 |
| 104896 | 48432  | 67634     | 1,629,768 |
| 81574  | 45758  | 46244     | 1,725,934 |
| 56820  | 40060  | 38212     | 1,176,726 |
| 142912 | 57452  | 49586     | 1,861,296 |
| 148768 | 53310  | 56736     | 1,788,456 |
| 152946 | 50092  | 52798     | 1,731,596 |
| 338964 | 118326 | 77252     | 3,662,880 |
| 150418 | 56737  | 45729     | 2,024,323 |

DISCHARGE IN SECOND FEET OF  
BY DAYS DURING THE IRRIGATION SEASON

APRIL

| NAME OF CANAL          | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| BALLANTINE             |      |      |      |      | 20   | 20   | 20   | 20   | 20   | 19   | 19   | 18   | 18   | 17   | 16   |
| BOISE CITY             |      |      |      |      |      | 11   | 13   | 13   | 27   | 29   | 16   | 19   | 16   | 18   | 18   |
| BOISE VALLEY           |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 6    |
| BURN                   |      |      |      |      |      |      |      |      |      |      |      |      | 65   | 65   | 65   |
| CALDWELL HIGH LINE     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| CAMPBELL               |      |      |      |      |      |      |      | 41   | 41   | 41   | 41   | 41   | 41   | 41   | 41   |
| CANYON COUNTY          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| DAVIS DITCH            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| EAGLE ISLAND CANALS    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| FOREMA #1              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| FOREMA #2              |      |      |      |      | 76   | 78   | 80   | 82   | 84   | 86   | 88   | 90   | 92   | 93   | 94   |
| FARMERS UNION          |      |      |      |      | 52   | 66   | 64   | 71   | 68   | 66   | 68   | 65   | 68   | 79   | 96   |
| LITTLE PIONEER         |      |      |      |      |      |      |      | 29   | 28   | 27   | 26   | 25   | 25   | 24   | 24   |
| LOWER CENTER POINT     |      |      |      |      |      |      |      | 23   | 23   | 23   | 23   | 24   | 24   | 24   | 25   |
| MIDDLETON CANALS       |      |      |      |      |      |      |      | 69   | 71   | 73   | 75   | 76   | 77   | 78   | 79   |
| MISCELLANEOUS          | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |
| NEW DRY CREEK          |      |      |      |      |      |      |      | 24   | 24   | 24   | 23   | 23   | 22   | 22   | 22   |
| NEW UNION              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| NEW YORK CANAL         | 628  | 731  | 930  | 1249 | 1249 | 1338 | 1442 | 1537 | 1773 | 1768 | 1553 | 1553 | 1442 | 1442 | 1759 |
| PENITENTIARY           |      |      |      |      |      |      | 2    | 2    | 0    | 0    | 0    | 0    | 2    | 1    | 1    |
| PHILLIS                |      | 166  | 166  | 166  | 173  | 305  | 300  | 300  | 306  | 274  | 274  | 274  | 272  | 272  | 274  |
| PIONEER DITCH          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| RIDENBAUGH             | 138  | 160  | 160  | 166  | 196  | 219  | 242  | 243  | 260  | 211  | 227  | 223  | 216  | 215  | 231  |
| RIVERSIDE #2           |      |      |      |      | 142  | 142  | 142  | 143  | 143  | 143  | 144  | 144  | 144  | 145  | 145  |
| ROSSI MILL             | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 7    | 7    | 7    | 7    | 7    | 8    |
| SEBAST (FARMERS CO-OP) |      |      |      |      | 105  | 76   | 61   | 50   | 49   | 48   | 65   | 94   | 205  | 216  | 191  |
| SETTLERS               |      |      |      |      |      |      |      |      |      |      | 25   | 25   | 33   | 52   | 52   |
| STERNBERG              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| TARMAN MILL            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| UPPER CENTER POINT     |      |      |      |      | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 12   |
| TOTAL CANAL DIVERSIONS | 774  | 1065 | 1264 | 1589 | 1927 | 2303 | 2400 | 2677 | 2937 | 2853 | 2645 | 2685 | 2664 | 2795 | 3186 |
| RIVER AT MOUTH         | 6060 | 5930 | 5860 | 5600 | 5410 | 5200 | 5220 | 5160 | 5060 | 5250 | 5330 | 5260 | 5270 | 5120 | 4820 |
| TOTALS                 | 6834 | 6995 | 7124 | 7189 | 7337 | 7503 | 7620 | 7837 | 7997 | 8103 | 7975 | 7945 | 7934 | 7915 | 8006 |

## DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1965, INCLUDING STORAGE

## APRIL

| 8  | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 20 | 20   | 19   | 19   | 18   | 18   | 17   | 16   | 15   | 14   | 14   | 13   | 13   | 13   | 13   | 12   | 12   | 12   | 12   | 13   | 13   |
| 13 | 27   | 29   | 16   | 19   | 16   | 18   | 18   | 18   | 19   | 19   | 17   | 17   | 16   | 15   | 13   | 13   | 13   | 13   | 14   | 17   |
|    |      |      |      |      | 65   | 65   | 65   | 65   | 65   | 65   | 65   | 75   | 77   | 82   | 79   | 79   | 83   | 81   | 83   | 74   |
| 41 | 41   | 41   | 41   | 41   | 41   | 41   | 41   | 41   | 41   | 41   | 41   | 41   | 41   | 41   | 41   | 40   | 39   | 38   | 38   | 39   |
|    |      |      |      |      |      |      |      | 57   | 57   | 57   | 57   | 57   | 57   | 58   | 58   | 59   | 59   | 60   | 60   | 61   |
|    |      |      |      |      |      |      |      |      |      |      |      | 11   | 10   | 9    | 8    | 7    | 6    | 6    | 6    | 7    |
| 82 | 84   | 86   | 88   | 90   | 92   | 93   | 94   | 95   | 96   | 97   | 99   | 101  | 103  | 102  | 101  | 100  | 99   | 98   | 97   | 100  |
| 71 | 68   | 66   | 68   | 65   | 68   | 79   | 96   | 96   | 65   | 65   | 67   | 69   | 67   | 67   | 64   | 77   | 76   | 77   | 112  | 118  |
| 29 | 28   | 27   | 26   | 25   | 25   | 24   | 24   | 23   | 23   | 22   | 21   | 20   | 21   | 22   | 23   | 23   | 24   | 25   | 28   | 31   |
| 23 | 23   | 23   | 23   | 24   | 24   | 24   | 25   | 25   | 25   | 26   | 26   | 26   | 26   | 26   | 26   | 25   | 25   | 25   | 25   | 25   |
| 69 | 71   | 73   | 75   | 76   | 77   | 78   | 79   | 80   | 81   | 83   | 85   | 87   | 89   | 91   | 92   | 94   | 96   | 98   | 103  | 108  |
| 2  | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 11   | 12   | 12   |
| 24 | 24   | 24   | 23   | 23   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 31   | 28   | 28   | 28   | 28   | 28   | 27   | 28   | 38   |
| 2  | 1537 | 1773 | 1768 | 1553 | 1553 | 1442 | 1442 | 1759 | 1759 | 1750 | 1713 | 1603 | 1314 | 1305 | 1107 | 974  | 977  | 977  | 984  | 1193 |
| 2  | 2    | 0    | 0    | 0    | 0    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| 0  | 300  | 306  | 274  | 274  | 274  | 272  | 272  | 274  | 274  | 274  | 277  | 277  | 279  | 279  | 279  | 277  | 277  | 279  | 324  | 334  |
| 2  | 243  | 260  | 211  | 227  | 223  | 216  | 215  | 231  | 253  | 224  | 229  | 243  | 253  | 254  | 267  | 263  | 258  | 284  | 288  | 289  |
| 2  | 143  | 143  | 143  | 144  | 144  | 144  | 145  | 145  | 145  | 146  | 146  | 147  | 147  | 102  | 102  | 102  | 101  | 100  | 100  | 98   |
| 6  | 6    | 6    | 7    | 7    | 7    | 7    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 7    | 7    | 7    | 7    | 7    |
| 6  | 61   | 50   | 49   | 48   | 65   | 94   | 205  | 216  | 191  | 124  | 99   | 70   | 68   | 65   | 127  | 146  | 189  | 187  | 205  | 214  |
|    |      |      |      |      | 25   | 25   | 33   | 52   | 52   | 52   | 52   | 52   | 52   | 51   | 49   | 48   | 55   | 59   | 59   | 59   |
| 1  | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 12   | 12   | 12   | 13   | 13   | 13   | 13   | 13   | 13   | 14   | 14   | 14   | 14   |
| 0  | 2677 | 2937 | 2853 | 2645 | 2685 | 2664 | 2795 | 3186 | 3183 | 3107 | 3057 | 2921 | 2681 | 2678 | 2548 | 2437 | 2501 | 2503 | 2623 | 2944 |
| 0  | 5160 | 5060 | 5250 | 5330 | 5260 | 5270 | 5120 | 4820 | 4820 | 4890 | 4860 | 5050 | 5250 | 5270 | 5510 | 5670 | 5570 | 5540 | 5480 | 5290 |
| 0  | 7837 | 7997 | 8103 | 7975 | 7945 | 7934 | 7915 | 8006 | 8003 | 7997 | 7917 | 7971 | 7931 | 7948 | 8058 | 8107 | 8071 | 8043 | 8103 | 8234 |

## VALLEY CANALS

5. INCLUDING STORAGE

CHART NO. 5

| 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31 | TOTAL  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|--------|
| 14   | 14   | 13   | 13   | 13   | 13   | 12   | 12   | 12   | 12   | 13   | 15   | 16   | 18   |    | 412    |
| 19   | 19   | 17   | 17   | 16   | 15   | 15   | 15   | 15   | 14   | 17   | 17   | 22   | 22   |    | 92     |
| 6    | 6    | 6    | 6    | 6    | 6    | 6    | 7    | 7    | 15   | 14   | 13   | 13   | 12   |    | 413    |
| 65   | 65   | 65   | 75   | 77   | 82   | 79   | 79   | 83   | 7    | 7    | 7    | 7    | 7    |    | 103    |
|      |      |      |      |      |      |      |      |      | 81   | 83   | 74   | 97   | 97   |    | 1362   |
| 41   | 41   | 41   | 41   | 41   | 41   | 41   | 40   | 39   | 38   | 38   | 39   | 40   | 42   |    | 932    |
| 37   | 37   | 37   | 57   | 57   | 58   | 58   | 59   | 59   | 60   | 60   | 61   | 62   | 64   |    | 826    |
|      |      |      | 11   | 10   | 9    | 8    | 7    | 6    | 6    | 6    | 7    | 8    | 8    |    | 86     |
|      |      |      |      |      |      |      |      |      |      |      |      |      |      |    | 0      |
|      |      |      |      |      |      |      |      |      |      |      |      |      |      |    | 0      |
| 96   | 97   | 99   | 101  | 103  | 102  | 101  | 100  | 99   | 98   | 97   | 100  | 104  | 108  |    | 2443   |
| 65   | 65   | 67   | 69   | 67   | 67   | 64   | 77   | 76   | 77   | 112  | 118  | 145  | 151  |    | 2079   |
| 23   | 22   | 21   | 20   | 21   | 22   | 23   | 23   | 24   | 25   | 28   | 31   | 34   | 37   |    | 585    |
| 25   | 26   | 26   | 26   | 26   | 26   | 26   | 25   | 25   | 25   | 25   | 25   | 25   | 25   |    | 570    |
| 81   | 83   | 85   | 87   | 89   | 91   | 92   | 94   | 96   | 98   | 103  | 108  | 113  | 118  |    | 2016   |
| 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 11   | 12   | 12   | 12   | 12   |    | 109    |
| 22   | 22   | 22   | 31   | 28   | 28   | 28   | 28   | 28   | 27   | 28   | 38   | 43   | 56   |    | 635    |
|      |      |      |      |      |      |      |      |      |      | 15   | 15   | 15   | 15   |    | 60     |
| 1750 | 1713 | 1603 | 1314 | 1305 | 1107 | 974  | 977  | 977  | 984  | 1193 | 1492 | 1688 | 1894 |    | 41124  |
| 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |    | 23     |
| 274  | 277  | 277  | 279  | 279  | 279  | 277  | 277  | 279  | 324  | 334  | 337  | 340  | 342  |    | 7971   |
|      |      |      | 45   | 46   | 47   | 49   | 50   | 51   | 51   | 53   | 53   | 53   | 53   |    | 500    |
| 224  | 229  | 229  | 243  | 253  | 254  | 267  | 263  | 258  | 284  | 288  | 289  | 351  | 359  |    | 7151   |
| 146  | 146  | 147  | 147  | 102  | 102  | 102  | 101  | 100  | 100  | 98   | 100  | 102  | 105  |    | 3320   |
| 8    | 8    | 8    | 8    | 8    | 8    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    |    | 209    |
| 124  | 99   | 70   | 68   | 65   | 127  | 146  | 189  | 187  | 205  | 214  | 202  | 202  | 202  |    | 3260   |
| 52   | 52   | 52   | 52   | 51   | 49   | 48   | 55   | 59   | 59   | 59   | 65   | 66   | 46   |    | 952    |
|      |      |      |      |      |      |      |      |      |      | 25   | 23   | 21   | 19   |    | 88     |
|      |      |      |      |      |      |      |      |      |      |      |      | 15   | 15   |    | 30     |
| 12   | 13   | 13   | 13   | 13   | 13   | 13   | 14   | 14   | 14   | 14   | 14   | 14   | 13   |    | 323    |
| 3107 | 3057 | 2921 | 2681 | 2678 | 2548 | 2437 | 2501 | 2503 | 2623 | 2944 | 3263 | 3616 | 3848 |    | 77674  |
| 4890 | 4860 | 5050 | 5250 | 5270 | 5510 | 5670 | 5570 | 5540 | 5480 | 5290 | 5480 | 5530 | 5500 |    | 160260 |
| 7997 | 7917 | 7971 | 7931 | 7948 | 8058 | 8107 | 8071 | 8043 | 8103 | 8234 | 8743 | 9146 | 9348 |    | 237934 |

DISCHARGE IN SECOND FEET OF E  
BY DAYS DURING THE IRRIGATION SEASON

MAY

| NAME OF CANAL          | 1    | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    |       |
|------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BALLANTINE             | 19   | 20    | 22    | 22    | 23    | 23    | 24    | 24    | 25    | 25    | 25    | 25    | 24    | 24    | 24    | 2     |
| BOISE CITY             | 22   | 22    | 20    | 21    | 21    | 21    | 30    | 30    | 29    | 29    | 34    | 34    | 34    | 36    | 36    | 3     |
| BOISE VALLEY           | 28   | 17    | 41    | 36    | 41    | 43    | 45    | 49    | 51    | 54    | 54    | 53    | 54    | 56    | 55    | 5     |
| BUBB                   | 7    | 7     | 7     | 8     | 9     | 11    | 13    | 15    | 16    | 17    | 17    | 16    | 16    | 16    | 15    | 1     |
| CALDWELL HIGH LINE     | 92   | 87    | 87    | 81    | 86    | 90    | 91    | 87    | 87    | 86    | 90    | 98    | 91    | 90    | 88    | 9     |
| CAMPBELL               | 44   | 45    | 46    | 47    | 47    | 46    | 46    | 45    | 44    | 43    | 42    | 42    | 42    | 42    | 42    | 4     |
| CANYON COUNTY          | 66   | 68    | 69    | 70    | 72    | 74    | 76    | 79    | 82    | 84    | 86    | 88    | 87    | 86    | 86    | 8     |
| DAVIS DITCH            | 9    | 10    | 10    | 10    | 10    | 10    | 11    | 11    | 11    | 11    | 11    | 11    | 11    | 10    | 10    | 1     |
| EAGLE ISLAND CANALS    |      |       | 20    | 30    | 45    | 45    | 50    | 50    | 50    | 50    | 55    | 55    | 55    | 55    | 55    | 5     |
| EUREKA #1              | 17   | 17    | 26    | 20    | 35    | 36    | 37    | 37    | 37    | 37    | 39    | 38    | 41    | 41    | 41    | 4     |
| EUREKA #2              | 112  | 116   | 119   | 121   | 119   | 117   | 115   | 113   | 112   | 111   | 110   | 108   | 110   | 112   | 115   | 11    |
| FARMERS UNION          | 171  | 187   | 198   | 201   | 196   | 193   | 190   | 191   | 203   | 199   | 199   | 200   | 199   | 208   | 207   | 20    |
| LITTLE PIONEER         | 40   | 44    | 47    | 46    | 45    | 44    | 42    | 40    | 39    | 38    | 37    | 39    | 40    | 42    | 43    | 4     |
| LOWER CENTER POINT     | 24   | 24    | 24    | 24    | 24    | 24    | 25    | 25    | 25    | 26    | 26    | 26    | 27    | 28    | 29    | 2     |
| MIDDLETON CANALS       | 123  | 128   | 132   | 135   | 138   | 142   | 146   | 150   | 154   | 157   | 160   | 161   | 162   | 164   | 166   | 16    |
| MISCELLANEOUS          | 12   | 11    | 11    | 11    | 11    | 11    | 11    | 11    | 11    | 11    | 10    | 10    | 10    | 10    | 10    | 1     |
| NEW DRY CREEK          | 51   | 47    | 51    | 51    | 51    | 54    | 55    | 55    | 53    | 77    | 81    | 92    | 94    | 99    | 103   | 10    |
| NEW UNION              | 15   | 15    | 15    | 15    | 14    | 14    | 14    | 13    | 13    | 13    | 13    | 14    | 14    | 14    | 15    | 1     |
| NEW YORK CANAL         | 1925 | 1930  | 1935  | 2135  | 2435  | 2578  | 2668  | 2668  | 2674  | 2685  | 2690  | 2769  | 2886  | 2881  | 2903  | 291   |
| PENITENTIARY           | 7    | 3     | 4     | 4     | 4     | 6     | 8     | 10    | 7     | 9     | 10    | 9     | 10    | 11    | 11    | 1     |
| PHYLLIS                | 358  | 393   | 420   | 428   | 429   | 448   | 447   | 445   | 445   | 517   | 517   | 518   | 533   | 533   | 533   | 53    |
| PIONEER DIXIE          | 52   | 52    | 52    | 52    | 53    | 54    | 55    | 55    | 56    | 57    | 58    | 59    | 60    | 61    | 62    | 6     |
| RIDENBAUGH             | 372  | 388   | 405   | 448   | 457   | 464   | 467   | 490   | 503   | 546   | 562   | 561   | 564   | 560   | 552   | 55    |
| RIVERSIDE #2           | 109  | 112   | 114   | 116   | 120   | 124   | 128   | 133   | 138   | 142   | 146   | 150   | 154   | 158   | 162   | 166   |
| ROSSI MILL             | 8    | 8     | 8     | 8     | 9     | 9     | 9     | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    |
| SEBREE (FARMERS CO-OP) | 202  | 202   | 202   | 202   | 205   | 207   | 209   | 234   | 236   | 262   | 265   | 302   | 291   | 299   | 299   | 297   |
| SETTLERS               | 78   | 85    | 110   | 119   | 134   | 134   | 152   | 162   | 167   | 168   | 179   | 190   | 189   | 195   | 194   | 193   |
| SIEBENBERG             | 17   | 15    | 14    | 13    | 13    | 13    | 13    | 13    | 13    | 13    | 13    | 13    | 13    | 13    | 13    | 14    |
| THURMAN MILL           | 15   | 15    | 15    | 18    | 21    | 24    | 28    | 32    | 36    | 39    | 39    | 39    | 40    | 40    | 41    | 41    |
| UPPER CENTER POINT     | 13   | 13    | 12    | 12    | 13    | 14    | 15    | 17    | 19    | 20    | 21    | 22    | 22    | 23    | 23    | 23    |
| TOTAL CANAL DIVERSIONS | 4008 | 4081  | 4236  | 4504  | 4880  | 5073  | 5220  | 5294  | 5346  | 5536  | 5599  | 5752  | 5883  | 5917  | 5943  | 5970  |
| RIVER AT NOTUS         | 5750 | 5930  | 5960  | 6130  | 6170  | 6180  | 6320  | 6320  | 6480  | 6490  | 6300  | 5990  | 5860  | 5880  | 5900  | 5970  |
| TOTALS                 | 9758 | 10011 | 10196 | 10634 | 11050 | 11253 | 11540 | 11614 | 11826 | 12026 | 11899 | 11742 | 11743 | 11797 | 11843 | 11940 |

## DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1965, INCLUDING STORAGE

MAY

| 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 25    | 25    | 25    | 25    | 24    | 24    | 24    | 26    | 26    | 26    | 25    | 24    | 23    | 23    | 22    | 22    | 21    | 21    | 22    | 22    | 22    |
| 29    | 29    | 34    | 34    | 34    | 36    | 36    | 36    | 32    | 35    | 34    | 34    | 34    | 33    | 33    | 33    | 33    | 33    | 26    | 26    | 26    |
| 51    | 54    | 54    | 53    | 54    | 56    | 55    | 56    | 54    | 51    | 54    | 53    | 52    | 52    | 41    | 40    | 40    | 41    | 42    | 42    | 43    |
| 16    | 17    | 17    | 16    | 16    | 16    | 15    | 15    | 15    | 15    | 14    | 14    | 13    | 13    | 12    | 12    | 12    | 12    | 13    | 13    | 14    |
| 87    | 86    | 90    | 98    | 91    | 90    | 88    | 99    | 96    | 99    | 96    | 94    | 96    | 94    | 60    | 45    | 55    | 51    | 51    | 51    | 52    |
| 44    | 43    | 42    | 42    | 42    | 42    | 42    | 42    | 42    | 42    | 42    | 42    | 42    | 42    | 42    | 42    | 42    | 42    | 41    | 40    | 39    |
| 82    | 84    | 86    | 88    | 87    | 86    | 86    | 85    | 84    | 84    | 81    | 78    | 75    | 72    | 69    | 66    | 63    | 66    | 69    | 71    | 73    |
| 11    | 11    | 11    | 11    | 11    | 10    | 10    | 10    | 10    | 10    | 10    | 11    | 11    | 11    | 12    | 12    | 12    | 12    | 12    | 12    | 12    |
| 50    | 50    | 55    | 55    | 55    | 55    | 55    | 55    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 55    | 55    | 55    | 56    |
| 37    | 37    | 39    | 38    | 41    | 41    | 41    | 42    | 43    | 38    | 40    | 41    | 41    | 42    | 42    | 39    | 32    | 36    | 38    | 37    | 36    |
| 112   | 111   | 110   | 108   | 110   | 112   | 115   | 118   | 121   | 124   | 126   | 126   | 127   | 127   | 128   | 128   | 129   | 129   | 127   | 125   | 124   |
| 203   | 199   | 199   | 200   | 199   | 208   | 207   | 200   | 200   | 202   | 206   | 205   | 204   | 202   | 191   | 167   | 167   | 167   | 187   | 193   | 193   |
| 39    | 38    | 37    | 39    | 40    | 42    | 43    | 45    | 47    | 49    | 45    | 41    | 38    | 34    | 30    | 26    | 22    | 25    | 28    | 30    | 33    |
| 25    | 26    | 26    | 26    | 27    | 28    | 29    | 29    | 30    | 31    | 32    | 32    | 33    | 33    | 33    | 34    | 34    | 34    | 34    | 34    | 34    |
| 154   | 157   | 160   | 161   | 162   | 164   | 166   | 168   | 169   | 170   | 166   | 161   | 156   | 151   | 147   | 143   | 139   | 143   | 147   | 151   | 155   |
| 11    | 11    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 11    | 11    |
| 53    | 77    | 81    | 92    | 94    | 99    | 103   | 102   | 93    | 93    | 88    | 87    | 55    | 69    | 61    | 61    | 61    | 61    | 61    | 61    | 72    |
| 13    | 13    | 13    | 14    | 14    | 14    | 15    | 15    | 15    | 15    | 14    | 14    | 13    | 13    | 12    | 12    | 12    | 13    | 14    | 15    | 15    |
| 2674  | 2685  | 2690  | 2769  | 2886  | 2881  | 2903  | 2914  | 2920  | 2943  | 2960  | 2949  | 2903  | 2898  | 2886  | 2791  | 2306  | 1978  | 1992  | 2080  | 2296  |
| 7     | 9     | 10    | 9     | 10    | 11    | 11    | 11    | 11    | 11    | 9     | 9     | 6     | 7     | 6     | 8     | 3     | 1     | 0     | 2     | 2     |
| 445   | 517   | 517   | 518   | 533   | 533   | 533   | 532   | 531   | 524   | 490   | 489   | 485   | 484   | 462   | 382   | 354   | 347   | 365   | 368   | 373   |
| 56    | 57    | 58    | 59    | 60    | 61    | 62    | 63    | 65    | 66    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 0     | 70    | 70    | 70    |
| 503   | 546   | 562   | 561   | 564   | 560   | 552   | 553   | 551   | 553   | 554   | 550   | 552   | 552   | 477   | 473   | 473   | 477   | 474   | 482   | 496   |
| 138   | 142   | 146   | 150   | 154   | 158   | 162   | 166   | 169   | 173   | 176   | 173   | 171   | 169   | 166   | 163   | 161   | 226   | 156   | 158   | 160   |
| 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 10    |
| 236   | 262   | 265   | 302   | 291   | 299   | 299   | 297   | 297   | 295   | 294   | 281   | 279   | 277   | 227   | 225   | 222   | 216   | 260   | 265   | 293   |
| 167   | 168   | 179   | 190   | 189   | 195   | 194   | 193   | 189   | 192   | 200   | 199   | 198   | 197   | 0     | 0     | 133   | 139   | 143   | 152   | 163   |
| 13    | 13    | 13    | 13    | 13    | 13    | 13    | 14    | 14    | 14    | 14    | 14    | 13    | 12    | 11    | 11    | 10    | 10    | 10    | 10    | 9     |
| 36    | 39    | 39    | 39    | 40    | 40    | 41    | 41    | 41    | 40    | 38    | 36    | 34    | 32    | 30    | 28    | 28    | 28    | 28    | 28    | 28    |
| 19    | 20    | 21    | 22    | 22    | 23    | 23    | 23    | 24    | 24    | 24    | 23    | 21    | 19    | 17    | 15    | 13    | 12    | 13    | 14    | 14    |
| 5346  | 5536  | 5599  | 5752  | 5883  | 5917  | 5943  | 5970  | 5959  | 5988  | 5968  | 5916  | 5811  | 5794  | 5353  | 5114  | 4713  | 4394  | 4497  | 4627  | 4924  |
| 6480  | 6490  | 6300  | 5990  | 5860  | 5880  | 5900  | 5970  | 6000  | 6040  | 6130  | 6180  | 6210  | 6480  | 7070  | 6840  | 6340  | 6520  | 6520  | 6420  | 6270  |
| 11826 | 12026 | 11899 | 11742 | 11743 | 11797 | 11843 | 11940 | 11959 | 12028 | 12098 | 12096 | 12021 | 12274 | 12423 | 11954 | 11053 | 10914 | 11017 | 11047 | 11194 |
|       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 11169 |

E VALLEY CANALS

1965, INCLUDING STORAGE

CHART NO. 5

| 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    | TOTAL  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 26    | 26    | 25    | 24    | 23    | 23    | 22    | 22    | 21    | 21    | 22    | 22    | 22    | 23    | 23    | 720    |
| 32    | 35    | 34    | 34    | 34    | 33    | 33    | 33    | 33    | 33    | 26    | 26    | 26    | 29    | 28    | 924    |
| 54    | 51    | 54    | 53    | 52    | 52    | 41    | 40    | 40    | 41    | 42    | 42    | 43    | 45    | 45    | 1428   |
| 15    | 15    | 14    | 14    | 13    | 13    | 12    | 12    | 12    | 12    | 13    | 13    | 14    | 14    | 15    | 406    |
| 96    | 99    | 96    | 94    | 96    | 94    | 60    | 45    | 55    | 51    | 51    | 51    | 52    | 52    | 52    | 2474   |
| 42    | 42    | 42    | 42    | 42    | 42    | 42    | 42    | 42    | 42    | 41    | 40    | 39    | 38    | 38    | 1321   |
| 84    | 84    | 81    | 78    | 75    | 72    | 69    | 66    | 63    | 66    | 69    | 71    | 73    | 76    | 79    | 2364   |
| 10    | 10    | 10    | 11    | 11    | 11    | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 337    |
| 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 50    | 55    | 55    | 55    | 56    | 57    | 58    | 1456   |
| 43    | 38    | 40    | 41    | 41    | 42    | 42    | 39    | 32    | 36    | 38    | 37    | 36    | 35    | 30    | 1111   |
| 121   | 124   | 126   | 126   | 127   | 127   | 128   | 128   | 129   | 129   | 127   | 125   | 124   | 122   | 120   | 3711   |
| 200   | 202   | 206   | 205   | 204   | 202   | 191   | 167   | 167   | 167   | 187   | 193   | 193   | 192   | 196   | 6014   |
| 47    | 49    | 45    | 41    | 38    | 34    | 30    | 26    | 22    | 25    | 28    | 30    | 33    | 36    | 38    | 1193   |
| 30    | 31    | 32    | 32    | 33    | 33    | 33    | 34    | 34    | 34    | 34    | 34    | 34    | 33    | 33    | 904    |
| 169   | 170   | 166   | 161   | 156   | 151   | 147   | 143   | 139   | 143   | 147   | 151   | 155   | 159   | 163   | 4706   |
| 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 11    | 11    | 11    | 13    | 327    |
| 93    | 93    | 88    | 87    | 55    | 69    | 61    | 61    | 61    | 61    | 61    | 61    | 72    | 74    | 72    | 2185   |
| 15    | 15    | 14    | 14    | 13    | 13    | 12    | 12    | 12    | 13    | 14    | 15    | 15    | 16    | 17    | 436    |
| 2920  | 2943  | 2960  | 2949  | 2903  | 2898  | 2886  | 2791  | 2306  | 1978  | 1992  | 2080  | 2296  | 2306  | 2404  | 79288  |
| 11    | 11    | 9     | 9     | 6     | 7     | 6     | 8     | 3     | 1     | 0     | 2     | 2     | 2     | 2     | 203    |
| 531   | 524   | 490   | 489   | 485   | 484   | 462   | 382   | 354   | 347   | 365   | 368   | 373   | 377   | 386   | 13913  |
| 65    | 66    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 0     | 70    | 70    | 70    | 70    | 70    | 1851   |
| 551   | 553   | 554   | 550   | 552   | 552   | 477   | 473   | 473   | 477   | 474   | 482   | 496   | 499   | 500   | 15555  |
| 169   | 173   | 176   | 173   | 171   | 169   | 166   | 163   | 161   | 226   | 156   | 158   | 160   | 162   | 164   | 4719   |
| 10    | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 10    | 10    | 10    | 288    |
| 297   | 295   | 294   | 281   | 279   | 277   | 227   | 225   | 222   | 216   | 260   | 265   | 293   | 295   | 297   | 7937   |
| 189   | 192   | 200   | 199   | 198   | 197   | 0     | 0     | 133   | 139   | 143   | 152   | 163   | 172   | 174   | 4700   |
| 14    | 14    | 14    | 14    | 13    | 12    | 11    | 11    | 10    | 10    | 10    | 10    | 9     | 9     | 8     | 385    |
| 41    | 40    | 38    | 36    | 34    | 32    | 30    | 28    | 28    | 28    | 28    | 28    | 28    | 28    | 28    | 958    |
| 24    | 24    | 24    | 23    | 21    | 19    | 17    | 15    | 13    | 12    | 13    | 14    | 14    | 15    | 15    | 545    |
| 5959  | 5988  | 5968  | 5916  | 5811  | 5794  | 5353  | 5114  | 4713  | 4394  | 4497  | 4627  | 4924  | 4969  | 5090  | 162359 |
| 6000  | 6040  | 6130  | 6180  | 6210  | 6480  | 7070  | 6840  | 6340  | 6520  | 6520  | 6420  | 6270  | 6200  | 6180  | 199030 |
| 11959 | 12028 | 12098 | 12096 | 12021 | 12274 | 12423 | 11954 | 11053 | 10914 | 11017 | 11047 | 11194 | 11169 | 11270 | 355389 |

DISCHARGE IN SECOND FEET OF  
BY DAYS DURING THE IRRIGATION SEASON

JUNE

| NAME OF CANAL          | 1     | 2     | 3     | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   |
|------------------------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| BALLANTINE             | 23    | 23    | 23    | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   |
| BOISE CITY             | 28    | 28    | 31    | 33   | 32   | 32   | 31   | 32   | 32   | 31   | 30   | 29   | 29   | 32   | 29   |
| BOISE VALLEY           | 53    | 52    | 52    | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 51   | 51   | 51   | 50   | 49   |
| BUBB                   | 15    | 16    | 16    | 17   | 17   | 18   | 19   | 18   | 17   | 16   | 15   | 15   | 14   | 13   | 13   |
| CALDWELL HIGH LINE     | 67    | 99    | 98    | 91   | 64   | 64   | 63   | 64   | 58   | 87   | 94   | 91   | 73   | 70   | 68   |
| CAMPBELL               | 37    | 36    | 35    | 34   | 32   | 30   | 28   | 27   | 26   | 28   | 30   | 32   | 34   | 36   | 38   |
| CANYON COUNTY          | 82    | 82    | 82    | 82   | 83   | 83   | 83   | 83   | 83   | 83   | 83   | 82   | 82   | 82   | 82   |
| DAVIS DITCH            | 12    | 12    | 12    | 12   | 13   | 13   | 13   | 13   | 13   | 13   | 12   | 12   | 12   | 12   | 12   |
| EAGLE ISLAND CANALS    | 58    | 58    | 58    | 59   | 59   | 60   | 60   | 60   | 60   | 62   | 63   | 63   | 63   | 63   | 63   |
| EUREKA #1              | 32    | 30    | 38    | 38   | 33   | 36   | 35   | 37   | 36   | 36   | 36   | 36   | 36   | 33   | 34   |
| EUREKA #2              | 118   | 116   | 116   | 116  | 115  | 115  | 114  | 114  | 114  | 113  | 112  | 110  | 109  | 108  | 107  |
| FARMERS UNION          | 189   | 191   | 191   | 192  | 194  | 199  | 201  | 200  | 199  | 199  | 199  | 199  | 198  | 187  | 187  |
| LITTLE PIONEER         | 40    | 43    | 45    | 44   | 43   | 43   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   |
| LOWER CENTER POINT     | 33    | 33    | 32    | 31   | 30   | 30   | 29   | 28   | 27   | 27   | 27   | 28   | 28   | 28   | 29   |
| MIDDLETON CANALS       | 167   | 166   | 165   | 165  | 164  | 164  | 163  | 163  | 165  | 167  | 170  | 172  | 174  | 176  | 178  |
| MISCELLANEOUS          | 11    | 11    | 11    | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   |
| NEW DRY CREEK          | 81    | 88    | 87    | 85   | 73   | 67   | 67   | 68   | 70   | 60   | 55   | 70   | 75   | 73   | 72   |
| NEW UNION              | 18    | 17    | 16    | 16   | 15   | 14   | 13   | 13   | 13   | 13   | 14   | 14   | 14   | 14   | 14   |
| NEW YORK CANAL         | 2612  | 2794  | 2802  | 2870 | 2875 | 2926 | 2931 | 2931 | 2931 | 2926 | 2937 | 2943 | 2949 | 2966 | 2843 |
| PENITENTIARY           | 6     | 7     | 6     | 5    | 6    | 5    | 6    | 7    | 7    | 7    | 7    | 9    | 8    | 8    | 9    |
| PHYLLIS                | 388   | 388   | 399   | 399  | 423  | 420  | 419  | 446  | 438  | 438  | 438  | 456  | 436  | 419  | 416  |
| PIONEER DIXIE          | 70    | 70    | 71    | 72   | 72   | 73   | 73   | 74   | 75   | 74   | 74   | 73   | 73   | 72   | 71   |
| RIDENBAUGH             | 504   | 509   | 523   | 525  | 531  | 536  | 528  | 544  | 546  | 557  | 558  | 560  | 560  | 558  | 555  |
| RIVERSIDE #2           | 166   | 167   | 165   | 163  | 162  | 161  | 160  | 158  | 156  | 158  | 159  | 161  | 163  | 166  | 168  |
| ROSSI MILL             | 10    | 10    | 10    | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 9    | 9    | 9    | 9    | 9    |
| SEBREE (FARMERS CO-OP) | 319   | 314   | 332   | 333  | 335  | 335  | 344  | 346  | 339  | 329  | 325  | 322  | 301  | 297  | 269  |
| SETTLERS               | 174   | 188   | 188   | 189  | 188  | 189  | 190  | 188  | 186  | 183  | 181  | 179  | 176  | 163  | 163  |
| SIEDENBERG             | 8     | 8     | 8     | 8    | 8    | 8    | 8    | 8    | 8    | 9    | 10   | 11   | 11   | 12   | 13   |
| THURMAN MILL           | 28    | 30    | 33    | 36   | 39   | 42   | 45   | 45   | 44   | 43   | 42   | 42   | 41   | 41   | 38   |
| UPPER CENTER POINT     | 16    | 17    | 19    | 20   | 22   | 24   | 26   | 28   | 30   | 26   | 22   | 18   | 14   | 10   | 6    |
| TOTAL CANAL DIVERSIONS | 5365  | 5603  | 5664  | 5730 | 5723 | 5782 | 5786 | 5832 | 5810 | 5822 | 5828 | 5862 | 5808 | 5773 | 5610 |
| RIVER AT NOTUS         | 6100  | 5930  | 4400  | 4050 | 3980 | 2800 | 2670 | 2610 | 2470 | 2490 | 2470 | 2470 | 2620 | 2880 | 3260 |
| TOTALS                 | 11465 | 11533 | 10064 | 9780 | 9703 | 8582 | 8456 | 8442 | 8280 | 8312 | 8298 | 8332 | 8428 | 8653 | 8870 |

BY DAYS DURING THE IRRIGATION SEASON OF 1965, INCLUDING STORAGE

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   |
| 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 21   | 21   | 20   | 19   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 18   | 18   |
| 32   | 31   | 30   | 29   | 29   | 32   | 29   | 26   | 29   | 28   | 29   | 30   | 32   | 31   | 30   | 32   | 36   | 35   | 34   | 33   | 34   |
| 52   | 52   | 51   | 51   | 51   | 50   | 49   | 49   | 47   | 47   | 47   | 46   | 44   | 44   | 44   | 43   | 43   | 43   | 42   | 41   | 42   |
| 17   | 16   | 15   | 15   | 14   | 13   | 13   | 13   | 13   | 14   | 14   | 14   | 14   | 14   | 13   | 13   | 12   | 12   | 11   | 11   | 11   |
| 58   | 87   | 94   | 91   | 73   | 70   | 68   | 85   | 74   | 76   | 78   | 78   | 64   | 78   | 72   | 69   | 68   | 63   | 57   | 54   | 58   |
| 26   | 28   | 30   | 32   | 34   | 36   | 38   | 40   | 40   | 40   | 40   | 41   | 41   | 41   | 41   | 40   | 39   | 37   | 35   | 34   | 33   |
| 83   | 83   | 83   | 82   | 82   | 82   | 82   | 81   | 80   | 78   | 77   | 75   | 74   | 73   | 73   | 74   | 74   | 75   | 75   | 76   | 76   |
| 13   | 13   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 11   | 11   | 11   | 11   | 11   |
| 60   | 62   | 63   | 63   | 63   | 63   | 63   | 61   | 61   | 61   | 61   | 61   | 61   | 61   | 60   | 60   | 60   | 61   | 61   | 61   | 60   |
| 36   | 36   | 36   | 36   | 36   | 33   | 34   | 32   | 30   | 31   | 27   | 27   | 27   | 34   | 36   | 36   | 35   | 34   | 34   | 33   | 37   |
| 114  | 113  | 112  | 110  | 109  | 108  | 107  | 106  | 107  | 107  | 108  | 108  | 109  | 110  | 111  | 111  | 111  | 111  | 110  | 110  | 110  |
| 199  | 199  | 199  | 199  | 198  | 187  | 187  | 164  | 164  | 163  | 163  | 163  | 180  | 190  | 199  | 200  | 190  | 190  | 190  | 192  | 192  |
| 42   | 42   | 42   | 42   | 42   | 42   | 42   | 44   | 46   | 49   | 52   | 55   | 58   | 60   | 56   | 52   | 48   | 44   | 40   | 36   | 32   |
| 27   | 27   | 27   | 28   | 28   | 28   | 29   | 29   | 27   | 25   | 23   | 22   | 20   | 18   | 16   | 17   | 18   | 20   | 22   | 24   | 25   |
| 165  | 167  | 170  | 172  | 174  | 176  | 178  | 173  | 168  | 163  | 159  | 154  | 149  | 144  | 144  | 143  | 143  | 142  | 142  | 141  | 141  |
| 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| 70   | 60   | 55   | 70   | 75   | 73   | 72   | 51   | 47   | 48   | 49   | 50   | 63   | 74   | 76   | 93   | 96   | 88   | 85   | 87   | 78   |
| 13   | 13   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 14   | 14   | 14   | 14   | 14   |
| 2931 | 2926 | 2937 | 2943 | 2949 | 2966 | 2843 | 2633 | 2346 | 1944 | 1685 | 1558 | 1558 | 1852 | 2337 | 2820 | 2877 | 2909 | 2903 | 2881 | 2870 |
| 7    | 7    | 7    | 9    | 8    | 8    | 9    | 3    | 6    | 6    | 8    | 9    | 10   | 10   | 10   | 10   | 11   | 11   | 11   | 7    | 9    |
| 438  | 438  | 438  | 456  | 436  | 419  | 416  | 373  | 365  | 366  | 329  | 322  | 319  | 370  | 389  | 389  | 429  | 472  | 474  | 477  | 484  |
| 75   | 74   | 74   | 73   | 73   | 72   | 71   | 70   | 68   | 66   | 64   | 63   | 62   | 60   | 58   | 58   | 58   | 57   | 57   | 56   | 56   |
| 546  | 557  | 558  | 560  | 560  | 558  | 555  | 553  | 511  | 527  | 528  | 528  | 528  | 547  | 561  | 565  | 567  | 561  | 562  | 561  | 564  |
| 156  | 158  | 159  | 161  | 163  | 166  | 168  | 170  | 167  | 163  | 159  | 154  | 149  | 146  | 143  | 143  | 143  | 144  | 143  | 144  | 144  |
| 10   | 10   | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 10   |
| 339  | 329  | 325  | 322  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

ISE VALLEY CANALS

IF 1965, INCLUDING STORAGE

CHART NO. 5

| 16 | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24    | 25    | 26    | 27    | 28    | 29   | 30   | 31 | TOTAL  |
|----|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|------|------|----|--------|
| 22 | 21   | 21   | 20   | 19   | 18   | 18   | 18   | 18    | 18    | 18    | 18    | 18    | 18   | 18   |    | 616    |
| 26 | 29   | 28   | 29   | 30   | 32   | 31   | 30   | 32    | 36    | 35    | 34    | 33    | 34   | 34   |    | 932    |
| 49 | 47   | 47   | 47   | 46   | 44   | 44   | 44   | 43    | 43    | 43    | 42    | 41    | 42   | 43   |    | 1438   |
| 13 | 13   | 14   | 14   | 14   | 14   | 14   | 13   | 13    | 12    | 12    | 11    | 11    | 11   | 11   |    | 429    |
| 85 | 74   | 76   | 78   | 78   | 64   | 78   | 72   | 69    | 68    | 63    | 57    | 54    | 58   | 48   |    | 2173   |
| 40 | 40   | 40   | 40   | 41   | 41   | 41   | 41   | 40    | 39    | 37    | 35    | 34    | 33   | 32   |    | 1057   |
| 81 | 80   | 78   | 77   | 75   | 74   | 73   | 73   | 74    | 74    | 75    | 75    | 76    | 76   | 76   |    | 2374   |
| 12 | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12    | 11    | 11    | 11    | 11    | 11   | 11   |    | 360    |
| 61 | 61   | 61   | 61   | 61   | 61   | 60   | 60   | 60    | 60    | 61    | 61    | 61    | 60   | 60   |    | 1818   |
| 32 | 30   | 31   | 27   | 27   | 27   | 34   | 36   | 36    | 35    | 34    | 34    | 33    | 37   | 38   |    | 1017   |
| 06 | 107  | 107  | 108  | 108  | 109  | 110  | 111  | 111   | 111   | 111   | 110   | 110   | 110  | 110  |    | 3336   |
| 64 | 164  | 163  | 163  | 163  | 180  | 190  | 199  | 200   | 190   | 190   | 190   | 192   | 192  | 191  |    | 5656   |
| 44 | 46   | 49   | 52   | 55   | 58   | 60   | 56   | 52    | 48    | 44    | 40    | 36    | 32   | 32   |    | 1340   |
| 29 | 27   | 25   | 23   | 22   | 20   | 18   | 16   | 17    | 18    | 20    | 22    | 24    | 25   | 26   |    | 772    |
| 73 | 168  | 163  | 159  | 154  | 149  | 144  | 144  | 143   | 143   | 142   | 142   | 141   | 141  | 148  |    | 4773   |
| 11 | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10    | 10    | 10    | 10    | 10    | 10   | 10   |    | 316    |
| 51 | 47   | 48   | 49   | 50   | 63   | 74   | 76   | 93    | 96    | 88    | 85    | 87    | 78   | 76   |    | 2152   |
| 14 | 14   | 15   | 15   | 15   | 15   | 15   | 15   | 15    | 14    | 14    | 14    | 14    | 14   | 14   |    | 435    |
| 33 | 2346 | 1944 | 1685 | 1558 | 1558 | 1852 | 2337 | 2820  | 2877  | 2909  | 2903  | 2881  | 2870 | 2909 |    | 79318  |
| 3  | 6    | 6    | 8    | 9    | 10   | 10   | 10   | 10    | 11    | 11    | 11    | 7     | 9    | 6    |    | 230    |
| 73 | 365  | 366  | 329  | 322  | 319  | 370  | 389  | 389   | 429   | 472   | 474   | 477   | 484  | 472  |    | 12353  |
| 70 | 68   | 66   | 64   | 63   | 62   | 60   | 58   | 58    | 58    | 57    | 57    | 56    | 56   | 56   |    | 1996   |
| 53 | 511  | 527  | 528  | 528  | 528  | 547  | 561  | 565   | 567   | 561   | 562   | 561   | 564  | 565  |    | 16322  |
| 70 | 167  | 163  | 159  | 154  | 149  | 146  | 143  | 143   | 143   | 144   | 143   | 144   | 144  | 144  |    | 4689   |
| 9  | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9     | 9     | 9     | 9     | 9     | 9    | 10   |    | 281    |
| 85 | 196  | 241  | 241  | 265  | 265  | 289  | 289  | 311   | 329   | 293   | 248   | 274   | 309  | 320  |    | 8895   |
| 64 | 165  | 166  | 160  | 146  | 161  | 166  | 174  | 179   | 179   | 181   | 180   | 179   | 179  | 179  |    | 5283   |
| 14 | 14   | 14   | 15   | 15   | 16   | 16   | 16   | 15    | 14    | 13    | 13    | 12    | 11   | 10   |    | 346    |
| 35 | 32   | 29   | 26   | 23   | 20   | 22   | 23   | 24    | 25    | 26    | 28    | 30    | 29   | 28   |    | 989    |
| 2  | 5    | 8    | 10   | 13   | 16   | 19   | 21   | 21    | 21    | 21    | 21    | 21    | 21   | 21   |    | 539    |
| 24 | 4874 | 4527 | 4218 | 4085 | 4104 | 4532 | 5056 | 5582  | 5688  | 5705  | 5640  | 5637  | 5667 | 5698 |    | 162235 |
| 30 | 5060 | 5290 | 5540 | 5540 | 5400 | 4920 | 4220 | 4490  | 5020  | 5360  | 4950  | 4820  | 3940 | 3680 |    | 123960 |
| 4  | 9934 | 9817 | 9758 | 9625 | 9504 | 9452 | 9276 | 10072 | 10708 | 11065 | 10590 | 10457 | 9607 | 9378 |    | 286195 |

DISCHARGE IN SECOND FEET OF  
BY DAYS DURING THE IRRIGATION SEASON

JULY

| NAME OF CANAL          | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| BALLANTINE             | 16   | 16   | 15   | 15   | 15   | 14   | 14   | 14   | 14   | 15   | 15   | 15   | 16   | 16   | 17   |
| BOISE CITY             | 34   | 34   | 34   | 34   | 34   | 32   | 34   | 34   | 34   | 33   | 33   | 33   | 30   | 30   | 29   |
| BOISE VALLEY           | 43   | 44   | 45   | 45   | 45   | 46   | 45   | 45   | 45   | 45   | 44   | 45   | 45   | 45   | 45   |
| BUBB                   | 12   | 12   | 12   | 13   | 13   | 13   | 13   | 14   | 14   | 15   | 16   | 16   | 16   | 16   | 16   |
| CALDWELL HIGH LINE     | 52   | 53   | 63   | 61   | 55   | 49   | 56   | 46   | 49   | 45   | 42   | 42   | 36   | 32   | 37   |
| CAMPBELL               | 32   | 32   | 32   | 32   | 31   | 31   | 31   | 31   | 30   | 29   | 28   | 27   | 27   | 26   | 25   |
| CANYON COUNTY          | 77   | 77   | 78   | 78   | 79   | 80   | 80   | 78   | 76   | 73   | 70   | 67   | 64   | 62   | 62   |
| DAVIS DITCH            | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   |
| EAGLE ISLAND CANALS    | 60   | 60   | 60   | 61   | 59   | 59   | 59   | 58   | 57   | 57   | 55   | 55   | 55   | 54   | 54   |
| EUREKA #1              | 35   | 33   | 27   | 30   | 28   | 30   | 27   | 28   | 30   | 32   | 33   | 34   | 33   | 33   | 32   |
| EUREKA #2              | 111  | 112  | 113  | 114  | 115  | 116  | 117  | 118  | 117  | 116  | 116  | 115  | 115  | 114  | 113  |
| FARMERS UNION          | 192  | 192  | 199  | 200  | 200  | 200  | 201  | 206  | 206  | 205  | 206  | 198  | 204  | 203  | 203  |
| LITTLE PIONEER         | 33   | 33   | 34   | 34   | 35   | 36   | 36   | 39   | 42   | 45   | 49   | 52   | 55   | 58   | 56   |
| LOWER CENTER POINT     | 25   | 25   | 24   | 24   | 23   | 23   | 22   | 22   | 24   | 26   | 28   | 30   | 30   | 31   | 32   |
| MIDDLETON CANALS       | 155  | 162  | 169  | 175  | 181  | 188  | 195  | 193  | 191  | 189  | 186  | 183  | 180  | 178  | 160  |
| MISCELLANEOUS          | 10   | 10   | 10   | 10   | 10   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   |
| NEW DRY CREEK          | 76   | 75   | 75   | 74   | 66   | 85   | 75   | 75   | 75   | 75   | 75   | 74   | 75   | 73   | 80   |
| NEW UNION              | 14   | 14   | 15   | 15   | 15   | 15   | 16   | 16   | 17   | 17   | 18   | 18   | 18   | 18   | 17   |
| NEW YORK CANAL         | 2909 | 2977 | 2977 | 2977 | 2966 | 2971 | 2989 | 2989 | 2966 | 2954 | 2954 | 2966 | 2954 | 2966 | 2874 |
| PENITENTIARY           | 6    | 2    | 2    | 2    | 2    | 10   | 9    | 8    | 9    | 10   | 8    | 8    | 9    | 9    | 10   |
| PHYLLIS                | 473  | 473  | 447  | 442  | 442  | 466  | 475  | 468  | 464  | 464  | 463  | 460  | 457  | 457  | 458  |
| PIONEER DIXIE          | 57   | 58   | 59   | 60   | 60   | 61   | 62   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 64   |
| RIDENBAUGH             | 564  | 563  | 562  | 562  | 569  | 565  | 570  | 568  | 568  | 564  | 564  | 557  | 560  | 558  | 556  |
| RIVERSIDE #2           | 144  | 143  | 143  | 142  | 143  | 142  | 142  | 141  | 141  | 140  | 140  | 139  | 138  | 137  | 135  |
| ROSSI MILL             | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 11   | 11   | 11   |
| SEBREE (FARMERS CO-OP) | 307  | 329  | 341  | 346  | 368  | 370  | 380  | 384  | 365  | 337  | 343  | 332  | 346  | 350  | 344  |
| SETTLERS               | 181  | 181  | 181  | 181  | 181  | 186  | 196  | 206  | 213  | 221  | 228  | 190  | 56   | 208  | 202  |
| SIEBENBERG             | 11   | 11   | 12   | 12   | 13   | 13   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 12   | 12   |
| THURMAN MILL           | 28   | 27   | 27   | 26   | 25   | 24   | 26   | 28   | 30   | 32   | 34   | 36   | 36   | 35   | 35   |
| UPPER CENTER POINT     | 22   | 23   | 23   | 24   | 24   | 25   | 25   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   |
| TOTAL CANAL DIVERSIONS | 5700 | 5792 | 5800 | 5810 | 5818 | 5882 | 5941 | 5944 | 5912 | 5874 | 5882 | 5826 | 5690 | 5843 | 5727 |
| RIVER AT NOTUS         | 3600 | 3590 | 3560 | 3570 | 2780 | 2470 | 2960 | 3030 | 3040 | 2490 | 2470 | 2480 | 1260 | 990  | 798  |
| TOTALS                 | 9300 | 9382 | 9360 | 9380 | 8598 | 8352 | 8901 | 8974 | 8952 | 8364 | 8352 | 8306 | 6950 | 6833 | 6507 |

## DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

YS DURING THE IRRIGATION SEASON OF 1965, INCLUDING STORAGE

## JULY

| 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 15   | 15   | 16   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 22   | 22   | 21   | 21   | 20   | 20   | 20   | 20   | 20   | 20   | 19   |
| 33   | 33   | 30   | 30   | 29   | 30   | 29   | 29   | 31   | 29   | 28   | 28   | 28   | 28   | 28   | 32   | 27   | 26   | 26   | 25   | 24   |
| 44   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 46   | 45   | 46   | 46   | 45   | 46   | 46   | 44   | 45   | 45   | 45   | 46   | 46   |
| 16   | 16   | 16   | 16   | 16   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 16   | 16   | 16   | 16   | 15   | 14   | 13   | 13   | 12   |
| 42   | 42   | 36   | 32   | 37   | 39   | 39   | 54   | 32   | 33   | 29   | 42   | 35   | 39   | 39   | 52   | 50   | 49   | 50   | 52   | 51   |
| 28   | 27   | 27   | 26   | 25   | 25   | 24   | 23   | 22   | 21   | 20   | 21   | 23   | 25   | 27   | 29   | 30   | 31   | 31   | 31   | 31   |
| 70   | 67   | 64   | 62   | 62   | 61   | 61   | 60   | 59   | 59   | 60   | 62   | 63   | 65   | 66   | 67   | 68   | 67   | 67   | 66   | 65   |
| 11   | 11   | 11   | 11   | 11   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 13   | 13   | 14   | 14   | 15   |
| 55   | 55   | 55   | 54   | 54   | 54   | 53   | 53   | 53   | 52   | 52   | 51   | 51   | 51   | 50   | 50   | 49   | 49   | 48   | 48   | 47   |
| 33   | 34   | 33   | 33   | 32   | 31   | 31   | 30   | 30   | 31   | 31   | 30   | 25   | 27   | 28   | 33   | 34   | 34   | 30   | 30   | 30   |
| 116  | 115  | 115  | 114  | 113  | 113  | 112  | 111  | 111  | 110  | 109  | 109  | 110  | 110  | 110  | 111  | 111  | 111  | 111  | 111  | 112  |
| 206  | 198  | 204  | 203  | 203  | 202  | 202  | 195  | 196  | 196  | 194  | 188  | 181  | 178  | 179  | 177  | 180  | 181  | 183  | 192  | 193  |
| 49   | 52   | 55   | 58   | 56   | 54   | 52   | 50   | 48   | 46   | 42   | 40   | 38   | 35   | 32   | 29   | 27   | 29   | 31   | 33   | 35   |
| 28   | 30   | 30   | 31   | 32   | 33   | 35   | 37   | 39   | 41   | 43   | 42   | 41   | 40   | 39   | 37   | 35   | 34   | 33   | 33   | 32   |
| 186  | 183  | 180  | 178  | 160  | 157  | 154  | 157  | 154  | 145  | 149  | 149  | 154  | 148  | 163  | 163  | 135  | 160  | 153  | 151  | 154  |
| 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| 75   | 74   | 75   | 73   | 80   | 84   | 80   | 64   | 63   | 58   | 55   | 64   | 68   | 69   | 60   | 58   | 54   | 52   | 50   | 57   | 55   |
| 18   | 18   | 18   | 18   | 17   | 17   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 15   | 15   |
| 2954 | 2966 | 2954 | 2966 | 2874 | 2870 | 2751 | 2763 | 2758 | 2763 | 2758 | 2758 | 2679 | 2674 | 2568 | 2573 | 2579 | 2573 | 2573 | 2601 | 2595 |
| 8    | 8    | 9    | 9    | 10   | 10   | 11   | 10   | 10   | 11   | 11   | 11   | 11   | 11   | 8    | 7    | 9    | 11   | 10   | 4    | 7    |
| 463  | 460  | 457  | 457  | 458  | 459  | 457  | 458  | 456  | 456  | 455  | 416  | 421  | 421  | 422  | 407  | 408  | 404  | 407  | 403  | 402  |
| 63   | 63   | 63   | 63   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 63   | 63   | 63   | 62   | 62   | 62   | 62   | 62   |
| 564  | 557  | 560  | 558  | 556  | 561  | 566  | 563  | 557  | 560  | 556  | 556  | 557  | 556  | 551  | 550  | 511  | 555  | 544  | 559  | 560  |
| 140  | 139  | 138  | 137  | 135  | 134  | 134  | 133  | 133  | 132  | 132  | 133  | 135  | 138  | 140  | 141  | 144  | 145  | 142  | 139  | 136  |
| 10   | 10   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 10   | 10   | 10   | 9    | 9    | 9    | 8    | 8    | 8    |
| 343  | 332  | 346  | 350  | 344  | 350  | 347  | 346  | 344  | 350  | 342  | 341  | 343  | 335  | 335  | 337  | 337  | 344  | 344  | 344  | 344  |
| 228  | 190  | 56   | 208  | 202  | 198  | 197  | 193  | 187  | 187  | 187  | 187  | 188  | 188  | 188  | 189  | 188  | 187  | 187  | 186  | 186  |
| 13   | 13   | 13   | 12   | 12   | 12   | 12   | 11   | 11   | 11   | 11   | 12   | 12   | 13   | 13   | 14   | 15   | 16   | 17   | 18   | 19   |
| 34   | 36   | 36   | 35   | 35   | 35   | 34   | 34   | 34   | 33   | 32   | 31   | 31   | 30   | 30   | 29   | 31   | 33   | 35   | 35   | 34   |
| 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 24   | 22   | 20   | 18   | 15   | 13   | 11   | 11   | 11   | 11   |
| 5882 | 5826 | 5690 | 5843 | 5727 | 5731 | 5600 | 5594 | 5550 | 5546 | 5519 | 5492 | 5410 | 5395 | 5287 | 5290 | 5225 | 5291 | 5271 | 5317 | 5310 |
| 2470 | 2480 | 1260 | 990  | 798  | 776  | 805  | 841  | 907  | 900  | 944  | 769  | 748  | 762  | 805  | 877  | 826  | 700  | 602  | 576  | 596  |
| 8352 | 8306 | 6950 | 6833 | 6525 | 6507 | 6405 | 6435 | 6457 | 6446 | 6463 | 6261 | 6158 | 6157 | 6092 | 6167 | 6051 | 5991 | 5873 | 5893 | 5906 |

## VALLEY CANALS

965, INCLUDING STORAGE

CHART NO. 5

| 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | TOTAL  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 19   | 20   | 21   | 22   | 22   | 22   | 21   | 21   | 20   | 20   | 20   | 20   | 20   | 20   | 19   | 552    |
| 29   | 29   | 31   | 29   | 28   | 28   | 28   | 28   | 28   | 32   | 27   | 26   | 26   | 25   | 24   | 940    |
| 45   | 45   | 46   | 45   | 46   | 46   | 45   | 46   | 46   | 44   | 45   | 45   | 45   | 46   | 46   | 1398   |
| 15   | 15   | 15   | 15   | 15   | 15   | 16   | 16   | 16   | 16   | 15   | 14   | 13   | 13   | 12   | 447    |
| 39   | 54   | 32   | 33   | 29   | 42   | 35   | 39   | 39   | 52   | 50   | 49   | 50   | 52   | 51   | 1403   |
| 24   | 23   | 22   | 21   | 20   | 21   | 23   | 25   | 27   | 29   | 30   | 31   | 31   | 31   | 31   | 858    |
| 61   | 60   | 59   | 59   | 60   | 62   | 63   | 65   | 66   | 67   | 68   | 67   | 67   | 66   | 65   | 2117   |
| 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 13   | 13   | 14   | 14   | 15   | 366    |
| 53   | 53   | 53   | 52   | 52   | 51   | 51   | 51   | 50   | 50   | 49   | 49   | 48   | 48   | 47   | 1674   |
| 31   | 30   | 30   | 31   | 31   | 30   | 25   | 27   | 28   | 33   | 34   | 34   | 30   | 30   | 30   | 950    |
| 112  | 111  | 111  | 110  | 109  | 109  | 110  | 110  | 110  | 111  | 111  | 111  | 111  | 111  | 112  | 3494   |
| 202  | 195  | 196  | 196  | 194  | 188  | 181  | 178  | 179  | 177  | 180  | 181  | 183  | 192  | 193  | 6032   |
| 52   | 50   | 48   | 46   | 42   | 40   | 38   | 35   | 32   | 29   | 27   | 29   | 31   | 33   | 35   | 1258   |
| 35   | 37   | 39   | 41   | 43   | 42   | 41   | 40   | 39   | 37   | 35   | 34   | 33   | 33   | 32   | 983    |
| 154  | 157  | 154  | 145  | 149  | 149  | 154  | 148  | 163  | 163  | 135  | 160  | 153  | 151  | 154  | 5131   |
| 11   | 11   | 11   | 11   | 11   | 11   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 327    |
| 80   | 64   | 63   | 58   | 55   | 64   | 68   | 69   | 60   | 58   | 54   | 52   | 50   | 57   | 55   | 2119   |
| 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 15   | 15   | 498    |
| 2751 | 2763 | 2758 | 2763 | 2758 | 2758 | 2679 | 2674 | 2568 | 2573 | 2579 | 2573 | 2573 | 2601 | 2595 | 87225  |
| 11   | 10   | 10   | 11   | 11   | 11   | 11   | 11   | 8    | 7    | 9    | 11   | 10   | 4    | 7    | 256    |
| 457  | 458  | 456  | 456  | 455  | 416  | 421  | 421  | 422  | 407  | 408  | 404  | 407  | 403  | 402  | 13761  |
| 64   | 64   | 64   | 64   | 64   | 64   | 64   | 63   | 63   | 63   | 62   | 62   | 62   | 62   | 62   | 1933   |
| 566  | 563  | 557  | 560  | 556  | 556  | 557  | 556  | 551  | 550  | 511  | 555  | 544  | 559  | 560  | 17312  |
| 134  | 133  | 133  | 132  | 132  | 133  | 135  | 138  | 140  | 141  | 144  | 145  | 142  | 139  | 136  | 4301   |
| 11   | 11   | 11   | 11   | 11   | 11   | 10   | 10   | 10   | 9    | 9    | 9    | 8    | 8    | 8    | 311    |
| 347  | 346  | 344  | 350  | 342  | 341  | 343  | 335  | 335  | 337  | 337  | 344  | 344  | 344  | 344  | 10725  |
| 197  | 193  | 187  | 187  | 187  | 187  | 188  | 188  | 188  | 189  | 188  | 187  | 187  | 186  | 186  | 5834   |
| 12   | 11   | 11   | 11   | 11   | 12   | 12   | 13   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 408    |
| 34   | 34   | 34   | 33   | 32   | 31   | 31   | 30   | 30   | 29   | 31   | 33   | 35   | 35   | 34   | 970    |
| 26   | 26   | 26   | 26   | 26   | 24   | 22   | 20   | 18   | 15   | 13   | 11   | 11   | 11   | 11   | 686    |
| 5600 | 5594 | 5550 | 5546 | 5519 | 5492 | 5410 | 5395 | 5287 | 5290 | 5225 | 5291 | 5271 | 5317 | 5310 | 174269 |
| 805  | 841  | 907  | 900  | 944  | 769  | 748  | 762  | 805  | 877  | 826  | 700  | 602  | 576  | 596  | 51522  |
| 6405 | 6435 | 6457 | 6446 | 6463 | 6261 | 6158 | 6157 | 6092 | 6167 | 6051 | 5991 | 5873 | 5893 | 5906 | 225791 |

## VALLEY CANALS

965, INCLUDING STORAGE

CHART NO. 5

| 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | TOTAL  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 19   | 20   | 21   | 22   | 22   | 22   | 21   | 21   | 20   | 20   | 20   | 20   | 20   | 20   | 19   | 552    |
| 29   | 29   | 31   | 29   | 28   | 28   | 28   | 28   | 28   | 32   | 27   | 26   | 26   | 25   | 24   | 940    |
| 45   | 45   | 46   | 45   | 46   | 46   | 45   | 46   | 46   | 44   | 45   | 45   | 45   | 46   | 46   | 1398   |
| 15   | 15   | 15   | 15   | 15   | 15   | 16   | 16   | 16   | 16   | 15   | 14   | 13   | 13   | 12   | 447    |
| 39   | 54   | 32   | 33   | 29   | 42   | 35   | 39   | 39   | 52   | 50   | 49   | 50   | 52   | 51   | 1403   |
| 24   | 23   | 22   | 21   | 20   | 21   | 23   | 25   | 27   | 29   | 30   | 31   | 31   | 31   | 31   | 858    |
| 61   | 60   | 59   | 59   | 60   | 62   | 63   | 65   | 66   | 67   | 68   | 67   | 67   | 66   | 65   | 2117   |
| 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 13   | 13   | 14   | 14   | 15   | 366    |
| 53   | 53   | 53   | 52   | 52   | 51   | 51   | 51   | 50   | 50   | 49   | 49   | 48   | 48   | 47   | 1674   |
| 31   | 30   | 30   | 31   | 31   | 30   | 25   | 27   | 28   | 33   | 34   | 34   | 30   | 30   | 30   | 950    |
| 112  | 111  | 111  | 110  | 109  | 109  | 110  | 110  | 110  | 111  | 111  | 111  | 111  | 111  | 112  | 3494   |
| 202  | 195  | 196  | 196  | 194  | 188  | 181  | 178  | 179  | 177  | 180  | 181  | 183  | 192  | 193  | 6032   |
| 52   | 50   | 48   | 46   | 42   | 40   | 38   | 35   | 32   | 29   | 27   | 29   | 31   | 33   | 35   | 1258   |
| 35   | 37   | 39   | 41   | 43   | 42   | 41   | 40   | 39   | 37   | 35   | 34   | 33   | 33   | 32   | 983    |
| 154  | 157  | 154  | 145  | 149  | 149  | 154  | 148  | 163  | 163  | 135  | 160  | 153  | 151  | 154  | 5131   |
| 11   | 11   | 11   | 11   | 11   | 11   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 327    |
| 80   | 64   | 63   | 58   | 55   | 64   | 68   | 69   | 60   | 58   | 54   | 52   | 50   | 57   | 55   | 2119   |
| 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 15   | 15   | 498    |
| 2751 | 2763 | 2758 | 2763 | 2758 | 2758 | 2679 | 2674 | 2568 | 2573 | 2579 | 2573 | 2573 | 2601 | 2595 | 87225  |
| 11   | 10   | 10   | 11   | 11   | 11   | 11   | 11   | 8    | 7    | 9    | 11   | 10   | 4    | 7    | 256    |
| 457  | 458  | 456  | 456  | 455  | 416  | 421  | 421  | 422  | 407  | 408  | 404  | 407  | 403  | 402  | 13761  |
| 64   | 64   | 64   | 64   | 64   | 64   | 64   | 63   | 63   | 63   | 62   | 62   | 62   | 62   | 62   | 1933   |
| 566  | 563  | 557  | 560  | 556  | 556  | 557  | 556  | 551  | 550  | 511  | 555  | 544  | 559  | 560  | 17312  |
| 134  | 133  | 133  | 132  | 132  | 133  | 135  | 138  | 140  | 141  | 144  | 145  | 142  | 139  | 136  | 4301   |
| 11   | 11   | 11   | 11   | 11   | 11   | 10   | 10   | 10   | 9    | 9    | 9    | 8    | 8    | 8    | 311    |
| 347  | 346  | 344  | 350  | 342  | 341  | 343  | 335  | 335  | 337  | 337  | 344  | 344  | 344  | 344  | 10725  |
| 197  | 193  | 187  | 187  | 187  | 187  | 188  | 188  | 188  | 189  | 188  | 187  | 187  | 186  | 186  | 5834   |
| 12   | 11   | 11   | 11   | 11   | 12   | 12   | 13   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 408    |
| 34   | 34   | 34   | 33   | 32   | 31   | 31   | 30   | 30   | 29   | 31   | 33   | 35   | 35   | 34   | 970    |
| 26   | 26   | 26   | 26   | 26   | 24   | 22   | 20   | 18   | 15   | 13   | 11   | 11   | 11   | 11   | 686    |
| 5600 | 5594 | 5550 | 5546 | 5519 | 5492 | 5410 | 5395 | 5287 | 5290 | 5225 | 5291 | 5271 | 5317 | 5310 | 174269 |
| 805  | 841  | 907  | 900  | 944  | 769  | 748  | 762  | 805  | 877  | 826  | 700  | 602  | 576  | 596  | 51522  |
| 6405 | 6435 | 6457 | 6446 | 6463 | 6261 | 6158 | 6157 | 6092 | 6167 | 6051 | 5991 | 5873 | 5893 | 5906 | 225791 |

DISCHARGE IN SECOND FEET OF  
BY DAYS DURING THE IRRIGATION SEASON

AUGUST

| NAME OF CANAL          | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| BALLANTINE             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| BOISE CITY             | 19   | 19   | 19   | 19   | 19   | 19   | 19   | 19   | 19   | 19   | 19   | 18   | 18   | 17   | 17   |
| BOISE VALLEY           | 33   | 31   | 23   | 24   | 24   | 24   | 28   | 28   | 31   | 28   | 28   | 28   | 29   | 29   | 29   |
| BUBB                   | 47   | 47   | 47   | 47   | 47   | 47   | 46   | 46   | 46   | 47   | 47   | 47   | 47   | 47   | 46   |
| CALDWELL HIGH LINE     | 12   | 11   | 11   | 10   | 10   | 10   | 9    | 9    | 9    | 10   | 11   | 11   | 12   | 12   | 13   |
|                        | 49   | 49   | 50   | 45   | 45   | 46   | 52   | 50   | 50   | 48   | 44   | 49   | 56   | 58   | 57   |
| CAMPBELL               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| CANYON COUNTY          | 30   | 30   | 30   | 29   | 29   | 29   | 29   | 28   | 28   | 28   | 28   | 27   | 27   | 26   | 25   |
| DAVIS DITCH            | 64   | 63   | 62   | 64   | 68   | 70   | 72   | 74   | 76   | 78   | 76   | 74   | 73   | 72   | 71   |
| EAGLE ISLAND CANALS    | 15   | 16   | 16   | 17   | 17   | 17   | 18   | 18   | 18   | 18   | 18   | 18   | 19   | 19   | 19   |
| EUREKA #1              | 47   | 47   | 47   | 46   | 46   | 46   | 46   | 46   | 46   | 46   | 46   | 46   | 45   | 45   | 45   |
|                        | 33   | 32   | 33   | 32   | 32   | 31   | 31   | 31   | 31   | 35   | 36   | 33   | 39   | 40   | 39   |
| EUREKA #2              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| FARMERS UNION          | 112  | 112  | 112  | 113  | 113  | 113  | 113  | 114  | 114  | 114  | 114  | 109  | 103  | 96   | 86   |
| LITTLE PIONEER         | 193  | 194  | 193  | 192  | 185  | 183  | 183  | 182  | 181  | 181  | 181  | 181  | 176  | 176  | 173  |
| LOWER CENTER POINT     | 37   | 40   | 43   | 42   | 41   | 40   | 38   | 36   | 35   | 34   | 34   | 34   | 34   | 35   | 35   |
| MIDDLETON CANALS       | 32   | 31   | 31   | 30   | 30   | 29   | 29   | 28   | 28   | 27   | 27   | 26   | 25   | 24   | 23   |
|                        | 153  | 153  | 152  | 150  | 148  | 146  | 144  | 142  | 140  | 139  | 138  | 137  | 137  | 136  | 135  |
| MISCELLANEOUS          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| NEW DRY CREEK          | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| NEW UNION              | 64   | 57   | 55   | 59   | 62   | 63   | 64   | 55   | 57   | 63   | 69   | 72   | 50   | 50   | 57   |
| NEW YORK CANAL         | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 14   | 14   | 14   |
| PENITENTIARY           | 2590 | 2595 | 2595 | 2590 | 2595 | 2567 | 2567 | 2573 | 2573 | 2578 | 2578 | 2578 | 2557 | 2546 | 2535 |
|                        | 7    | 7    | 9    | 10   | 10   | 8    | 8    | 10   | 10   | 9    | 9    | 9    | 9    | 10   | 11   |
| PHYLLIS                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| PIONEER DIXIE          | 397  | 396  | 422  | 418  | 420  | 417  | 419  | 421  | 423  | 424  | 406  | 417  | 419  | 416  | 387  |
| RIDENBAUGH             | 61   | 61   | 61   | 61   | 61   | 62   | 62   | 62   | 63   | 63   | 63   | 63   | 63   | 63   | 63   |
| RIVERSIDE #2           | 555  | 561  | 565  | 561  | 568  | 568  | 566  | 562  | 564  | 563  | 561  | 564  | 538  | 528  | 517  |
| ROSSI MILL             | 134  | 132  | 130  | 128  | 129  | 129  | 130  | 130  | 130  | 131  | 132  | 129  | 126  | 123  | 117  |
|                        | 7    | 7    | 7    | 6    | 6    | 6    | 5    | 5    | 5    | 6    | 6    | 7    | 7    | 8    | 9    |
| SEBREE (FARMERS CO-OP) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| SETTLERS               | 344  | 344  | 344  | 344  | 344  | 351  | 344  | 335  | 335  | 335  | 347  | 325  | 316  | 303  | 289  |
| SIEBENBERG             | 187  | 188  | 188  | 186  | 186  | 185  | 183  | 183  | 183  | 183  | 183  | 183  | 149  | 149  | 143  |
| THURMAN MILL           | 21   | 22   | 23   | 24   | 23   | 22   | 20   | 19   | 17   | 15   | 14   | 13   | 12   | 11   | 10   |
| UPPER CENTER POINT     | 34   | 34   | 34   | 34   | 34   | 33   | 33   | 33   | 33   | 32   | 31   | 31   | 30   | 29   | 29   |
|                        | 12   | 12   | 12   | 12   | 13   | 13   | 13   | 13   | 14   | 14   | 14   | 14   | 14   | 14   | 14   |
| TOTAL CANAL DIVERSIONS | 5314 | 5316 | 5339 | 5318 | 5330 | 5299 | 5296 | 5277 | 5284 | 5293 | 5285 | 5268 | 5154 | 5107 | 4954 |
| RIVER AT NOTUS         | 602  | 608  | 622  | 641  | 563  | 512  | 473  | 499  | 499  | 518  | 512  | 728  | 1190 | 1160 | 960  |
| TOTALS                 | 5916 | 5924 | 5961 | 5959 | 5893 | 5811 | 5769 | 5776 | 5783 | 5811 | 5797 | 5996 | 6344 | 6267 | 5918 |

BY DAYS DURING THE IRRIGATION SEASON OF 1965, INCLUDING STORAGE

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   |
| 19   | 19   | 18   | 18   | 17   | 17   | 16   | 16   | 16   | 16   | 16   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 16   | 16   |
| 28   | 28   | 28   | 29   | 29   | 29   | 25   | 26   | 26   | 26   | 26   | 27   | 27   | 27   | 28   | 22   | 25   | 25   | 28   | 25   |
| 47   | 47   | 47   | 47   | 47   | 46   | 46   | 45   | 45   | 45   | 44   | 43   | 43   | 43   | 43   | 43   | 44   | 43   | 44   | 45   |
| 10   | 11   | 11   | 12   | 12   | 13   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 12   | 12   | 12   |
| 48   | 44   | 49   | 56   | 58   | 57   | 55   | 44   | 47   | 50   | 56   | 62   | 62   | 49   | 45   | 42   | 39   | 40   | 41   | 41   |
| 28   | 28   | 27   | 27   | 26   | 25   | 25   | 24   | 24   | 23   | 22   | 21   | 20   | 18   | 17   | 16   | 17   | 18   | 19   | 20   |
| 78   | 76   | 74   | 73   | 72   | 71   | 70   | 69   | 69   | 70   | 70   | 70   | 71   | 71   | 71   | 69   | 67   | 64   | 61   | 58   |
| 18   | 18   | 18   | 19   | 19   | 19   | 19   | 18   | 18   | 17   | 16   | 16   | 15   | 15   | 15   | 15   | 15   | 16   | 16   | 16   |
| 46   | 46   | 46   | 45   | 45   | 45   | 45   | 40   | 40   | 40   | 40   | 40   | 39   | 39   | 39   | 39   | 39   | 38   | 38   | 38   |
| 35   | 36   | 33   | 39   | 40   | 41   | 39   | 33   | 31   | 30   | 33   | 32   | 28   | 25   | 25   | 24   | 25   | 28   | 21   | 22   |
| 114  | 114  | 109  | 103  | 96   | 91   | 86   | 80   | 75   | 74   | 73   | 71   | 69   | 67   | 65   | 64   | 68   | 72   | 76   | 80   |
| 181  | 181  | 181  | 176  | 176  | 173  | 173  | 173  | 172  | 172  | 172  | 163  | 162  | 159  | 160  | 161  | 161  | 162  | 162  | 165  |
| 34   | 34   | 34   | 34   | 35   | 35   | 35   | 35   | 34   | 34   | 33   | 33   | 32   | 31   | 31   | 32   | 34   | 35   | 36   | 38   |
| 27   | 27   | 26   | 25   | 24   | 23   | 22   | 21   | 20   | 20   | 20   | 19   | 19   | 18   | 18   | 18   | 19   | 20   | 21   | 22   |
| 139  | 138  | 137  | 137  | 136  | 136  | 135  | 134  | 135  | 136  | 137  | 138  | 139  | 140  | 141  | 142  | 142  | 142  | 142  | 143  |
| 10   | 10   | 10   | 10   | 10   | 10   | 10   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   |
| 63   | 69   | 72   | 50   | 50   | 59   | 57   | 53   | 59   | 61   | 60   | 56   | 55   | 51   | 48   | 48   | 53   | 53   | 55   | 55   |
| 15   | 15   | 15   | 14   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 12   | 12   | 12   | 12   | 13   | 13   | 13   | 14   | 14   |
| 2578 | 2578 | 2578 | 2557 | 2546 | 2546 | 2535 | 2540 | 2540 | 2535 | 2540 | 2535 | 2529 | 2535 | 2316 | 2326 | 2115 | 2135 | 2135 | 2130 |
| 9    | 9    | 9    | 9    | 10   | 10   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 10   | 10   | 7    | 7    | 8    | 9    |
| 424  | 406  | 417  | 419  | 416  | 415  | 387  | 378  | 376  | 375  | 369  | 359  | 334  | 297  | 297  | 296  | 295  | 291  | 250  | 247  |
| 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 30   | 62   | 62   | 61   | 61   |
| 563  | 561  | 564  | 538  | 528  | 537  | 517  | 522  | 526  | 529  | 528  | 515  | 520  | 510  | 492  | 493  | 507  | 501  | 483  | 479  |
| 131  | 132  | 129  | 126  | 123  | 120  | 117  | 114  | 111  | 111  | 111  | 111  | 111  | 111  | 111  | 144  | 111  | 111  | 111  | 111  |
| 6    | 6    | 7    | 7    | 8    | 8    | 9    | 9    | 10   | 10   | 11   | 11   | 12   | 12   | 12   | 11   | 11   | 11   | 10   | 10   |
| 335  | 347  | 325  | 316  | 303  | 289  | 284  | 279  | 290  | 297  | 297  | 286  | 272  | 272  | 272  | 235  | 272  | 272  | 260  | 248  |
| 183  | 183  | 183  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

VALLEY CANALS

1965, INCLUDING STORAGE

CHART NO. 5

|    | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | TOTAL  |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
|    | 16   | 16   | 16   | 16   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 16   | 16   | 16   | 16   | 528    |
|    | 26   | 26   | 26   | 26   | 27   | 27   | 27   | 28   | 22   | 25   | 25   | 28   | 25   | 25   | 26   | 831    |
|    | 45   | 45   | 45   | 44   | 43   | 43   | 43   | 43   | 43   | 44   | 43   | 44   | 45   | 45   | 45   | 1407   |
|    | 14   | 14   | 14   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 12   | 12   | 12   | 12   | 12   | 367    |
|    | 44   | 47   | 50   | 56   | 62   | 62   | 49   | 45   | 42   | 39   | 40   | 41   | 41   | 40   | 41   | 1502   |
|    | 24   | 24   | 23   | 22   | 21   | 20   | 18   | 17   | 16   | 17   | 18   | 19   | 20   | 22   | 23   | 752    |
|    | 69   | 69   | 70   | 70   | 70   | 71   | 71   | 71   | 69   | 67   | 64   | 61   | 58   | 56   | 54   | 2117   |
|    | 18   | 18   | 17   | 16   | 16   | 15   | 15   | 15   | 15   | 15   | 16   | 16   | 16   | 16   | 17   | 523    |
|    | 40   | 40   | 40   | 40   | 40   | 39   | 39   | 39   | 39   | 39   | 38   | 38   | 38   | 38   | 38   | 1320   |
|    | 33   | 31   | 30   | 33   | 32   | 28   | 25   | 25   | 24   | 25   | 28   | 21   | 22   | 24   | 18   | 948    |
| 5  | 80   | 75   | 74   | 73   | 71   | 69   | 67   | 65   | 64   | 68   | 72   | 76   | 80   | 85   | 90   | 2838   |
| 3  | 173  | 172  | 172  | 172  | 163  | 162  | 159  | 160  | 161  | 161  | 162  | 162  | 162  | 165  | 174  | 5407   |
| 5  | 35   | 34   | 34   | 33   | 33   | 32   | 31   | 31   | 32   | 34   | 35   | 36   | 38   | 40   | 41   | 1112   |
| 2  | 21   | 20   | 20   | 20   | 19   | 19   | 18   | 18   | 18   | 19   | 20   | 21   | 22   | 23   | 25   | 745    |
| 5  | 134  | 135  | 136  | 137  | 138  | 139  | 140  | 141  | 142  | 142  | 142  | 142  | 143  | 143  | 143  | 4383   |
| 0  | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 325    |
| 7  | 53   | 59   | 61   | 60   | 56   | 55   | 51   | 48   | 48   | 53   | 53   | 55   | 55   | 54   | 57   | 1774   |
| 4  | 14   | 13   | 13   | 13   | 12   | 12   | 12   | 12   | 13   | 13   | 13   | 14   | 14   | 14   | 13   | 431    |
| 35 | 2540 | 2540 | 2535 | 2540 | 2535 | 2529 | 2535 | 2316 | 2326 | 2115 | 2135 | 2135 | 2130 | 2130 | 2120 | 76324  |
| 1  | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 10   | 10   | 7    | 7    | 8    | 9    | 9    | 8    | 291    |
| 37 | 378  | 376  | 375  | 369  | 359  | 334  | 297  | 297  | 296  | 295  | 291  | 250  | 247  | 243  | 220  | 11244  |
| 63 | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 30   | 62   | 62   | 61   | 61   | 60   | 59   | 1894   |
| 17 | 522  | 526  | 529  | 528  | 515  | 520  | 510  | 492  | 493  | 507  | 501  | 483  | 479  | 479  | 483  | 16445  |
| 17 | 114  | 111  | 111  | 111  | 111  | 111  | 111  | 111  | 144  | 111  | 111  | 111  | 111  | 111  | 112  | 3752   |
| 9  | 9    | 10   | 10   | 11   | 11   | 12   | 12   | 12   | 11   | 11   | 11   | 10   | 10   | 10   | 9    | 264    |
| 84 | 279  | 290  | 297  | 297  | 286  | 272  | 272  | 272  | 235  | 272  | 272  | 260  | 248  | 248  | 260  | 9344   |
| 43 | 141  | 139  | 137  | 142  | 141  | 139  | 138  | 137  | 141  | 140  | 146  | 0    | 147  | 145  | 146  | 4787   |
| 10 | 9    | 8    | 8    | 8    | 8    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 8    | 8    | 390    |
| 29 | 28   | 28   | 27   | 26   | 26   | 25   | 24   | 24   | 23   | 23   | 23   | 22   | 22   | 22   | 23   | 880    |
| 14 | 14   | 14   | 13   | 13   | 12   | 11   | 11   | 10   | 10   | 10   | 10   | 10   | 9    | 9    | 9    | 377    |
| 05 | 4958 | 4965 | 4968 | 4974 | 4920 | 4866 | 4795 | 4548 | 4513 | 4360 | 4383 | 4170 | 4298 | 4303 | 4301 | 153302 |
| 80 | 960  | 870  | 819  | 900  | 1020 | 1150 | 1190 | 1130 | 1080 | 998  | 967  | 900  | 892  | 762  | 648  | 25613  |
| 85 | 5918 | 5835 | 5787 | 5874 | 5940 | 6016 | 5985 | 5678 | 5593 | 5358 | 5350 | 5070 | 5190 | 5065 | 4949 | 178915 |

DISCHARGE IN SECOND FEET OF  
BY DAYS DURING THE IRRIGATION SEASON

SEPTEMBER

| NAME OF CANAL          | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| BALLANTINE             | 15   | 15   | 14   | 14   | 14   | 13   | 13   | 12   | 12   | 12   | 11   | 11   | 11   | 12   | 12   |
| BOISE CITY             | 29   | 29   | 29   | 29   | 26   | 27   | 24   | 27   | 27   | 27   | 28   | 28   | 26   | 29   | 29   |
| BOISE VALLEY           | 45   | 45   | 45   | 45   | 45   | 45   | 46   | 45   | 45   | 45   | 44   | 44   | 42   | 42   | 39   |
| BUBB                   | 12   | 12   | 12   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 12   | 12   | 12   | 12   | 12   |
| CALDWELL HIGH LINE     | 39   | 39   | 40   | 38   | 39   | 39   | 39   | 48   | 47   | 46   | 39   | 38   | 38   | 38   | 37   |
| CAMPBELL               | 24   | 25   | 25   | 25   | 25   | 26   | 26   | 26   | 26   | 27   | 27   | 28   | 28   | 29   | 29   |
| CANYON COUNTY          | 55   | 55   | 56   | 56   | 57   | 57   | 58   | 59   | 61   | 62   | 63   | 65   | 66   | 68   | 67   |
| DAVIS DITCH            | 17   | 18   | 18   | 18   | 19   | 19   | 19   | 18   | 17   | 16   | 15   | 14   | 13   | 13   | 13   |
| EAGLE ISLAND CANALS    | 38   | 38   | 38   | 37   | 37   | 37   | 37   | 37   | 36   | 36   | 36   | 35   | 35   | 35   | 35   |
| EUREKA #1              | 24   | 22   | 28   | 28   | 27   | 27   | 30   | 21   | 18   | 17   | 20   | 21   | 15   | 14   | 16   |
| EUREKA #2              | 95   | 94   | 94   | 94   | 94   | 93   | 93   | 93   | 93   | 92   | 91   | 90   | 89   | 88   | 87   |
| FARMERS UNION          | 173  | 173  | 172  | 172  | 163  | 162  | 161  | 153  | 153  | 154  | 155  | 156  | 147  | 156  | 134  |
| LITTLE PIONEER         | 38   | 36   | 34   | 31   | 28   | 25   | 22   | 19   | 20   | 22   | 23   | 25   | 26   | 28   | 28   |
| LOWER CENTER POINT     | 27   | 28   | 29   | 30   | 31   | 33   | 34   | 35   | 36   | 34   | 32   | 29   | 27   | 25   | 23   |
| MIDDLETON CANALS       | 143  | 143  | 143  | 142  | 142  | 142  | 142  | 136  | 130  | 125  | 120  | 114  | 108  | 109  | 111  |
| MISCELLANEOUS          | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| NEW DRY CREEK          | 64   | 64   | 64   | 61   | 54   | 50   | 52   | 52   | 50   | 47   | 46   | 45   | 48   | 44   | 38   |
| NEW UNION              | 13   | 12   | 12   | 12   | 11   | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 12   | 12   | 12   |
| NEW YORK CANAL         | 2130 | 2135 | 2140 | 2140 | 2140 | 2140 | 2140 | 2036 | 1925 | 1759 | 1681 | 1676 | 1676 | 1541 | 1459 |
| PENITENTIARY           | 7    | 7    | 6    | 9    | 9    | 7    | 7    | 10   | 12   | 12   | 12   | 13   | 10   | 12   | 3    |
| PHYLLIS                | 242  | 257  | 275  | 289  | 286  | 286  | 281  | 242  | 236  | 210  | 210  | 209  | 173  | 176  | 172  |
| PIONEER DIXIE          | 58   | 57   | 57   | 57   | 56   | 56   | 55   | 55   | 55   | 54   | 53   | 52   | 51   | 50   | 49   |
| RIDENBAUGH             | 481  | 481  | 478  | 479  | 477  | 469  | 453  | 425  | 428  | 394  | 394  | 391  | 396  | 393  | 392  |
| RIVERSIDE #2           | 112  | 113  | 112  | 111  | 112  | 111  | 112  | 111  | 111  | 111  | 110  | 110  | 109  | 109  | 108  |
| ROSSI MILL             | 9    | 8    | 8    | 8    | 7    | 7    | 7    | 8    | 8    | 8    | 8    | 8    | 9    | 9    | 9    |
| SEBREE (FARMERS CO-OP) | 260  | 234  | 234  | 234  | 211  | 209  | 187  | 165  | 165  | 165  | 165  | 165  | 165  | 165  | 165  |
| SETTLERS               | 145  | 144  | 144  | 143  | 136  | 136  | 125  | 124  | 133  | 132  | 131  | 75   | 74   | 74   | 73   |
| SIEBENBERG             | 8    | 8    | 8    | 8    | 8    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    |
| THURMAN MILL           | 24   | 25   | 26   | 28   | 30   | 31   | 32   | 31   | 30   | 29   | 28   | 27   | 26   | 27   | 27   |
| UPPER CENTER POINT     | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 10   |
| TOTAL CANAL DIVERSIONS | 4346 | 4336 | 4360 | 4370 | 4316 | 4297 | 4245 | 4038 | 3924 | 3686 | 3592 | 3519 | 3458 | 3336 | 3205 |
| RIVER AT NOTUS         | 608  | 628  | 596  | 622  | 680  | 776  | 826  | 1070 | 1230 | 1140 | 1110 | 1110 | 1110 | 1150 | 1220 |
| TOTALS                 | 4954 | 4964 | 4956 | 4992 | 4996 | 5073 | 5071 | 5108 | 5154 | 4826 | 4702 | 4629 | 4568 | 4486 | 4425 |

## DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1965, INCLUDING STORAGE

## SEPTEMBER

|     | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 12  | 12   | 11   | 11   | 11   | 12   | 12   | 12   | 12   | 13   | 13   | 13   | 14   | 14   | 15   | 15   | 15   | 16   | 16   | 16   | 15   | 15   |
| 27  | 27   | 28   | 28   | 26   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 28   | 28   |
| 45  | 45   | 44   | 44   | 42   | 42   | 39   | 39   | 39   | 39   | 39   | 39   | 39   | 40   | 39   | 39   | 39   | 38   | 38   | 38   | 38   | 38   |
| 13  | 13   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   |
| 47  | 46   | 39   | 38   | 38   | 38   | 37   | 36   | 37   | 36   | 36   | 36   | 36   | 36   | 32   | 32   | 29   | 29   | 27   | 26   | 26   | 30   |
| 26  | 27   | 27   | 28   | 28   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 31   | 31   | 31   | 31   | 31   | 31   | 31   |
| 61  | 62   | 63   | 65   | 66   | 68   | 67   | 67   | 67   | 66   | 66   | 66   | 65   | 65   | 65   | 64   | 64   | 64   | 64   | 63   | 63   | 63   |
| 17  | 16   | 15   | 14   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 12   | 12   |
| 36  | 36   | 36   | 35   | 35   | 35   | 35   | 35   | 35   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 33   | 33   | 33   | 33   | 33   | 32   |
| 18  | 17   | 20   | 21   | 15   | 14   | 16   | 22   | 22   | 22   | 22   | 21   | 20   | 20   | 19   | 19   | 18   | 18   | 18   | 19   | 20   |      |
| 3   | 93   | 92   | 91   | 90   | 89   | 88   | 87   | 86   | 85   | 84   | 83   | 82   | 80   | 79   | 77   | 76   | 75   | 74   | 72   | 71   | 70   |
| 3   | 153  | 154  | 155  | 156  | 147  | 156  | 134  | 122  | 122  | 122  | 122  | 122  | 122  | 123  | 123  | 123  | 107  | 107  | 106  | 107  | 108  |
| 9   | 20   | 22   | 23   | 25   | 26   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   |
| 5   | 36   | 34   | 32   | 29   | 27   | 25   | 23   | 24   | 24   | 24   | 24   | 24   | 24   | 24   | 25   | 25   | 25   | 25   | 25   | 25   | 25   |
| 6   | 130  | 125  | 120  | 114  | 108  | 109  | 111  | 112  | 113  | 115  | 117  | 118  | 119  | 121  | 122  | 123  | 125  | 126  | 127  | 124  | 121  |
| 0   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| 12  | 50   | 47   | 46   | 45   | 48   | 44   | 38   | 38   | 40   | 40   | 42   | 43   | 42   | 50   | 59   | 55   | 51   | 45   | 46   | 49   | 50   |
| 1   | 11   | 11   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   |
| 36  | 1925 | 1759 | 1681 | 1676 | 1676 | 1541 | 1459 | 1467 | 1463 | 1463 | 1459 | 1459 | 1257 | 1264 | 1264 | 1264 | 1260 | 1260 | 1268 | 1260 | 1260 |
| 10  | 12   | 12   | 12   | 13   | 10   | 12   | 3    | 4    | 3    | 1    | 0    | 1    | 2    | 5    | 5    | 5    | 2    | 3    | 7    | 6    | 6    |
| 42  | 236  | 210  | 210  | 209  | 173  | 176  | 172  | 201  | 200  | 200  | 200  | 199  | 202  | 202  | 201  | 203  | 202  | 202  | 206  | 204  | 205  |
| 55  | 55   | 54   | 53   | 52   | 51   | 50   | 49   | 50   | 50   | 51   | 51   | 52   | 52   | 53   | 53   | 54   | 54   | 55   | 56   | 56   | 57   |
| 25  | 428  | 394  | 394  | 391  | 396  | 393  | 392  | 392  | 383  | 369  | 353  | 352  | 353  | 348  | 345  | 345  | 342  | 350  | 368  | 374  | 371  |
| 11  | 111  | 111  | 110  | 110  | 109  | 109  | 108  | 108  | 108  | 107  | 107  | 106  | 107  | 106  | 106  | 105  | 105  | 105  | 104  | 104  | 103  |
| 8   | 8    | 8    | 8    | 8    | 9    | 9    | 9    | 9    | 9    | 10   | 10   | 10   | 10   | 10   | 11   | 11   | 11   | 11   | 11   | 10   | 10   |
| 65  | 165  | 165  | 165  | 165  | 165  | 165  | 165  | 162  | 162  | 162  | 183  | 183  | 183  | 191  | 213  | 213  | 211  | 211  | 211  | 209  | 198  |
| 24  | 133  | 132  | 131  | 75   | 74   | 74   | 73   | 73   | 72   | 72   | 69   | 68   | 68   | 67   | 66   | 66   | 65   | 65   | 65   | 64   | 64   |
| 7   | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 8    | 8    | 8    | 8    | 8    | 8    | 8    |
| 31  | 30   | 29   | 28   | 27   | 26   | 27   | 27   | 28   | 28   | 28   | 29   | 29   | 29   | 30   | 30   | 31   | 31   | 32   | 32   | 32   | 32   |
| 9   | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 10   | 10   | 10   | 10   | 10   | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 12   | 12   |
| 338 | 3924 | 3686 | 3592 | 3519 | 3458 | 3336 | 3205 | 3237 | 3225 | 3208 | 3209 | 3208 | 3010 | 3029 | 3058 | 3052 | 3018 | 3022 | 3053 | 3042 | 3031 |
| 070 | 1230 | 1140 | 1110 | 1110 | 1110 | 1150 | 1220 | 1260 | 1310 | 1320 | 1340 | 1300 | 1370 | 1340 | 1300 | 1300 | 1300 | 1290 | 1260 | 1230 | 1290 |
| 108 | 5154 | 4826 | 4702 | 4629 | 4568 | 4486 | 4425 | 4497 | 4535 | 4528 | 4549 | 4508 | 4380 | 4369 | 4358 | 4352 | 4318 | 4312 | 4313 | 4272 | 4321 |

KEY CANALS

INCLUDING STORAGE

CHART NO. 5

|  | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31 | TOTAL  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----|--------|
|  | 13   | 13   | 14   | 14   | 15   | 15   | 15   | 16   | 16   | 16   | 15   | 15   | 15   |    | 408    |
|  | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 28   | 28   | 28   |    | 846    |
|  | 39   | 39   | 39   | 40   | 39   | 39   | 39   | 38   | 38   | 38   | 38   | 38   | 38   |    | 1242   |
|  | 12   | 12   | 12   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 10   |    | 356    |
|  | 36   | 36   | 36   | 36   | 32   | 32   | 29   | 29   | 27   | 26   | 26   | 30   | 26   |    | 1078   |
|  | 29   | 29   | 29   | 29   | 29   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   |    | 847    |
|  | 66   | 66   | 66   | 65   | 65   | 65   | 64   | 64   | 64   | 63   | 63   | 63   | 63   |    | 1876   |
|  | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 12   | 12   | 11   |    | 438    |
|  | 34   | 34   | 34   | 34   | 34   | 34   | 33   | 33   | 33   | 33   | 33   | 32   | 32   |    | 1050   |
|  | 22   | 22   | 21   | 20   | 20   | 19   | 19   | 18   | 18   | 18   | 19   | 20   | 12   |    | 620    |
|  | 84   | 83   | 82   | 80   | 79   | 77   | 76   | 75   | 74   | 72   | 71   | 70   | 69   |    | 2543   |
|  | 122  | 122  | 122  | 122  | 123  | 123  | 123  | 107  | 107  | 106  | 107  | 108  | 108  |    | 4128   |
|  | 28   | 28   | 28   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   | 29   |    | 835    |
|  | 24   | 24   | 24   | 24   | 24   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   |    | 821    |
|  | 115  | 117  | 118  | 119  | 121  | 122  | 123  | 125  | 126  | 127  | 124  | 121  | 118  |    | 3751   |
|  | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 9    |    | 299    |
|  | 40   | 42   | 43   | 42   | 50   | 59   | 55   | 51   | 45   | 46   | 49   | 50   | 47   |    | 1476   |
|  | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   |    | 355    |
|  | 1463 | 1459 | 1459 | 1257 | 1264 | 1264 | 1264 | 1260 | 1260 | 1268 | 1260 | 1260 | 1260 |    | 48646  |
|  | 1    | 0    | 1    | 2    | 5    | 5    | 5    | 2    | 3    | 7    | 6    | 6    | 6    |    | 192    |
|  | 200  | 200  | 199  | 202  | 202  | 201  | 203  | 202  | 202  | 206  | 204  | 205  | 164  |    | 6535   |
|  | 51   | 51   | 52   | 52   | 53   | 53   | 54   | 54   | 55   | 56   | 56   | 57   | 57   |    | 1616   |
|  | 369  | 353  | 352  | 353  | 348  | 345  | 345  | 342  | 350  | 368  | 374  | 371  | 369  |    | 11945  |
|  | 107  | 107  | 106  | 107  | 106  | 106  | 105  | 105  | 105  | 104  | 104  | 103  | 103  |    | 3246   |
|  | 10   | 10   | 10   | 10   | 10   | 11   | 11   | 11   | 11   | 11   | 10   | 10   | 9    |    | 273    |
|  | 162  | 183  | 183  | 183  | 191  | 213  | 213  | 211  | 211  | 211  | 209  | 198  | 199  |    | 5780   |
|  | 72   | 69   | 68   | 68   | 67   | 66   | 66   | 65   | 65   | 65   | 64   | 64   | 64   |    | 2797   |
|  | 7    | 7    | 7    | 7    | 7    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    |    | 223    |
|  | 28   | 29   | 29   | 29   | 30   | 30   | 31   | 31   | 32   | 32   | 32   | 32   | 32   |    | 874    |
|  | 10   | 10   | 10   | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 12   | 12   | 12   |    | 300    |
|  | 3208 | 3209 | 3208 | 3010 | 3029 | 3058 | 3052 | 3018 | 3022 | 3053 | 3042 | 3031 | 2966 |    | 105396 |
|  | 1320 | 1340 | 1300 | 1370 | 1340 | 1300 | 1300 | 1300 | 1290 | 1260 | 1230 | 1290 | 1370 |    | 33456  |
|  | 4528 | 4549 | 4508 | 4380 | 4369 | 4358 | 4352 | 4318 | 4312 | 4313 | 4272 | 4321 | 4336 |    | 138852 |

DISCHARGE IN SECOND FEET OF BOISE  
BY DAYS DURING THE IRRIGATION SEASON OF 1

OCTOBER

| NAME OF CANAL           | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| BALLANTINE              | 15   | 15   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   |
| BOISE CITY              | 25   | 25   | 25   | 25   | 25   | 25   | 24   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   |
| BOISE VALLEY            | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 37   | 37   | 37   | 37   | 37   |
| BUBB                    | 10   | 9    | 9    | 9    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    |
| CALDWELL HIGH LINE      | 33   | 32   | 32   | 32   | 31   | 31   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   |
| CAMPBELL                | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   |
| CANYON COUNTY           | 63   | 63   | 63   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   |
| DAVIS DITCH             | 11   | 10   | 10   | 10   | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    |
| EABLE ISLAND CANALS     | 32   | 32   | 30   | 30   | 30   | 27   | 26   | 25   | 25   | 25   | 24   | 24   | 23   | 23   | 23   | 23   |
| EUREKA #1               | 8    | 3    | 3    | 4    | 4    | 4    | 4    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 4    |
| EUREKA #2               | 67   | 66   | 64   | 63   | 61   | 60   | 58   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   |
| FARMERS UNION           | 108  | 109  | 109  | 128  | 119  | 120  | 120  | 120  | 120  | 120  | 112  | 113  | 113  | 113  | 113  | 113  |
| LITTLE PIONEER          | 29   | 29   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   |
| LOWER CENTER POINT      | 24   | 23   | 21   | 20   | 18   | 17   | 15   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   |
| MIDDLETON CANALS        | 115  | 112  | 109  | 106  | 104  | 102  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  |
| MISCELLANEOUS           | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| NEW DRY CREEK           | 48   | 46   | 46   | 47   | 47   | 45   | 49   | 47   | 47   | 45   | 45   | 45   | 45   | 45   | 45   | 45   |
| NEW UNION               | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   |
| NEW YORK CANAL          | 1282 | 1282 | 1282 | 1282 | 1282 | 1282 | 1282 | 1286 | 1282 | 1286 | 1286 | 1282 | 1294 | 1282 | 1282 | 1282 |
| PENITENTIARY            | 8    | 8    | 8    | 7    | 5    | 6    | 3    | 2    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 0    |
| PHYLLIS                 | 151  | 129  | 100  | 102  | 106  | 107  | 110  | 113  | 114  | 114  | 114  | 119  | 119  | 117  | 114  | 114  |
| PIONEER DIXIE           | 56   | 56   | 55   | 54   | 53   | 53   | 52   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   |
| RIDENBAUGH              | 366  | 353  | 353  | 364  | 378  | 382  | 380  | 389  | 371  | 366  | 369  | 0    | 0    | 0    | 0    | 0    |
| RIVERSIDE #2            | 105  | 105  | 107  | 108  | 110  | 110  | 112  | 113  | 113  | 113  | 113  | 113  | 113  | 113  | 113  | 113  |
| ROSSI MILL              | 9    | 8    | 8    | 8    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    |
| SETHREE (FARMERS CO-OP) | 207  | 207  | 194  | 191  | 189  | 189  | 153  | 157  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 0    |
| SETTLERS                | 64   | 64   | 65   | 65   | 65   | 75   | 75   | 75   | 75   | 75   | 75   | 75   | 75   | 75   | 75   | 75   |
| SIEBENBERG              | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    |
| THURMAN MILL            | 32   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   |
| UPPER CENTER POINT      | 11   | 11   | 10   | 10   | 9    | 9    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    |
| TOTAL CANAL DIVERSIONS  | 2978 | 2929 | 2879 | 2905 | 2900 | 2908 | 2863 | 2879 | 2855 | 2851 | 2844 | 2476 | 2487 | 2473 | 2315 |      |
| RIVER AT NOTUS          | 1380 | 1440 | 1420 | 1380 | 1370 | 1360 | 1380 | 1390 | 1420 | 1420 | 1470 | 1520 | 1510 | 1570 | 1780 |      |
| TOTALS                  | 4358 | 4369 | 4299 | 4285 | 4270 | 4268 | 4243 | 4269 | 4275 | 4271 | 4314 | 3996 | 3997 | 4043 | 4095 |      |

BY DAYS DURING THE IRRIGATION SEASON OF 1965, INCLUDING STORAGE

[illegible]

INCLUDING STORAGE

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
| 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|

63352

TABLE IN ACRE FEET, SHOWING TOTAL  
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER  
DURING IRRIGATION SEASON OF 1965

CHART NO. 6

| NAME OF CANAL       | APRIL  | MAY    | JUNE   | JULY   | AUGUST | SEPTEMBER | OCTOBER | TOTAL   |
|---------------------|--------|--------|--------|--------|--------|-----------|---------|---------|
| BALLANTINE          | 824    | 1440   | 1232   | 1104   | 1056   | 816       | 424     | 6896    |
| BOISE CITY          | 184    | 1848   | 1864   | 1880   | 1662   | 1692      | 748     | 9878    |
| BOISE VALLEY        | 826    | 2856   | 2876   | 2796   | 2814   | 2484      | 1132    | 15784   |
| BUBB                | 206    | 812    | 858    | 894    | 734    | 712       | 250     | 4466    |
| CALDWELL HIGH LINE  | 2724   | 4948   | 4346   | 2806   | 3004   | 2156      | 886     | 20870   |
| CAMPBELL            | 1864   | 2642   | 2114   | 1716   | 1504   | 1694      | 930     | 12464   |
| CANYON COUNTY       | 1652   | 4728   | 4748   | 4234   | 4234   | 3752      | 1914    | 25262   |
| DAVIS DITCH         | 172    | 674    | 720    | 732    | 1046   | 876       | 280     | 4500    |
| EAGLE ISLAND CANALS | 0      | 2912   | 3636   | 3348   | 2640   | 2100      | 798     | 15434   |
| EUREKA #1           | 0      | 2222   | 2034   | 1900   | 1896   | 1240      | 138     | 9430    |
| EUREKA #2           | 4886   | 7422   | 6672   | 6988   | 5676   | 5086      | 1790    | 38520   |
| *FARMERS UNION      | 4158   | 12028  | 11312  | 12064  | 10814  | 8256      | 3474    | 62106   |
| LITTLE PIONEER      | 1170   | 2386   | 2680   | 2516   | 2224   | 1670      | 896     | 13542   |
| LOWER CENTER POINT  | 1140   | 1808   | 1544   | 1966   | 1490   | 1642      | 500     | 10090   |
| MIDDLETON           | 4032   | 9412   | 9546   | 10262  | 8766   | 7502      | 3096    | 52616   |
| MISCELLANEOUS       | 218    | 654    | 632    | 654    | 650    | 598       | 300     | 3706    |
| NEW DRY CREEK       | 1270   | 4370   | 4304   | 4238   | 3548   | 2952      | 1384    | 22066   |
| NEW UNION           | 120    | 872    | 870    | 996    | 862    | 710       | 360     | 4790    |
| NEW YORK            | 82248  | 158576 | 158636 | 174450 | 152648 | 97292     | 38508   | 862358  |
| PENITENTIARY        | 46     | 406    | 460    | 512    | 582    | 384       | 112     | 2502    |
| PHYLLIS             | 15942  | 27826  | 24706  | 27522  | 22488  | 13070     | 3458    | 135012  |
| PIONEER DIXIE       | 1000   | 3702   | 3992   | 3866   | 3788   | 3232      | 1574    | 21154   |
| RIDENBAUGH          | 14302  | 31110  | 32644  | 34624  | 32890  | 23890     | 8142    | 177602  |
| RIVERSIDE           | 6640   | 9438   | 9378   | 8602   | 7504   | 6492      | 3322    | 51376   |
| ROSSI MILL          | 418    | 576    | 562    | 622    | 528    | 546       | 220     | 3472    |
| SEBREE              | 6520   | 15874  | 17790  | 21450  | 18688  | 11560     | 4810    | 96692   |
| SETTLERS            | 1904   | 9400   | 10566  | 11668  | 9574   | 5594      | 2146    | 50852   |
| SIEBENBERG          | 176    | 770    | 692    | 816    | 780    | 446       | 240     | 3920    |
| THURMAN MILL        | 60     | 1916   | 1978   | 1940   | 1760   | 1748      | 988     | 10390   |
| UPPER CENTER POINT  | 646    | 1090   | 1078   | 1372   | 754    | 600       | 264     | 5804    |
| TOTALS              | 155348 | 324718 | 324470 | 348538 | 306604 | 210792    | 83084   | 1753554 |

\*FARMERS UNION FIGURES INCLUDES CAPITAL VIEW IRRIGATION

## BOISE RIVER CANAL DIV

BEGINNING

| NAME OF CANAL                                                                        | 1950    | 1951    | 1952    | 1953    | 1954    | 1955    | 1956    | 1957    |
|--------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| BALLANTINE                                                                           | 5346    | 5328    | 5242    | 5858    | 6838    | 5404    | 6074    | 54      |
| BOISE CITY                                                                           | 9512    | 10412   | 9328    | 9254    | 10114   | 9022    | 9864    | 93      |
| BOISE VALLEY                                                                         | 18420   | 13068   | 19404   | 22920   | 23821   | 19189   | 15016   | 143     |
| BUBB (SOUTH BOISE)                                                                   | 4310    | 4586    | 3890    | 4368    | 5494    | 4182    | 4702    | 36      |
| CALDWELL HIGH LINE                                                                   | 14068   | 14906   | 13330   | 15824   | 19310   | 15394   | 20508   | 1785    |
| CAMPBELL (CANYON)                                                                    | 5596    | 6406    | 6168    | 6102    | 6400    | 6102    | 6234    | 634     |
| CANYON COUNTY WATER CO.                                                              | 23262   | 23282   | 24374   | 23948   | 25984   | 21860   | 25898   | 2417    |
| CAPITAL VIEW IRR. DIST.                                                              | 2556    | 2554    | 2470    | 2198    | 2198    | 1876    | 2132    | 193     |
| CRUZEN (CONSUMERS)                                                                   | 6828    | 5562    | 6756    | 6260    | 7876    | 6864    | 7352    | 6182    |
| DAVIS DITCH                                                                          |         |         |         |         |         |         |         |         |
| EAGLE ISLAND CANALS                                                                  | 15244   | 15400   | 16744   | 16256   | 16006   | 13672   | 16802   | 17110   |
| EUREKA WATER CO.                                                                     | 9654    | 10300   | 9682    | 9864    | 10938   | 9910    | 10024   | 10498   |
| EUREKA #2                                                                            | 25752   | 25668   | 24708   | 27754   | 29656   | 25960   | 29688   | 28278   |
| FARMERS UNION                                                                        | 51276   | 58274   | 46696   | 47750   | 52309   | 48161   | 63250   | 52426   |
| LITTLE PIONEER                                                                       | 11322   | 10944   | 11666   | 11062   | 12276   | 10706   | 12564   | 12480   |
| LOWER CENTER POINT                                                                   | 5736    | 5920    | 5790    | 6208    | 6534    | 5984    | 6806    | 6006    |
| MIDDLETON WATER CO.                                                                  | 29886   | 32773   | 31067   | 32089   | 33263   | 23701   | 29800   | 29618   |
| MIDDLETON MILL DITCH                                                                 | 19924   | 21849   | 20711   | 21393   | 22175   | 18623   | 21580   | 21448   |
| MISCELLANEOUS                                                                        | 8344    | 8432    | 8592    | 8676    | 8556    | 7164    | 8930    | 9324    |
| NEW DRY CREEK                                                                        | 19120   | 19954   | 16782   | 19298   | 20136   | 18204   | 19662   | 18536   |
| NEW UNION                                                                            | 4218    | 5224    | 4180    | 4534    | 5938    | 4252    | 5304    | 4438    |
| NEW YORK CANAL (B. OF C.)                                                            | 820502  | 856926  | 863356  | 899026  | 945306  | 791210  | 979666  | 876992  |
| PENITENTIARY                                                                         | 2642    | 2766    | 2732    | 2356    | 2778    | 2488    | 2332    | 2194    |
| PHYLLIS                                                                              | 116662  | 119870  | 114114  | 103862  | 118430  | 108846  | 117634  | 106828  |
| PIONEER DIXIE                                                                        | 18388   | 21046   | 21098   | 18876   | 24476   | 23952   | 23852   | 20014   |
| RIDENBAUGH                                                                           | 166250  | 173836  | 171742  | 176828  | 192808  | 166426  | 178580  | 177682  |
| RIVERSIDE #2                                                                         | 68812   | 69594   | 68458   | 63526   | 69950   | 67474   | 66284   | 58990   |
| ROSSI MILL                                                                           |         |         |         |         |         |         |         |         |
| SEBREE (FARMERS CO-OP)                                                               | 99470   | 102484  | 107814  | 105996  | 119806  | 106758  | 111420  | 99744   |
| SIEBENBERG                                                                           | 2926    | 3120    | 3272    | 3528    | 3930    | 3294    | 3774    | 2124    |
| SETTLERS                                                                             | 52044   | 53446   | 52510   | 49936   | 55290   | 48292   | 54972   | 47776   |
| THURMAN MILL                                                                         | 70402   | 10500   | 9644    | 8880    | 8788    | 8688    | 9352    | 9546    |
| UPPER CENTER POINT                                                                   | 5824    | 5994    | 5970    | 7088    | 6930    | 5744    | 5782    | 5952    |
| TOTAL SUMMER DIVERSIONS<br>APRIL 1 TO NOVEMBER 1                                     | 1644296 | 1714424 | 1708290 | 1681518 | 1874314 | 1608802 | 1875838 | 1707194 |
| FISH AND GAME                                                                        |         |         |         |         |         |         |         |         |
| NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION - SEASON<br>JANUARY 1 TO DECEMBER 31 | 137978  | 133610  | 104267  | 154382  | 147710  | 103968  | 138968  | 96478   |
| FLOOD CONTROL & OTHER LOSS<br>TO THE SYSTEM                                          | 6728    | 33224   | 15098   | 19962   | 21910   | 22198   | 20160   | 17026   |
| TOTAL                                                                                | 1789002 | 1881258 | 1827655 | 1855862 | 2043934 | 1734963 | 2034966 | 1820698 |
| SUMMER RETURN FLOW                                                                   | 400206  | 471172  | 494974  | 480208  | 508274  | 396138  | 469220  | 462564  |
| AMOUNT OF NATURAL FLOW USED                                                          | 1388796 | 1410086 | 1332681 | 1375654 | 1535660 | 1338825 | 1565746 | 1358134 |

\* 1964 THIS FIGURE INCLUDES OTHER THAN IRRIGATION REQUIREMENTS BELOW DIVERSION DAM FROM JANUARY 1 TO DECEMBER 31

\*\* THIS CHART IS BEING CHANGED TO CONFORM TO THE IDAHO IRRIGATION SEASON WHICH IS APRIL 1 TO NOVEMBER 1. THE OTHER THAN IRRIGATION

## BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING 1950

| 1955    | 1956    | 1957    | 1958    | 1959    | 1960    | 1961    | 1962    | 1963    | 1964    |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 5404    | 6074    | 5402    | 5688    | 5940    | 7288    | 5272    | 5714    | 6050    | 6058    |
| 9022    | 9864    | 9320    | 9420    | 9462    | 9978    | 9470    | 9478    | 8732    | 9790    |
| 19189   | 15016   | 14310   | 14634   | 16522   | 15986   | 13406   | 15856   | 15688   | 22759   |
| 4182    | 4702    | 3672    | 3674    | 3896    | 4178    | 3938    | 4012    | 3622    | 4132    |
| 15394   | 20508   | 17852   | 17140   | 15862   | 16194   | 15214   | 14390   | 17698   | 21572   |
| 6102    | 6234    | 6342    | 6928    | 7894    | 8202    | 8792    | 8748    | 9220    | 9608    |
| 21860   | 25898   | 24178   | 24296   | 24086   | 24120   | 22336   | 25854   | 23610   | 25468   |
| 1876    | 2132    | 1932    | 2044    | 2156    | 2142    | 2156    | 2226    | 1848    | 2240    |
| 6864    | 7352    | 6182    | 5580    | 5926    | 6498    | 6598    | 6666    | 5018    | 4902    |
|         |         |         |         |         |         |         |         |         | 4912    |
| 13672   | 16802   | 17110   | 17792   | 18028   | 18134   | 15946   | 18026   | 16682   | 18104   |
| 9910    | 10024   | 10498   | 12996   | 10896   | 11818   | 7902    | 8416    | 9334    | 9428    |
| 25960   | 29688   | 28278   | 29664   | 31816   | 32144   | 25376   | 30012   | 33494   | 32600   |
| 48161   | 63250   | 52426   | 55554   | 57346   | 59836   | 48362   | 56120   | 56582   | 51239   |
| 10706   | 12564   | 12480   | 12984   | 14792   | 11482   | 10934   | 11214   | 11486   | 12226   |
| 5984    | 6806    | 6006    | 6662    | 7708    | 7758    | 8548    | 8434    | 8422    | 8734    |
| 23701   | 29800   | 29618   | 30399   | 26840   | 27954   | 23780   | 25421   | 25237   | 28819   |
| 18623   | 21580   | 21448   | 22013   | 19436   | 20242   | 17218   | 18409   | 18275   | 20869   |
| 7164    | 8930    | 9324    | 9674    | 9534    | 9596    | 8542    | 9572    | 8832    | 4094    |
| 18204   | 19662   | 18536   | 19808   | 21036   | 21232   | 16916   | 19166   | 22812   | 20398   |
| 4252    | 5304    | 4438    | 5050    | 4964    | 5178    | 4184    | 4830    | 4604    | 4454    |
| 791210  | 979666  | 876992  | 906822  | 866558  | 1002438 | 773106  | 870060  | 832754  | 873496  |
| 2488    | 2332    | 2194    | 2154    | 2214    | 2396    | 2478    | 2544    | 2326    | 1900    |
| 108846  | 117634  | 106828  | 111464  | 118504  | 142170  | 112850  | 116990  | 116202  | 123072  |
| 23952   | 23852   | 20014   | 23602   | 24432   | 24500   | 22264   | 23200   | 22148   | 21798   |
| 166426  | 178580  | 177682  | 168762  | 172700  | 178994  | 144648  | 170984  | 172722  | 174488  |
| 67474   | 66284   | 58990   | 50254   | 48252   | 49968   | 53650   | 56586   | 56954   | 60852   |
|         |         |         |         |         |         |         |         |         | 3544    |
| 106758  | 111420  | 99744   | 104940  | 110006  | 114058  | 91882   | 99322   | 96476   | 97828   |
| 3294    | 3774    | 2124    | 3002    | 3324    | 3738    | 3910    | 4020    | 3932    | 3562    |
| 48292   | 54972   | 47776   | 50362   | 53044   | 55392   | 46046   | 53132   | 51382   | 52754   |
| 8688    | 9352    | 9546    | 9086    | 10176   | 10358   | 10382   | 11190   | 10038   | 10970   |
| 5144    | 5782    | 5952    | 5960    | 6474    | 5814    | 5258    | 6754    | 6752    | 6454    |
|         |         |         |         |         |         |         |         |         | 58      |
| 1608802 | 1875838 | 1707194 | 1748408 | 1729024 | 1909786 | 1541364 | 1717346 | 1678932 | 1753064 |
|         |         |         |         |         |         |         |         |         | 10654   |
|         |         |         |         |         |         |         |         |         | 1290    |
| 103968  | 138968  | 96478   | 105508  | 96046   | 138466  | 37632   | 98062   | 73814   | 31404   |
|         |         |         |         |         |         |         |         |         | 3345    |
| 22198   | 20160   | 17026   | 33088   | 20580   | 00      | 3510    | 3510    | 30152   | 70566   |
| 1734963 | 2034966 | 1820698 | 1887004 | 1845650 | 2048252 | 1582506 | 1818918 | 1782898 | 1864688 |
| 396138  | 469220  | 462564  | 454864  | 458458  | 500232  | 315814  | 382012  | 444236  | 492942  |
| 1338823 | 1565746 | 1358134 | 1432140 | 1387192 | 1548020 | 1266692 | 1436906 | 1338662 | 1371746 |
|         |         |         |         |         |         |         |         |         | 216852  |

JANUARY 1 TO DECEMBER 31

1 TO NOVEMBER 1. THE OTHER THAN IRRIGATION REQUIREMENT WILL BE JANUARY 1 TO DECEMBER 31.

## CHART NO. 7

| 1959    | 1960    | 1961    | 1962    | 1963    | 1964    | 1965    |
|---------|---------|---------|---------|---------|---------|---------|
| 5940    | 7288    | 5272    | 5714    | 6050    | 6058    | 6896    |
| 9462    | 9978    | 9470    | 9478    | 8732    | 9790    | 9878    |
| 6522    | 15986   | 13406   | 15856   | 15688   | 22759   | 15784   |
| 3896    | 4178    | 3938    | 4012    | 3622    | 4132    | 4466    |
| 15862   | 16194   | 15214   | 14390   | 17698   | 21572   | 20870   |
| 7894    | 8202    | 8792    | 8748    | 9220    | 9608    | 12464   |
| 24086   | 24120   | 22336   | 25854   | 23610   | 25468   | 25262   |
| 2156    | 2142    | 2156    | 2226    | 1848    | 2240    | 2282    |
| 5926    | 6498    | 6598    | 6666    | 5018    | 4902    |         |
|         |         |         |         |         | 4912    | 4500    |
| 18028   | 18134   | 15946   | 18026   | 16682   | 18104   | 15434   |
| 10896   | 11818   | 7902    | 8416    | 9334    | 9428    | 9430    |
| 31816   | 32144   | 25376   | 30012   | 33494   | 32600   | 38520   |
| 57346   | 59836   | 48362   | 56120   | 56582   | 51239   | 59824   |
| 14792   | 11482   | 10934   | 11214   | 11486   | 12226   | 13542   |
| 7708    | 7758    | 8548    | 8434    | 8422    | 8734    | 10090   |
| 26840   | 27954   | 23780   | 25421   | 25237   | 28819   | 30517   |
| 19436   | 20242   | 17218   | 18409   | 18275   | 20869   | 22099   |
| 9534    | 9596    | 8542    | 9572    | 8832    | 4094    | 3706    |
| 21036   | 21232   | 16916   | 19166   | 22812   | 20398   | 22066   |
| 4964    | 5178    | 4184    | 4830    | 4604    | 4454    | 4790    |
| 866558  | 1002438 | 773106  | 870060  | 832754  | 873496  | 862358  |
| 2214    | 2396    | 2478    | 2544    | 2326    | 1900    | 2502    |
| 118504  | 142170  | 112850  | 116990  | 116202  | 123072  | 135012  |
| 24432   | 24500   | 22264   | 23200   | 22148   | 21738   | 21154   |
| 172700  | 178994  | 144648  | 170984  | 172722  | 174488  | 177602  |
| 48252   | 49968   | 53650   | 56586   | 56954   | 60852   | 51376   |
|         |         |         |         |         | 3544    | 3472    |
| 110006  | 114058  | 91882   | 99322   | 96476   | 97828   | 96692   |
| 3324    | 3738    | 3910    | 4020    | 3932    | 3562    | 3920    |
| 53044   | 55392   | 46046   | 53132   | 51382   | 52754   | 50852   |
| 10176   | 10358   | 10382   | 11190   | 10038   | 10970   | 10390   |
| 6474    | 5814    | 5258    | 6754    | 6752    | 6454    | 5804    |
| 1729024 | 1909786 | 1541364 | 1717346 | 1678932 | 1753064 | 1753554 |
|         |         |         |         |         | 10654   | 12900   |
| 96046   | 138466  | 97632   | 98062   | 73814   | 31404   | 33454   |
| 20580   | 00      | 3510    | 3510    | 30152   | 70566   | 900841  |
| 1845650 | 2048252 | 1582506 | 1818918 | 1782898 | 1864688 | 2700749 |
| 458458  | 500232  | 315814  | 382012  | 444236  | 492942  | 532222  |
| 1387192 | 1548020 | 1266692 | 1436906 | 1338662 | 1371746 | 2168527 |

TRIBUTARY AND RETURN FLOW TO BO

IRRIGATION SEASON OF 1965

NAME OF TRIBUTARY

APRIL

|                       | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BOISE SEWER           | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 12  | 12  | 12  | 12  | 12  | 12  | 12  | 12  | 12  |
| DAVIS DRAIN           | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   |
| DRAINAGE DISTRICT #3  | 9   | 9   | 9   | 9   | 9   | 9   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   |
| EAGLE DRAIN           | 38  | 39  | 41  | 43  | 45  | 47  | 49  | 51  | 53  | 55  | 57  | 59  | 61  | 63  | 64  | 66  |
| FIVE MILE CREEK       | 40  | 46  | 52  | 57  | 62  | 68  | 74  | 80  | 86  | 92  | 99  | 106 | 113 | 120 | 127 | 134 |
| HARTLEY DRAIN         | 13  | 14  | 15  | 16  | 17  | 18  | 20  | 21  | 22  | 24  | 25  | 26  | 28  | 30  | 31  | 32  |
| HARTLEY GULCH         | 5   | 5   | 6   | 6   | 8   | 8   | 9   | 9   | 10  | 10  | 11  | 11  | 11  | 12  | 12  | 13  |
| INDIAN CREEK          | 150 | 152 | 154 | 156 | 158 | 160 | 162 | 164 | 166 | 168 | 170 | 172 | 174 | 176 | 178 | 180 |
| MASON CREEK           | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 6   | 6   | 6   | 6   | 6   | 6   | 6   | 7   | 7   |
| MASON DRAIN           | 36  | 36  | 39  | 42  | 45  | 49  | 53  | 57  | 61  | 65  | 69  | 73  | 77  | 81  | 85  | 88  |
| NORTH MIDDLETON DRAIN | 18  | 20  | 22  | 25  | 27  | 29  | 31  | 34  | 36  | 38  | 41  | 44  | 47  | 50  | 53  | 56  |
| PHYLLIS WASTE         | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 10  | 10  |
| SOUTH MIDDLETON DRAIN | 38  | 40  | 42  | 44  | 46  | 48  | 50  | 52  | 54  | 57  | 60  | 63  | 66  | 68  | 70  | 72  |
| THURMAN DRAIN         | 18  | 18  | 18  | 18  | 19  | 19  | 19  | 19  | 20  | 20  | 20  | 20  | 21  | 21  | 21  | 21  |
| WILLOW CREEK          | 2   | 5   | 8   | 12  | 15  | 18  | 21  | 24  | 27  | 30  | 33  | 36  | 39  | 42  | 45  | 48  |
| TOTALS                | 395 | 412 | 434 | 456 | 479 | 501 | 524 | 550 | 574 | 598 | 624 | 649 | 676 | 702 | 727 | 751 |

MAY

|                       | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BOISE SEWER           | 13  | 13  | 13  | 13  | 13  | 13  | 13  | 13  | 13  | 13  | 13  | 13  | 14  | 14  | 14  | 14  |
| DAVIS DRAIN           | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
| DRAINAGE DISTRICT #3  | 8   | 8   | 8   | 8   | 9   | 9   | 9   | 10  | 10  | 10  | 10  | 10  | 10  | 11  | 11  | 11  |
| EAGLE DRAIN           | 66  | 66  | 66  | 65  | 65  | 65  | 64  | 64  | 63  | 63  | 64  | 64  | 65  | 65  | 66  | 66  |
| FIVE MILE CREEK       | 173 | 171 | 169 | 166 | 163 | 160 | 156 | 152 | 148 | 144 | 140 | 136 | 146 | 156 | 166 | 176 |
| HARTLEY DRAIN         | 57  | 60  | 63  | 65  | 66  | 67  | 68  | 69  | 70  | 71  | 72  | 73  | 74  | 75  | 76  | 77  |
| HARTLEY GULCH         | 28  | 30  | 31  | 32  | 31  | 30  | 30  | 29  | 28  | 28  | 27  | 26  | 26  | 25  | 24  | 24  |
| INDIAN CREEK          | 157 | 157 | 156 | 156 | 155 | 155 | 154 | 153 | 152 | 152 | 151 | 151 | 159 | 167 | 173 | 183 |
| MASON CREEK           | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 5   | 6   | 7   | 8   |
| MASON DRAIN           | 78  | 78  | 77  | 76  | 76  | 75  | 74  | 74  | 73  | 73  | 72  | 72  | 80  | 88  | 96  | 104 |
| NORTH MIDDLETON DRAIN | 65  | 65  | 64  | 63  | 66  | 68  | 71  | 73  | 76  | 78  | 81  | 84  | 87  | 89  | 91  | 94  |
| PHYLLIS WASTE         | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 12  | 12  | 12  | 12  | 12  | 12  | 11  | 11  | 11  |
| SOUTH MIDDLETON DRAIN | 78  | 78  | 77  | 77  | 80  | 82  | 85  | 88  | 91  | 94  | 96  | 99  | 101 | 103 | 106 | 109 |
| THURMAN DRAIN         | 16  | 16  | 15  | 15  | 14  | 14  | 13  | 13  | 12  | 11  | 10  | 10  | 10  | 10  | 11  | 11  |
| WILLOW CREEK          | 30  | 26  | 22  | 18  | 19  | 20  | 21  | 22  | 23  | 25  | 27  | 29  | 30  | 31  | 32  | 33  |
| TOTALS                | 785 | 784 | 777 | 770 | 774 | 775 | 775 | 778 | 777 | 780 | 781 | 785 | 821 | 853 | 888 | 923 |

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1965

APRIL

C

|  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31 |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
|  | 12  | 12  | 12  | 12  | 12  | 12  | 13  | 13  | 13  | 13  | 13  | 13  | 13  | 13  | 13  | 13  | 13  | 13  | 13  | 13  |    |
|  | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   |    |
|  | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   |    |
|  | 57  | 59  | 61  | 63  | 64  | 66  | 68  | 70  | 72  | 73  | 72  | 71  | 70  | 70  | 69  | 68  | 68  | 67  | 67  | 67  |    |
|  | 99  | 106 | 113 | 120 | 127 | 134 | 141 | 148 | 155 | 163 | 171 | 174 | 177 | 180 | 183 | 185 | 188 | 184 | 180 | 176 |    |
|  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
|  | 25  | 26  | 28  | 30  | 31  | 32  | 34  | 35  | 36  | 37  | 38  | 39  | 41  | 43  | 45  | 47  | 49  | 50  | 52  | 54  |    |
|  | 11  | 11  | 11  | 12  | 12  | 13  | 13  | 13  | 14  | 14  | 15  | 15  | 16  | 18  | 19  | 21  | 22  | 24  | 25  | 26  |    |
|  | 170 | 172 | 174 | 176 | 178 | 180 | 182 | 184 | 186 | 188 | 190 | 185 | 180 | 175 | 170 | 164 | 159 | 159 | 158 | 158 |    |
|  | 6   | 6   | 6   | 6   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 6   | 5   | 4   | 3   | 3   | 3   | 3   | 3   |    |
|  | 69  | 73  | 77  | 81  | 85  | 88  | 91  | 94  | 97  | 100 | 103 | 99  | 95  | 91  | 88  | 84  | 80  | 80  | 79  | 79  |    |
|  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
|  | 41  | 44  | 47  | 50  | 53  | 56  | 59  | 61  | 65  | 68  | 70  | 73  | 72  | 71  | 70  | 69  | 68  | 67  | 66  | 66  |    |
|  | 9   | 9   | 9   | 9   | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 11  |    |
|  | 60  | 63  | 66  | 68  | 70  | 72  | 74  | 76  | 78  | 80  | 82  | 84  | 83  | 82  | 82  | 81  | 80  | 80  | 79  | 79  |    |
|  | 20  | 20  | 20  | 21  | 21  | 21  | 21  | 22  | 22  | 22  | 22  | 21  | 21  | 20  | 20  | 19  | 18  | 18  | 17  | 17  |    |
|  | 33  | 36  | 39  | 42  | 45  | 48  | 51  | 54  | 57  | 60  | 63  | 66  | 62  | 58  | 54  | 50  | 46  | 42  | 38  | 34  |    |
|  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
|  | 624 | 649 | 676 | 702 | 727 | 751 | 776 | 799 | 824 | 847 | 868 | 869 | 858 | 848 | 839 | 826 | 816 | 809 | 799 | 795 |    |

MAY

|     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| 13  | 13  | 13  | 14  | 14  | 14  | 14  | 14  | 14  | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   |
| 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |
| 10  | 10  | 10  | 10  | 11  | 11  | 11  | 11  | 11  | 12   | 12   | 13   | 13   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 12   |
| 63  | 64  | 64  | 65  | 65  | 66  | 66  | 67  | 67  | 68   | 68   | 69   | 69   | 70   | 70   | 71   | 70   | 69   | 68   | 66   | 64   |
| 144 | 140 | 136 | 146 | 156 | 166 | 176 | 186 | 196 | 206  | 216  | 226  | 236  | 246  | 257  | 268  | 261  | 254  | 246  | 238  | 230  |
| 71  | 72  | 73  | 74  | 75  | 76  | 77  | 78  | 79  | 78   | 77   | 76   | 75   | 74   | 73   | 73   | 72   | 71   | 70   | 70   | 69   |
| 28  | 27  | 26  | 26  | 25  | 24  | 24  | 23  | 22  | 22   | 22   | 22   | 23   | 23   | 23   | 23   | 24   | 24   | 24   | 24   | 25   |
| 152 | 151 | 151 | 159 | 167 | 175 | 183 | 191 | 199 | 207  | 215  | 223  | 234  | 242  | 250  | 258  | 266  | 261  | 256  | 251  | 246  |
| 4   | 4   | 4   | 5   | 6   | 7   | 8   | 9   | 9   | 10   | 10   | 11   | 12   | 12   | 13   | 14   | 14   | 14   | 14   | 14   | 14   |
| 73  | 72  | 72  | 80  | 88  | 96  | 104 | 112 | 120 | 128  | 136  | 144  | 152  | 160  | 168  | 174  | 171  | 168  | 165  | 162  | 159  |
| 78  | 81  | 84  | 87  | 89  | 91  | 94  | 96  | 99  | 97   | 95   | 93   | 91   | 89   | 87   | 85   | 82   | 79   | 76   | 73   | 70   |
| 12  | 12  | 12  | 12  | 11  | 11  | 11  | 10  | 10  | 10   | 11   | 11   | 12   | 13   | 13   | 14   | 14   | 13   | 13   | 12   | 11   |
| 94  | 96  | 99  | 101 | 103 | 106 | 109 | 112 | 115 | 115  | 115  | 115  | 115  | 115  | 115  | 115  | 115  | 116  | 116  | 116  | 116  |
| 11  | 10  | 10  | 10  | 10  | 11  | 11  | 11  | 11  | 12   | 12   | 12   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 14   |
| 25  | 27  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 34   | 34   | 34   | 33   | 33   | 33   | 32   | 32   | 32   | 31   | 31   | 30   |
| 780 | 781 | 785 | 821 | 853 | 888 | 923 | 956 | 989 | 1015 | 1039 | 1065 | 1094 | 1120 | 1145 | 1170 | 1164 | 1143 | 1121 | 1099 | 1077 |

RIVER

CHART NO. 8

| 17  | 18  | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | TOTAL |
|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 13  | 13  | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 367   |
| 4   | 4   | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 120   |
| 8   | 8   | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 246   |
| 68  | 70  | 72   | 73   | 72   | 71   | 70   | 70   | 69   | 68   | 68   | 67   | 67   | 67   | 67   | 1803  |
| 141 | 148 | 155  | 163  | 171  | 174  | 177  | 180  | 183  | 185  | 188  | 184  | 180  | 176  |      | 3761  |
| 34  | 35  | 36   | 37   | 38   | 39   | 41   | 43   | 45   | 47   | 49   | 50   | 52   | 54   |      | 952   |
| 13  | 13  | 14   | 14   | 15   | 15   | 16   | 18   | 19   | 21   | 22   | 24   | 25   | 26   |      | 401   |
| 182 | 184 | 186  | 188  | 190  | 185  | 180  | 175  | 170  | 164  | 159  | 159  | 158  | 158  |      | 5078  |
| 7   | 7   | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | 3    | 3    | 3    | 3    |      | 163   |
| 91  | 94  | 97   | 100  | 103  | 99   | 95   | 91   | 88   | 84   | 80   | 80   | 79   | 79   |      | 2216  |
| 59  | 61  | 65   | 68   | 70   | 73   | 72   | 71   | 70   | 69   | 68   | 67   | 66   | 66   |      | 1516  |
| 10  | 10  | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 11   |      | 280   |
| 74  | 76  | 78   | 80   | 82   | 84   | 83   | 82   | 82   | 81   | 80   | 80   | 79   | 79   |      | 1990  |
| 21  | 22  | 22   | 22   | 22   | 21   | 21   | 20   | 20   | 19   | 18   | 18   | 17   | 17   |      | 592   |
| 51  | 54  | 57   | 60   | 63   | 66   | 62   | 58   | 54   | 50   | 46   | 42   | 38   | 34   |      | 1140  |
| 776 | 799 | 824  | 847  | 868  | 869  | 858  | 848  | 839  | 826  | 816  | 809  | 799  | 795  |      | 20625 |
| 14  | 14  | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 422   |
| 2   | 2   | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 62    |
| 11  | 11  | 12   | 12   | 13   | 13   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 12   | 12   | 343   |
| 67  | 67  | 68   | 68   | 69   | 69   | 70   | 70   | 71   | 70   | 69   | 68   | 66   | 64   | 62   | 2055  |
| 186 | 196 | 206  | 216  | 226  | 236  | 246  | 257  | 268  | 261  | 254  | 246  | 238  | 230  | 222  | 6010  |
| 78  | 79  | 78   | 77   | 76   | 75   | 74   | 73   | 73   | 72   | 71   | 70   | 70   | 69   | 69   | 2207  |
| 23  | 22  | 22   | 22   | 22   | 23   | 23   | 23   | 23   | 24   | 24   | 24   | 24   | 25   | 25   | 798   |
| 191 | 199 | 207  | 215  | 223  | 234  | 242  | 250  | 258  | 266  | 261  | 256  | 251  | 246  | 241  | 6073  |
| 9   | 9   | 10   | 10   | 11   | 12   | 12   | 13   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 254   |
| 112 | 120 | 128  | 136  | 144  | 152  | 160  | 168  | 174  | 171  | 168  | 165  | 162  | 159  | 156  | 3541  |
| 96  | 99  | 97   | 95   | 93   | 91   | 89   | 87   | 85   | 82   | 79   | 76   | 73   | 70   | 67   | 2494  |
| 10  | 10  | 10   | 11   | 11   | 12   | 13   | 13   | 14   | 14   | 13   | 13   | 12   | 12   | 11   | 361   |
| 112 | 115 | 115  | 115  | 115  | 115  | 115  | 115  | 115  | 115  | 116  | 116  | 116  | 116  | 116  | 3171  |
| 11  | 11  | 12   | 12   | 12   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 14   | 390   |
| 34  | 35  | 34   | 34   | 34   | 33   | 33   | 33   | 32   | 32   | 32   | 31   | 31   | 31   | 30   | 897   |
| 956 | 989 | 1015 | 1039 | 1065 | 1094 | 1120 | 1145 | 1170 | 1164 | 1143 | 1121 | 1099 | 1077 | 1055 | 29078 |

TRIBUTARY AND RETURN FLOW T

IRRIGATION SEASON OF

JUNE

| NAME OF TRIBUTARY     | 1    | 2    | 3    | 4   | 5   | 6   | 7   | 8   | 9    | 10   | 11   | 12   | 13   | 14   | 15   |
|-----------------------|------|------|------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|
| BOISE SEWER           | 14   | 14   | 15   | 15  | 15  | 15  | 15  | 15  | 15   | 15   | 15   | 15   | 15   | 15   | 15   |
| DAVIS DRAIN           | 2    | 2    | 2    | 2   | 2   | 2   | 2   | 2   | 2    | 2    | 2    | 2    | 2    | 2    | 2    |
| DRAINAGE DISTRICT #3  | 12   | 12   | 13   | 13  | 13  | 14  | 14  | 14  | 15   | 15   | 16   | 16   | 17   | 17   | 17   |
| EAGLE DRAIN           | 60   | 58   | 56   | 55  | 54  | 53  | 52  | 53  | 54   | 55   | 56   | 56   | 57   | 57   | 58   |
| FIVE MILE CREEK       | 214  | 206  | 199  | 192 | 185 | 178 | 171 | 164 | 163  | 162  | 161  | 160  | 159  | 158  | 158  |
| HARTLEY DRAIN         | 68   | 67   | 68   | 69  | 70  | 71  | 72  | 73  | 74   | 76   | 78   | 80   | 81   | 82   | 83   |
| HARTLEY GULCH         | 25   | 25   | 27   | 29  | 31  | 33  | 36  | 39  | 42   | 44   | 46   | 48   | 50   | 52   | 54   |
| INDIAN CREEK          | 236  | 231  | 226  | 221 | 217 | 213 | 209 | 205 | 201  | 203  | 205  | 207  | 210  | 213  | 216  |
| MASON CREEK           | 14   | 13   | 13   | 13  | 13  | 13  | 13  | 13  | 13   | 13   | 12   | 12   | 11   | 11   | 10   |
| MASON DRAIN           | 153  | 150  | 147  | 144 | 141 | 138 | 135 | 132 | 132  | 131  | 131  | 130  | 130  | 129  | 129  |
| NORTH MIDDLETON DRAIN | 65   | 63   | 61   | 65  | 69  | 73  | 77  | 82  | 86   | 91   | 96   | 101  | 106  | 110  | 114  |
| PHYLLIS WASTE         | 11   | 12   | 12   | 13  | 13  | 14  | 14  | 15  | 15   | 14   | 14   | 13   | 13   | 12   | 12   |
| SOUTH MIDDLETON DRAIN | 116  | 116  | 116  | 118 | 121 | 124 | 127 | 131 | 135  | 139  | 142  | 145  | 148  | 151  | 154  |
| THURMAN DRAIN         | 14   | 14   | 14   | 15  | 15  | 15  | 15  | 15  | 15   | 15   | 15   | 15   | 15   | 15   | 15   |
| WILLOW CREEK          | 30   | 30   | 32   | 34  | 36  | 38  | 40  | 42  | 44   | 46   | 48   | 50   | 52   | 54   | 56   |
| TOTALS                | 1034 | 1013 | 1001 | 998 | 995 | 994 | 992 | 995 | 1006 | 1021 | 1037 | 1050 | 1066 | 1078 | 1093 |

JULY

|                       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BOISE SEWER           | 15  | 15  | 15  | 15  | 15  | 15  | 15  | 15  | 15  | 15  | 15  | 16  | 16  | 16  | 16  |
| DAVIS DRAIN           | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
| DRAINAGE DISTRICT #3  | 22  | 22  | 23  | 23  | 23  | 23  | 23  | 23  | 23  | 24  | 24  | 24  | 24  | 24  | 24  |
| EAGLE DRAIN           | 64  | 64  | 64  | 64  | 64  | 64  | 64  | 64  | 64  | 64  | 64  | 64  | 64  | 63  | 63  |
| FIVE MILE CREEK       | 126 | 124 | 122 | 119 | 116 | 113 | 111 | 113 | 115 | 117 | 119 | 121 | 123 | 124 | 126 |
| HARTLEY DRAIN         | 65  | 65  | 64  | 64  | 64  | 63  | 63  | 63  | 62  | 62  | 62  | 61  | 61  | 61  | 62  |
| HARTLEY GULCH         | 26  | 26  | 27  | 27  | 27  | 27  | 28  | 28  | 28  | 28  | 29  | 29  | 29  | 29  | 29  |
| INDIAN CREEK          | 252 | 253 | 254 | 256 | 258 | 260 | 262 | 264 | 268 | 271 | 274 | 277 | 280 | 283 | 286 |
| MASON CREEK           | 7   | 7   | 6   | 6   | 6   | 6   | 6   | 6   | 6   | 6   | 6   | 6   | 6   | 6   | 6   |
| MASON DRAIN           | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 132 | 137 | 142 | 147 | 152 | 156 | 160 | 164 |
| NORTH MIDDLETON DRAIN | 60  | 62  | 64  | 66  | 68  | 70  | 73  | 76  | 78  | 80  | 82  | 84  | 86  | 88  | 86  |
| PHYLLIS WASTE         | 15  | 15  | 15  | 15  | 15  | 15  | 15  | 15  | 15  | 15  | 16  | 16  | 16  | 16  | 16  |
| SOUTH MIDDLETON DRAIN | 136 | 132 | 128 | 124 | 119 | 114 | 109 | 105 | 101 | 97  | 93  | 89  | 85  | 81  | 83  |
| THURMAN DRAIN         | 11  | 11  | 10  | 10  | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 10  | 10  |
| WILLOW CREEK          | 35  | 33  | 31  | 29  | 27  | 25  | 23  | 21  | 19  | 18  | 17  | 16  | 15  | 14  | 16  |
| TOTALS                | 963 | 958 | 952 | 947 | 940 | 933 | 930 | 936 | 942 | 950 | 959 | 966 | 972 | 977 | 989 |

# TRIBUTARY AND RETURN FLOW TO BOISE RIVER

## IRRIGATION SEASON OF 1965

### JUNE

| 10  | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28  | 29  | 30  |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|
| 15  | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15  | 15  | 15  |
| 2   | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2   | 2   | 2   |
| 15  | 16   | 16   | 17   | 17   | 17   | 17   | 17   | 18   | 18   | 18   | 18   | 19   | 19   | 20   | 20   | 21   | 21   | 22  | 22  | 22  |
| 55  | 56   | 56   | 57   | 57   | 58   | 58   | 59   | 60   | 61   | 62   | 63   | 64   | 64   | 64   | 64   | 64   | 64   | 64  | 64  | 64  |
| 162 | 161  | 160  | 159  | 158  | 158  | 157  | 157  | 156  | 155  | 154  | 153  | 152  | 150  | 147  | 144  | 141  | 138  | 135 | 132 | 129 |
| 76  | 78   | 80   | 81   | 82   | 83   | 84   | 82   | 80   | 78   | 77   | 76   | 75   | 74   | 73   | 72   | 71   | 70   | 68  | 66  | 65  |
| 44  | 46   | 48   | 50   | 52   | 54   | 56   | 54   | 52   | 50   | 47   | 44   | 41   | 38   | 35   | 33   | 31   | 29   | 27  | 25  | 26  |
| 203 | 205  | 207  | 210  | 213  | 216  | 219  | 222  | 225  | 228  | 231  | 233  | 235  | 237  | 239  | 241  | 243  | 245  | 247 | 249 | 251 |
| 13  | 12   | 12   | 11   | 11   | 10   | 10   | 9    | 9    | 9    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 7   | 7   | 7   |
| 131 | 131  | 130  | 130  | 129  | 129  | 128  | 128  | 128  | 127  | 127  | 126  | 126  | 126  | 126  | 126  | 126  | 126  | 126 | 126 | 126 |
| 6   | 91   | 96   | 101  | 106  | 110  | 114  | 110  | 106  | 102  | 98   | 94   | 90   | 85   | 80   | 76   | 72   | 68   | 64  | 60  | 56  |
| 5   | 14   | 14   | 13   | 13   | 12   | 12   | 12   | 13   | 13   | 14   | 14   | 14   | 14   | 14   | 14   | 15   | 15   | 15  | 15  | 15  |
| 5   | 139  | 142  | 145  | 148  | 151  | 154  | 153  | 152  | 152  | 151  | 151  | 150  | 150  | 149  | 149  | 148  | 147  | 146 | 145 | 144 |
| 5   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 14   | 14   | 13  | 13  | 12  |
| 14  | 46   | 48   | 50   | 52   | 54   | 56   | 58   | 57   | 56   | 55   | 54   | 52   | 50   | 48   | 46   | 44   | 42   | 40  | 39  | 38  |
| 06  | 1021 | 1037 | 1050 | 1066 | 1078 | 1093 | 1094 | 1087 | 1083 | 1075 | 1069 | 1059 | 1051 | 1039 | 1029 | 1017 | 1008 | 996 | 985 | 973 |

### JULY

| 15  | 15  | 15  | 16  | 16  | 16  | 16  | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   |
|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |
| 23  | 24  | 24  | 24  | 24  | 24  | 24  | 25   | 25   | 25   | 25   | 25   | 24   | 24   | 23   | 23   | 22   | 22   | 22   | 22   | 23   |
| 64  | 64  | 64  | 64  | 64  | 63  | 63  | 63   | 63   | 63   | 63   | 63   | 62   | 62   | 61   | 61   | 60   | 60   | 59   | 59   | 58   |
| 115 | 117 | 119 | 121 | 123 | 124 | 126 | 128  | 130  | 132  | 134  | 136  | 135  | 134  | 133  | 132  | 130  | 130  | 129  | 129  | 128  |
| 62  | 62  | 62  | 61  | 61  | 61  | 62  | 63   | 64   | 65   | 66   | 68   | 70   | 72   | 74   | 75   | 76   | 78   | 79   | 78   | 77   |
| 28  | 28  | 29  | 29  | 29  | 29  | 29  | 29   | 29   | 29   | 28   | 28   | 28   | 28   | 27   | 27   | 27   | 27   | 26   | 26   | 25   |
| 268 | 271 | 274 | 277 | 280 | 283 | 286 | 289  | 293  | 297  | 301  | 305  | 309  | 304  | 299  | 293  | 287  | 281  | 275  | 269  | 263  |
| 6   | 6   | 6   | 6   | 6   | 6   | 6   | 6    | 6    | 6    | 6    | 6    | 6    | 7    | 7    | 8    | 8    | 9    | 9    | 10   | 11   |
| 137 | 142 | 147 | 152 | 156 | 160 | 164 | 168  | 172  | 177  | 182  | 187  | 189  | 190  | 192  | 194  | 196  | 198  | 200  | 202  | 206  |
| 78  | 80  | 82  | 84  | 86  | 88  | 86  | 84   | 82   | 80   | 78   | 76   | 73   | 70   | 68   | 66   | 64   | 62   | 60   | 59   | 57   |
| 15  | 15  | 16  | 16  | 16  | 16  | 16  | 16   | 16   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   |
| 101 | 97  | 93  | 89  | 85  | 81  | 83  | 85   | 87   | 88   | 89   | 90   | 91   | 92   | 94   | 96   | 98   | 100  | 102  | 101  | 99   |
| 9   | 9   | 9   | 9   | 9   | 10  | 10  | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 11   | 11   | 11   | 11   | 12   |
| 19  | 18  | 17  | 16  | 15  | 14  | 16  | 18   | 20   | 24   | 27   | 30   | 33   | 35   | 37   | 39   | 41   | 43   | 45   | 43   | 39   |
| 942 | 950 | 959 | 966 | 972 | 977 | 989 | 1002 | 1015 | 1029 | 1042 | 1057 | 1063 | 1061 | 1058 | 1057 | 1053 | 1054 | 1050 | 1042 | 1033 |

TO BOISE RIVER

1965

CHART NO. 8

|    | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | TOTAL |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 5  | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   |      | 448   |
| 2  | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |      | 60    |
| 7  | 17   | 17   | 18   | 18   | 18   | 18   | 19   | 19   | 20   | 20   | 21   | 21   | 22   | 22   | 22   |      | 510   |
| 8  | 58   | 59   | 60   | 61   | 62   | 63   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   |      | 1773  |
| 8  | 157  | 157  | 156  | 155  | 154  | 153  | 152  | 150  | 147  | 144  | 141  | 138  | 135  | 132  | 129  |      | 4830  |
| 3  | 84   | 82   | 80   | 78   | 77   | 76   | 75   | 74   | 73   | 72   | 71   | 70   | 68   | 66   | 65   |      | 2223  |
| 4  | 56   | 54   | 52   | 50   | 47   | 44   | 41   | 38   | 35   | 33   | 31   | 29   | 27   | 25   | 26   |      | 1169  |
| 6  | 219  | 222  | 225  | 228  | 231  | 233  | 235  | 237  | 239  | 241  | 243  | 245  | 247  | 249  | 251  |      | 6758  |
| 0  | 10   | 9    | 9    | 9    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 7    | 7    | 7    |      | 309   |
| 9  | 128  | 128  | 128  | 127  | 127  | 126  | 126  | 126  | 126  | 126  | 126  | 126  | 126  | 126  | 126  |      | 3950  |
| 4  | 110  | 106  | 102  | 98   | 94   | 90   | 85   | 80   | 76   | 72   | 68   | 64   | 60   | 56   | 58   |      | 2478  |
| 2  | 12   | 12   | 13   | 13   | 14   | 14   | 14   | 14   | 14   | 14   | 15   | 15   | 15   | 15   | 15   |      | 406   |
| 54 | 153  | 152  | 152  | 151  | 151  | 150  | 150  | 149  | 149  | 148  | 147  | 146  | 145  | 144  | 140  |      | 4210  |
| 15 | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 14   | 14   | 13   | 13   | 12   | 12   |      | 435   |
| 56 | 58   | 57   | 56   | 55   | 54   | 52   | 50   | 48   | 46   | 44   | 42   | 40   | 39   | 38   | 37   |      | 1348  |
| 93 | 1094 | 1087 | 1083 | 1075 | 1069 | 1059 | 1051 | 1039 | 1029 | 1017 | 1008 | 996  | 985  | 973  | 969  |      | 30907 |
| 16 | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   |      | 485   |
| 2  | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |      | 62    |
| 24 | 25   | 25   | 25   | 25   | 25   | 24   | 24   | 23   | 23   | 22   | 22   | 22   | 22   | 23   | 23   | 24   | 726   |
| 63 | 63   | 63   | 63   | 63   | 63   | 62   | 62   | 61   | 61   | 60   | 60   | 59   | 59   | 58   | 58   | 57   | 1930  |
| 26 | 128  | 130  | 132  | 134  | 136  | 135  | 134  | 133  | 132  | 130  | 130  | 129  | 129  | 128  | 127  | 126  | 3882  |
| 62 | 63   | 64   | 65   | 66   | 68   | 70   | 72   | 74   | 75   | 76   | 78   | 79   | 78   | 78   | 77   | 77   | 2102  |
| 29 | 29   | 29   | 29   | 28   | 28   | 28   | 28   | 27   | 27   | 27   | 27   | 26   | 26   | 26   | 25   | 25   | 852   |
| 86 | 289  | 293  | 297  | 301  | 305  | 309  | 304  | 299  | 293  | 287  | 281  | 275  | 269  | 263  | 256  | 251  | 8570  |
| 6  | 6    | 6    | 6    | 6    | 6    | 6    | 7    | 7    | 8    | 8    | 9    | 9    | 10   | 10   | 11   | 11   | 218   |
| 54 | 168  | 172  | 177  | 182  | 187  | 189  | 190  | 192  | 194  | 196  | 198  | 200  | 202  | 204  | 206  | 208  | 5144  |
| 36 | 84   | 82   | 80   | 78   | 76   | 73   | 70   | 68   | 66   | 64   | 62   | 60   | 59   | 58   | 57   | 56   | 2216  |
| 16 | 16   | 16   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 472   |
| 13 | 85   | 87   | 88   | 89   | 90   | 91   | 92   | 94   | 96   | 98   | 100  | 102  | 101  | 100  | 99   | 98   | 3106  |
| 0  | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 312   |
| 6  | 18   | 20   | 24   | 27   | 30   | 33   | 35   | 37   | 39   | 41   | 43   | 45   | 43   | 41   | 39   | 37   | 891   |
| 9  | 1002 | 1015 | 1029 | 1042 | 1057 | 1063 | 1061 | 1058 | 1057 | 1053 | 1054 | 1050 | 1042 | 1033 | 1023 | 1013 | 30968 |

TRIBUTARY AND RETURN FLOW

IRRIGATION SEASON OF

AUGUST

| NAME OF TRIBUTARY     | 1    | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14   | 15   |
|-----------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| BOISE SEWER           | 16   | 16  | 16  | 16  | 16  | 16  | 16  | 16  | 16  | 16  | 16  | 16  | 16  | 16   | 16   |
| DAVIS DRAIN           | 2    | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2    |
| DRAINAGE DISTRICT #3  | 24   | 24  | 24  | 24  | 24  | 24  | 24  | 24  | 24  | 24  | 24  | 24  | 25  | 25   | 25   |
| EAGLE DRAIN           | 57   | 56  | 56  | 56  | 56  | 57  | 57  | 57  | 57  | 58  | 58  | 58  | 58  | 59   | 59   |
| FIVE MILE CREEK       | 125  | 124 | 124 | 126 | 128 | 130 | 132 | 134 | 136 | 138 | 140 | 143 | 145 | 148  | 150  |
| HARTLEY DRAIN         | 76   | 76  | 75  | 75  | 74  | 74  | 73  | 73  | 72  | 72  | 71  | 71  | 71  | 70   | 70   |
| HARTLEY GULCH         | 25   | 24  | 24  | 24  | 23  | 23  | 23  | 22  | 22  | 22  | 23  | 23  | 23  | 24   | 24   |
| INDIAN CREEK          | 246  | 241 | 236 | 231 | 234 | 237 | 240 | 243 | 246 | 249 | 252 | 256 | 259 | 262  | 265  |
| MASON CREEK           | 12   | 12  | 13  | 12  | 12  | 11  | 11  | 10  | 10  | 9   | 9   | 8   | 8   | 7    | 6    |
| MASON DRAIN           | 210  | 212 | 214 | 213 | 212 | 211 | 210 | 208 | 206 | 204 | 200 | 198 | 197 | 196  | 195  |
| NORTH MIDDLETON DRAIN | 55   | 54  | 53  | 52  | 50  | 48  | 46  | 45  | 44  | 43  | 44  | 44  | 45  | 45   | 46   |
| PHYLLIS WASTE         | 15   | 15  | 15  | 15  | 15  | 15  | 16  | 16  | 16  | 16  | 15  | 14  | 14  | 13   | 12   |
| SOUTH MIDDLETON DRAIN | 97   | 96  | 95  | 93  | 92  | 91  | 90  | 89  | 88  | 87  | 90  | 93  | 97  | 101  | 105  |
| THURMAN DRAIN         | 12   | 12  | 13  | 13  | 13  | 14  | 14  | 14  | 15  | 15  | 15  | 16  | 16  | 16   | 17   |
| WILLOW CREEK          | 35   | 32  | 29  | 27  | 25  | 23  | 21  | 19  | 17  | 15  | 16  | 17  | 18  | 19   | 20   |
| TOTALS                | 1007 | 996 | 989 | 979 | 976 | 976 | 975 | 972 | 971 | 970 | 975 | 983 | 994 | 1003 | 1012 |

SEPTEMBER

|                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| BOISE SEWER           | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 15   | 15   | 15   | 15   | 15   | 15   | 15   |
| DAVIS DRAIN           | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |
| DRAINAGE DISTRICT #3  | 24   | 23   | 23   | 22   | 22   | 21   | 21   | 21   | 21   | 21   | 20   | 20   | 20   | 21   | 22   |
| EAGLE DRAIN           | 53   | 53   | 53   | 53   | 53   | 54   | 54   | 54   | 54   | 55   | 55   | 55   | 55   | 54   | 54   |
| FIVE MILE CREEK       | 137  | 144  | 151  | 156  | 162  | 169  | 176  | 183  | 176  | 169  | 162  | 156  | 150  | 144  | 137  |
| HARTLEY DRAIN         | 60   | 59   | 58   | 57   | 56   | 55   | 54   | 53   | 52   | 51   | 50   | 49   | 48   | 47   | 48   |
| HARTLEY GULCH         | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 26   |
| INDIAN CREEK          | 262  | 264  | 266  | 268  | 269  | 270  | 272  | 274  | 276  | 278  | 280  | 282  | 284  | 286  | 286  |
| MASON CREEK           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| MASON DRAIN           | 172  | 177  | 182  | 187  | 192  | 197  | 202  | 207  | 206  | 205  | 203  | 202  | 201  | 199  | 195  |
| NORTH MIDDLETON DRAIN | 51   | 51   | 51   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 51   |
| PHYLLIS WASTE         | 13   | 13   | 13   | 13   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 12   | 12   | 12   | 11   |
| SOUTH MIDDLETON DRAIN | 139  | 139  | 139  | 139  | 140  | 140  | 140  | 140  | 141  | 141  | 141  | 142  | 142  | 142  | 141  |
| THURMAN DRAIN         | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   |
| WILLOW CREEK          | 32   | 32   | 32   | 32   | 32   | 32   | 32   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 30   |
| TOTALS                | 1002 | 1014 | 1027 | 1036 | 1049 | 1061 | 1074 | 1085 | 1077 | 1071 | 1062 | 1056 | 1050 | 1043 | 1033 |

# TRIBUTARY AND RETURN FLOW TO BOISE RIVER

## IRRIGATION SEASON OF 1965

### AUGUST

| 10  | 11  | 12  | 13  | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30  |
|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| 16  | 16  | 16  | 16  | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 15   | 15   | 15   | 15  |
| 2   | 2   | 2   | 2   | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2   |
| 24  | 24  | 24  | 25  | 25   | 25   | 25   | 25   | 26   | 26   | 26   | 27   | 27   | 27   | 27   | 26   | 26   | 26   | 25   | 25   | 25  |
| 58  | 58  | 58  | 58  | 59   | 59   | 59   | 59   | 58   | 58   | 57   | 57   | 56   | 56   | 55   | 55   | 54   | 54   | 53   | 53   | 52  |
| 138 | 140 | 143 | 145 | 148  | 150  | 152  | 154  | 152  | 150  | 148  | 146  | 145  | 144  | 143  | 142  | 140  | 138  | 136  | 134  | 132 |
| 72  | 71  | 71  | 71  | 70   | 70   | 70   | 69   | 69   | 69   | 69   | 68   | 68   | 68   | 68   | 67   | 66   | 65   | 64   | 63   | 62  |
| 22  | 23  | 23  | 23  | 24   | 24   | 25   | 25   | 25   | 26   | 26   | 26   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27  |
| 249 | 252 | 256 | 259 | 262  | 265  | 268  | 271  | 274  | 273  | 272  | 271  | 270  | 269  | 268  | 268  | 267  | 267  | 266  | 265  | 264 |
| 9   | 9   | 8   | 8   | 7    | 6    | 5    | 4    | 3    | 3    | 3    | 2    | 2    | 2    | 1    | 1    | 1    | 0    | 0    | 0    | 0   |
| 204 | 200 | 198 | 197 | 196  | 195  | 194  | 193  | 191  | 189  | 187  | 185  | 183  | 181  | 180  | 179  | 177  | 175  | 173  | 171  | 169 |
| 43  | 44  | 44  | 45  | 45   | 46   | 46   | 47   | 48   | 49   | 49   | 50   | 50   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51  |
| 16  | 15  | 14  | 14  | 13   | 12   | 11   | 10   | 10   | 11   | 11   | 11   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12  |
| 87  | 90  | 93  | 97  | 101  | 105  | 109  | 113  | 117  | 121  | 124  | 127  | 130  | 133  | 136  | 137  | 137  | 137  | 138  | 138  | 138 |
| 15  | 15  | 16  | 16  | 16   | 17   | 17   | 17   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 15   | 15   | 15   | 15   | 15   | 15  |
| 15  | 16  | 17  | 18  | 19   | 20   | 22   | 24   | 26   | 28   | 30   | 31   | 32   | 33   | 34   | 33   | 33   | 33   | 33   | 33   | 33  |
| 970 | 975 | 983 | 994 | 1003 | 1012 | 1021 | 1029 | 1033 | 1037 | 1036 | 1035 | 1036 | 1037 | 1036 | 1031 | 1024 | 1017 | 1010 | 1004 | 997 |

### SEPTEMBER

|      |      |      |      |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |
|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15  | 15  | 15  | 15  | 15  | 15  | 15  | 15  | 15  | 15  | 15  | 15  |
| 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
| 21   | 20   | 20   | 20   | 21   | 21   | 22   | 22   | 23   | 23  | 23  | 24  | 24  | 24  | 25  | 25  | 26  | 26  | 25  | 25  | 24  |
| 55   | 55   | 55   | 55   | 54   | 54   | 54   | 53   | 53   | 53  | 52  | 52  | 51  | 51  | 51  | 50  | 50  | 50  | 51  | 51  | 52  |
| 169  | 162  | 156  | 150  | 144  | 137  | 131  | 125  | 119  | 113 | 106 | 99  | 92  | 85  | 78  | 71  | 64  | 57  | 50  | 43  | 43  |
| 51   | 50   | 49   | 48   | 47   | 48   | 48   | 48   | 49   | 49  | 50  | 50  | 51  | 51  | 52  | 52  | 52  | 53  | 53  | 53  | 52  |
| 27   | 27   | 27   | 27   | 27   | 26   | 26   | 25   | 24   | 24  | 23  | 22  | 21  | 21  | 20  | 19  | 19  | 18  | 17  | 17  | 18  |
| 278  | 280  | 282  | 284  | 286  | 287  | 286  | 284  | 282  | 280 | 278 | 276 | 274 | 272 | 270 | 268 | 266 | 264 | 262 | 260 | 258 |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 205  | 203  | 202  | 201  | 199  | 197  | 195  | 193  | 191  | 189 | 187 | 185 | 183 | 182 | 180 | 179 | 178 | 176 | 175 | 174 | 175 |
| 50   | 50   | 50   | 50   | 50   | 51   | 51   | 52   | 52   | 53  | 53  | 54  | 55  | 56  | 57  | 57  | 58  | 58  | 59  | 59  | 57  |
| 13   | 13   | 12   | 12   | 12   | 11   | 11   | 11   | 11   | 11  | 11  | 11  | 11  | 11  | 10  | 10  | 10  | 10  | 10  | 10  | 10  |
| 141  | 141  | 142  | 142  | 142  | 141  | 140  | 139  | 138  | 137 | 136 | 135 | 134 | 133 | 132 | 131 | 130 | 129 | 128 | 127 | 128 |
| 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13  | 13  | 14  | 14  | 14  | 14  | 14  | 14  | 14  | 15  | 15  | 15  |
| 31   | 31   | 31   | 31   | 31   | 30   | 30   | 29   | 29   | 28  | 28  | 28  | 27  | 27  | 26  | 26  | 25  | 25  | 24  | 24  | 23  |
| 1071 | 1062 | 1056 | 1050 | 1043 | 1033 | 1024 | 1011 | 1001 | 990 | 977 | 967 | 954 | 943 | 932 | 919 | 909 | 897 | 886 | 875 | 872 |

CHART NO. 8

|  | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30  | 31  | TOTAL |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-------|
|  | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 15   | 15   | 15   | 15  | 15  | 491   |
|  | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2   | 2   | 62    |
|  | 25   | 26   | 26   | 26   | 27   | 27   | 27   | 27   | 26   | 26   | 26   | 25   | 25   | 25  | 24  | 776   |
|  | 59   | 58   | 58   | 57   | 57   | 56   | 56   | 55   | 55   | 54   | 54   | 53   | 53   | 52  | 52  | 1747  |
|  | 154  | 152  | 150  | 148  | 146  | 145  | 144  | 143  | 142  | 140  | 138  | 136  | 134  | 132 | 130 | 4309  |
|  | 69   | 69   | 69   | 69   | 68   | 68   | 68   | 68   | 67   | 66   | 65   | 64   | 63   | 62  | 61  | 2159  |
|  | 25   | 25   | 26   | 26   | 26   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27  | 27  | 772   |
|  | 271  | 274  | 273  | 272  | 271  | 270  | 269  | 268  | 268  | 267  | 267  | 266  | 265  | 264 | 263 | 7993  |
|  | 4    | 3    | 3    | 3    | 2    | 2    | 2    | 1    | 1    | 1    | 0    | 0    | 0    | 0   | 0   | 177   |
|  | 193  | 191  | 189  | 187  | 185  | 183  | 181  | 180  | 179  | 177  | 175  | 173  | 171  | 169 | 167 | 5980  |
|  | 47   | 48   | 49   | 49   | 50   | 50   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51  | 51  | 1512  |
|  | 10   | 10   | 11   | 11   | 11   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12  | 12  | 406   |
|  | 113  | 117  | 121  | 124  | 127  | 130  | 133  | 136  | 137  | 137  | 137  | 138  | 138  | 138 | 138 | 3477  |
|  | 17   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 15   | 15   | 15   | 15   | 15   | 15  | 15  | 466   |
|  | 24   | 26   | 28   | 30   | 31   | 32   | 33   | 34   | 33   | 33   | 33   | 33   | 33   | 33  | 33  | 824   |
|  | 1029 | 1033 | 1037 | 1036 | 1035 | 1036 | 1037 | 1036 | 1031 | 1024 | 1017 | 1010 | 1004 | 997 | 990 | 31151 |
|  | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15  | 15  | 458   |
|  | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2   | 2   | 60    |
|  | 22   | 22   | 23   | 23   | 23   | 24   | 24   | 24   | 25   | 25   | 26   | 26   | 25   | 25  | 24  | 682   |
|  | 54   | 53   | 53   | 53   | 52   | 52   | 51   | 51   | 51   | 50   | 50   | 50   | 51   | 51  | 52  | 1583  |
|  | 131  | 125  | 119  | 113  | 106  | 99   | 92   | 85   | 78   | 71   | 64   | 57   | 50   | 43  | 43  | 3648  |
|  | 48   | 48   | 49   | 49   | 50   | 50   | 51   | 51   | 52   | 52   | 52   | 53   | 53   | 53  | 52  | 1560  |
|  | 26   | 25   | 24   | 24   | 23   | 22   | 21   | 21   | 20   | 19   | 19   | 18   | 17   | 17  | 18  | 718   |
|  | 286  | 284  | 282  | 280  | 278  | 276  | 274  | 272  | 270  | 268  | 266  | 264  | 262  | 260 | 258 | 8198  |
|  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0   | 0   | 0     |
|  | 195  | 193  | 191  | 189  | 187  | 185  | 183  | 182  | 180  | 179  | 178  | 176  | 175  | 174 | 175 | 5671  |
|  | 51   | 52   | 52   | 53   | 53   | 54   | 55   | 56   | 57   | 57   | 58   | 58   | 59   | 59  | 57  | 1585  |
|  | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 10   | 10   | 10   | 10   | 10   | 10   | 10  | 10  | 351   |
|  | 140  | 139  | 138  | 137  | 136  | 135  | 134  | 133  | 132  | 131  | 130  | 129  | 128  | 127 | 128 | 4103  |
|  | 13   | 13   | 13   | 13   | 13   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 15   | 15  | 15  | 410   |
|  | 30   | 29   | 29   | 28   | 28   | 28   | 27   | 27   | 26   | 26   | 25   | 25   | 24   | 24  | 23  | 870   |
|  | 1024 | 1011 | 1001 | 990  | 977  | 967  | 954  | 943  | 932  | 919  | 909  | 897  | 886  | 875 | 872 | 29897 |

TRIBUTARY AND RETURN FLOW TO

IRRIGATION SEASON OF 19

OCTOBER

| NAME OF TRIBUTARY     | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BOISE SEWER           | 15  | 15  | 15  | 15  | 15  | 15  | 14  | 14  | 14  | 14  | 14  | 14  | 14  | 14  | 14  |
| DAVIS DRAIN           | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
| DRAINAGE DISTRICT #3  | 23  | 22  | 22  | 21  | 21  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  |
| EAGLE DRAIN           | 53  | 53  | 54  | 55  | 55  | 56  | 56  | 57  | 57  | 58  | 59  | 59  | 59  | 59  | 59  |
| FIVE MILE CREEK       | 42  | 42  | 41  | 40  | 40  | 39  | 38  | 38  | 37  | 36  | 36  | 36  | 36  | 36  | 36  |
| HARTLEY DRAIN         | 52  | 51  | 50  | 50  | 49  | 48  | 48  | 47  | 46  | 46  | 45  | 45  | 45  | 45  | 45  |
| HARTLEY GULCH         | 18  | 18  | 18  | 19  | 19  | 19  | 19  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  |
| INDIAN CREEK          | 263 | 268 | 273 | 278 | 283 | 289 | 294 | 299 | 304 | 309 | 314 | 314 | 314 | 314 | 314 |
| MASON CREEK           | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| MASON DRAIN           | 177 | 178 | 180 | 181 | 183 | 184 | 186 | 187 | 189 | 190 | 192 | 192 | 192 | 192 | 192 |
| NORTH MIDDLETON DRAIN | 55  | 54  | 53  | 52  | 51  | 50  | 48  | 46  | 44  | 42  | 40  | 40  | 40  | 40  | 40  |
| PHYLLIS WASTE         | 10  | 10  | 10  | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 9   |
| SOUTH MIDDLETON DRAIN | 128 | 129 | 129 | 130 | 130 | 131 | 131 | 132 | 132 | 133 | 133 | 133 | 133 | 133 | 133 |
| THURMAN DRAIN         | 15  | 15  | 16  | 16  | 16  | 16  | 17  | 17  | 17  | 17  | 17  | 17  | 17  | 17  | 17  |
| WILLOW CREEK          | 23  | 23  | 23  | 23  | 23  | 22  | 22  | 22  | 22  | 22  | 22  | 22  | 22  | 22  | 22  |
| TOTALS                | 876 | 880 | 886 | 891 | 896 | 900 | 904 | 910 | 913 | 918 | 923 | 923 | 923 | 923 | 923 |

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

## IRRIGATION SEASON OF 1965

## OCTOBER

[illegible]

F 1065  
F 1065

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
| 18 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|

30

309

849

573

712

290

4430

0

2795

695

138

1970

247

335

13589

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

CHART NO. 9

CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)

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

IRRIGATION SEASON 1965

|                              | APRIL  | MAY    | JUNE   | JULY   | AUGUST | SEPTEMBER | OCTOBER | TOTALS  |
|------------------------------|--------|--------|--------|--------|--------|-----------|---------|---------|
| BOISE RIVER AT DIVERSION DAM | 422260 | 659504 | 487182 | 368488 | 263210 | 191324    | 38508   | 2430476 |
| DELIVERIES TO CANALS         | 473248 | 707618 | 570370 | 450738 | 357404 | 277152    | 126168  | 2962698 |
| TRIBUTARY GAIN               | 41250  | 58156  | 61814  | 61936  | 62302  | 59794     | 27178   | 372430  |
| SEEPAGE GAIN                 | 9738   | -10042 | 21374  | 20314  | 31892  | 26034     | 60482   | 159792  |
| NET GAIN                     | 50988  | 48114  | 83188  | 82250  | 94194  | 85828     | 87660   | 532222  |

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

|                              |      |       |      |      |      |      |      |
|------------------------------|------|-------|------|------|------|------|------|
| BOISE RIVER AT DIVERSION DAM | 7038 | 10637 | 8120 | 5943 | 4245 | 3189 | 1284 |
| DELIVERIES TO CANALS         | 7887 | 11413 | 9506 | 7270 | 5765 | 4619 | 4206 |
| TRIBUTARY GAIN               | 688  | 938   | 1030 | 999  | 1005 | 996  | 906  |
| SEEPAGE GAIN                 | 161  | -162  | 356  | 328  | 515  | 434  | 2016 |
| NET GAIN                     | 849  | 776   | 1386 | 1327 | 1520 | 1430 | 2922 |

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

CHART NO. 10

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

SECTION 1

1965

|                              | JULY   | AUGUST | SEPTEMBER | OCTOBER | TOTAL  |
|------------------------------|--------|--------|-----------|---------|--------|
| BOISE RIVER AT DIVERSION DAM | 368488 | 263210 | 191324    | 38508   | 861530 |
| X DELIVERIES TO CANALS       | 375606 | 270544 | 198620    | 82058   | 926828 |
| TRIBUTARY GAIN               | 7030   | 7084   | 6386      | 3302    | 23802  |
| SEEPAGE GAIN                 | 88     | 250    | 910       | 40248   | 41496  |
| NET GAIN                     | 7118   | 7334   | 7296      | 43550   | 65298  |

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

|                              |      |      |      |      |
|------------------------------|------|------|------|------|
| BOISE RIVER AT DIVERSION DAM | 5943 | 4245 | 3189 | 1284 |
| X DELIVERIES TO CANALS       | 6058 | 4363 | 3310 | 2736 |
| TRIBUTARY GAIN               | 113  | 114  | 106  | 110  |
| SEEPAGE GAIN                 | 2    | 4    | 15   | 1342 |
| NET GAIN                     | 115  | 118  | 121  | 1452 |

X INCLUDES BOISE RIVER PASSING CALDWELL HIGH LINE

SUMMARY TABLE SHOWING BOISE RIVER AT CALDWELL HIGH LINE

CHART NO. 11

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

SECTION 2

1965

|                                   | JULY   | AUGUST | SEPTEMBER | OCTOBER | TOTAL  |
|-----------------------------------|--------|--------|-----------|---------|--------|
| BOISE RIVER AT CALDWELL HIGH LINE | 82140  | 11400  | 24440     | 15000   | 132980 |
| X DELIVERIES TO CANALS            | 157272 | 98260  | 102972    | 59110   | 417614 |
| TRIBUTARY GAIN                    | 54906  | 55218  | 53408     | 23876   | 187408 |
| SEEPAGE GAIN                      | 20226  | 31642  | 25124     | 20234   | 97226  |
| NET GAIN                          | 75132  | 86860  | 78532     | 44110   | 284634 |

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

CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

SECTION 2

|                                   |      |      |      |      |
|-----------------------------------|------|------|------|------|
| BOISE RIVER AT CALDWELL HIGH LINE | 132  | 184  | 407  | 500  |
| X DELIVERIES TO CANALS            | 2537 | 1585 | 1716 | 1970 |
| TRIBUTARY GAIN                    | 886  | 891  | 890  | 796  |
| SEEPAGE GAIN                      | 326  | 511  | 419  | 674  |
| NET GAIN                          | 1212 | 1402 | 1309 | 1470 |

X INCLUDES BOISE RIVER AT NOTUS

## BOISE VALLEY CANALS AND ACREAGE

CHART NO. 12

|                                |             |                                        |               |
|--------------------------------|-------------|----------------------------------------|---------------|
| ANDREWS. . . . .               | 1,068 ACRES | LOWER CENTER POINT . . . . .           | 880 ACRES     |
| BALLANTINE . . . . .           | 763 "       | MAMMON . . . . .                       | 538 "         |
| BOISE CITY . . . . .           | 1,828 "     | MANVILLE-LEONARD . . . . .             | 159 "         |
| BOISE VALLEY . . . . .         | 2,729 "     | MEEVES . . . . .                       | 90 "          |
| BOONE. . . . .                 | 517 "       | MIDDLETON MILL . . . . .               | 4,400 "       |
| BOWMAN & SWISHER . . . . .     | 424 "       | MIDDLETON WATER. . . . .               | 5,180 "       |
| BUBB (SOUTH BOISE) . . . . .   | 1,057 "     | MISCELLANEOUS. . . . .                 | 395 "         |
| *CALDWELL HIGH LINE . . . . .  | 13,960 "    | NEW DRY CREEK. . . . .                 | 3,059 "       |
| CAMPBELL . . . . .             | 802 "       | NEW UNION. . . . .                     | 688 "         |
| CANYON COUNTY. . . . .         | 4,007 "     | NEW YORK                               |               |
| CAPITOL VIEW . . . . .         | 600 "       | BIG BEND IRRIG. DIST . . . . .         | 1,724 "       |
| DAVIS & LITTLE DAVIS . . . . . | 634 "       | BOISE-KUNA IRRIG. DIST . . . . .       | 48,660 "      |
| EAGLE ISLAND CANALS            |             | NAMPA & MERIDIAN IRRIG. DIST . . . . . | 40,265 "      |
| CATLIN & MACE. . . . .         | 496 "       | NEW YORK IRRIG. DIST . . . . .         | 17,826 "      |
| CONWAY & HAMMING . . . . .     | 259 "       | WILDER IRRIG. DIST . . . . .           | 56,580 "      |
| GRAHAM & GILBERT . . . . .     | 220 "       | TOTAL - BOARD OF CONTROL . . . . .     | 165,055 ACRES |
| HART & DAVIS . . . . .         | 453 "       | PARMA DITCH CO . . . . .               | 602 "         |
| JOPLIN. . . . .                | 94 "        | PENITENTIARY . . . . .                 | 112 "         |
| LEMP DITCH. . . . .            | 300 "       | PIONEER IRRIG. DIST. . . . .           | 24,362 "      |
| MACE & MACE. . . . .           | 80 "        | PIONEER DIXIE. . . . .                 | 2,030 "       |
| SEVEN SUCKERS. . . . .         | 58 "        | RIDENBAUGH. . . . .                    | 26,747 "      |
| THOS. AIKEN. . . . .           | 236 "       | RIVERSIDE IRRIG. DIST. . . . .         | 10,645 "      |
| EUREKA WATER CO. . . . .       | 1,800 "     | ROSSI MILL . . . . .                   | 500 "         |
| EUREKA DITCH CO. . . . .       | 2,625 "     | SEBREE. . . . .                        | 15,500 "      |
| FARMERS UNION. . . . .         | 8,300 "     | SETTLERS . . . . .                     | 12,282 "      |
| HAAS . . . . .                 | 750 "       | SIEBENBERG . . . . .                   | 646 "         |
| ISLAND HIGH LINE . . . . .     | 945 "       | THURMAN MILL . . . . .                 | 1,799 "       |
| LARSON, BAXTER, LEMP . . . . . | 200 "       | UPPER CENTER POINT . . . . .           | 641 "         |
| LITTLE PIONEER . . . . .       | 1,286 "     | WARM SPRINGS . . . . .                 | 441 "         |
|                                |             | TOTAL . . . . .                        | 322,792 ACRES |

DRAINAGE WATER (NOT DIVERTED FROM BOISE RIVER)

|                                            |             |
|--------------------------------------------|-------------|
| BLACK CANYON IRRIGATION DISTRICT . . . . . | 6,894 ACRES |
| CALDWELL IRRIGATION DISTRICT . . . . .     | 755 "       |
| MORELAND & VIAL (DIXIE DRAIN). . . . .     | 640 "       |
|                                            | 8,289       |

GRAND TOTAL. . . . . 331,081 ACRES

THIS ACREAGE IS BASED, IN SOME INSTANCES, UPON ACTUAL SURVEYS, AND IN OTHER CASES UPON THE ACREAGE AS DETERMINED AT THE TIME OF THE STEWART DECREE, AND IS THE BEST INFORMATION AVAILABLE AT THE PRESENT TIME. IT WAS ORIGINALLY COMPUTED FEBRUARY 14, 1941, BUT HAS BEEN AGAIN REVISED (JULY, 1948), PARTICULARLY TO REDUCE RIVER BOTTOM ACREAGES TO CONFORM TO STEWART DECREE ACREAGES AS DETERMINED BY SPECIAL COMMITTEE. ACREAGE IN LARGER CANALS REVISED 1955 AND 1965.

RIDENBAUGH REPRESENTS OLD LANDS WITHIN THE NAMPA & MERIDIAN IRRIGATION DISTRICT THAT ARE WATERED BY THE OLD RIDENBAUGH WATER RIGHTS IN THE STEWART DECREE. THE BALANCE OF THE NAMPA & MERIDIAN IRRIGATION DISTRICT LANDS ARE INCLUDED UNDER THE BOARD OF CONTROL. (SOME OF THE ACREAGES WERE REVISED APRIL 10, 1944).

\* 3960 ACRES ARE WATERED WITH LIVE WATER. THE BALANCE OF THE WATER COMES FROM FIVE MILE CREEK AND MASON DRAIN.

## STORAGE WATER ALLOCATIONS FOR ARROWROCK AND ANDERSON RESERVOIRS

CHART NO. 13

## ARROWROCK

| NAME                           | ACRE FEET OF STORAGE WATER | PERCENT OF SPACE |
|--------------------------------|----------------------------|------------------|
| BOISE PROJECT BOARD OF CONTROL | 177,816                    | 62.01            |
| NAMPA & MERIDIAN               | 55,055                     | 19.25            |
| PIONEER IRRIGATION DISTRICT    | 21,018                     | 7.333            |
| FARMERS UNION DITCH CO.        | 2,874                      | 1.000            |
| SETTLERS IRRIGATION DISTRICT   | 1,778                      | .62              |
| FARMERS CO-OP CANAL CO.        | 1,227                      | .428             |
| RIDENBAUGH CANAL               | 3,832                      | 1.337            |
| HILLCREST                      | 23,000                     | 8.02             |
| TOTAL                          | 286,600                    | 99.998           |

## ANDERSON

|                                   |         |        |
|-----------------------------------|---------|--------|
| BOISE-KUNA IRRIGATION DISTRICT    | 112,149 | 26.83  |
| NEW YORK IRRIGATION DISTRICT      | 41,006  | 9.81   |
| WILDER IRRIGATION DISTRICT        | 125,108 | 29.93  |
| BIG BEND IRRIGATION DISTRICT      | 3,887   | .93    |
| NAMPA & MERIDIAN                  | 77,784  | 18.61  |
| TOTAL BOARD OF CONTROL            | 359,934 |        |
| RIDENBAUGH                        | 15,137  | 3.62   |
| PIONEER IRRIGATION DISTRICT       | 25,582  | 6.12   |
| FARMERS UNION DITCH CO.           | 5,727   | 1.37   |
| NEW DRY CREEK DITCH CO.           | 1,296   | .31    |
| SETTLERS IRRIGATION DISTRICT      | 5,810   | 1.39   |
| BOISE VALLEY IRRIGATION DITCH CO. | 961     | .23    |
| SOUTH BOISE MUTUAL IRRIGATION CO. | 543     | .13    |
| BALLANTINE DITCH CO.              | 376     | .09    |
| CAPITOL VIEW IRRIGATION DISTRICT  | 460     | .11    |
| PIONEER DITCH COMPANY             | 2,174   | .52    |
| TOTAL                             | 418,000 | 100.00 |

## BOISE RIVER STORAGE ACCOUNTS

| CANAL COMPANY      | LUCKY PEAK<br>STORAGE | ANDERSON<br>STORAGE | ARROWROCK<br>STORAGE | TOTAL<br>AVAILABLE | USED<br>JULY | BALANCE | USED<br>AUGUST | BALANCE |
|--------------------|-----------------------|---------------------|----------------------|--------------------|--------------|---------|----------------|---------|
| BALLANTINE         | 0                     | 376                 | 0                    | 376                | 40           | 336     | 38             |         |
| BOISE CITY         | 0                     | 0                   | 0                    | 0                  | 0            | 0       | 0              |         |
| BOISE VALLEY       | 0                     | 961                 | 0                    | 961                | 0            | 961     | 110            |         |
| BUBB               | 0                     | 543                 | 0                    | 543                | 0            | 543     | 22             |         |
| CALDWELL HIGH LINE | 0                     | 0                   | 0                    | 0                  | 0            | 0       | 0              |         |
| CANYON COUNTY      | 0                     | 0                   | 0                    | 0                  | 0            | 0       | 0              |         |
| CAPITOL VIEW       | 0                     | 460                 | 0                    | 460                | 0            | 460     | 0              |         |
| DAVIS DITCH        | 300                   | 0                   | 0                    | 300                | 0            | 300     | 134            |         |
| EUREKA #1          | 0                     | 0                   | 0                    | 0                  | 0            | 0       | 0              |         |
| EUREKA #2          | 0                     | 0                   | 0                    | 0                  | 0            | 0       | 0              |         |
| FARMERS UNION      | 0                     | 5727                | 2874                 | 0                  | 0            | 0       | 756            |         |
| LITTLE PIONEER     | 0                     | 2174                | 0                    | 2174               | 192          | 1982    | 322            |         |
| MIDDLETON          | 0                     | 0                   | 0                    | 0                  | 0            | 0       | 0              |         |
| NEW DRY CREEK      | 0                     | 1296                | 0                    | 1296               | 0            | 1296    | 0              |         |
| NEW UNION          | 0                     | 0                   | 0                    | 0                  | 0            | 0       | 0              |         |
| NEW YORK           | 0                     | 359934              | 255871               | 0                  | 0            | 0       | 0              |         |
| PENITENTIARY       | 0                     | 0                   | 0                    | 0                  | 0            | 0       | 0              |         |
| PHYLLIS            | 0                     | 25582               | 21018                | 0                  | 1049         | 0       | 8376           |         |
| PIONEER DIXIE      | 0                     | 0                   | 0                    | 0                  | 0            | 0       | 0              |         |
| RIDENBAUGH         | 0                     | 15137               | 3832                 | 0                  | 268          | 0       | 2222           |         |
| RIVERSIDE          | 0                     | 0                   | 0                    | 0                  | 0            | 0       | 0              |         |
| SEBREE             | 0                     | 0                   | 1227                 | 0                  | 200          | 0       | 286            |         |
| SETTLERS           | 0                     | 5810                | 1778                 | 0                  | 0            | 0       | 244            |         |
| THURMAN MILL       | 0                     | 0                   | 0                    | 0                  | 0            | 0       | 0              |         |
| FISH & GAME        | **50000               | 0                   | 0                    | **50000            | 0            | 50000   | 0              | 50000   |
| TOTALS             | 50300                 | 418000              | 286600               | 56110              | 1749         |         | 12510          |         |

\*\*FISH &amp; GAME WATER TO BE RUN DURING WINTER MONTHS

ARROWROCK RESERVOIR DID NOT HAVE AN ALLOTMENT THIS YEAR, SO THE ONLY CANALS SHOWING TOTAL WATER AVAILABLE ARE THE ONES WITH

BOISE RIVER STORAGE ACCOUNTS - 1965 - IN ACRE FEET

| USED<br>JULY | BALANCE | USED<br>AUGUST | BALANCE | USED<br>SEPTEMBER | BALANCE | USED<br>OCTOBER | TOTAL USED<br>TO<br>OCT. 15-1965 | ARROWROCK<br>USED | AND<br>CARP |
|--------------|---------|----------------|---------|-------------------|---------|-----------------|----------------------------------|-------------------|-------------|
| 40           | 336     | 38             | 298     | 66                | 232     | 0               | 144                              | 0                 |             |
| 0            | 0       | 0              | 0       | 0                 | 0       | 0               | 0                                | 0                 |             |
| 0            | 961     | 110            | 851     | 270               | 581     | 0               | 380                              | 0                 |             |
| 0            | 543     | 22             | 521     | 48                | 473     | 0               | 70                               | 0                 |             |
| 0            | 0       | 0              | 0       | 0                 | 0       | 0               | 0                                | 0                 |             |
| 0            | 0       | 0              | 0       | 0                 | 0       | 0               | 0                                | 0                 |             |
| 0            | 460     | 0              | 460     | 0                 | 460     | 0               | 0                                | 0                 |             |
| 0            | 300     | 134            | 166     | 124               | 42      | 0               | 258                              | 0                 |             |
| 0            | 0       | 0              | 0       | 0                 | 0       | 0               | 0                                | 0                 |             |
| 0            | 0       | 0              | 0       | 0                 | 0       | 0               | 0                                | 0                 |             |
| 0            | 0       | 756            | 0       | 854               | 0       | 0               | 1610                             | 0                 | 5           |
| 192          | 1982    | 322            | 1660    | 370               | 1290    | 0               | 884                              | 0                 | 1           |
| 0            | 0       | 0              | 0       | 0                 | 0       | 0               | 0                                | 0                 |             |
| 0            | 1296    | 0              | 1296    | 280               | 1016    | 0               | 280                              | 0                 | 10          |
| 0            | 0       | 0              | 0       | 0                 | 0       | 0               | 0                                | 0                 |             |
| 0            | 0       | 0              | 0       | 0                 | 0       | 0               | 0                                | 0                 |             |
| 0            | 0       | 0              | 0       | 0                 | 0       | 0               | 0                                | 0                 | 3599        |
| 1049         | 0       | 8376           | 0       | 5162              | 0       | 0               | 14587                            | 0                 | 255         |
| 0            | 0       | 0              | 0       | 0                 | 0       | 0               | 0                                | 0                 |             |
| 268          | 0       | 2222           | 0       | 2708              | 0       | 0               | 5198                             | 0                 | 151         |
| 0            | 0       | 0              | 0       | 0                 | 0       | 0               | 0                                | 0                 |             |
| 200          | 0       | 286            | 0       | 0                 | 0       | 0               | 486                              | 0                 |             |
| 0            | 0       | 244            | 0       | 604               | 0       | 0               | 848                              | 0                 | 581         |
| 0            | 0       | 0              | 0       | 0                 | 0       | 0               | 0                                | 0                 |             |
| 0            | 50000   | 0              | 50000   | 0                 | 50000   | 0               | 0                                | 0                 |             |
| 1749         |         | 12510          |         | 10486             |         | 0               | 24745                            | 0                 | 41624       |

SHOWING TOTAL WATER AVAILABLE ARE THE ONES WITH LUCKY PEAK OR ANDERSON WATERS ONLY.

1965 - IN ACRE FEET

CHART NO. 13-A

| <u>ANCE</u> | <u>USED</u><br><u>SEPTEMBER</u> | <u>BALANCE</u> | <u>USED</u><br><u>OCTOBER</u> | <u>TOTAL USED</u><br><u>TO</u><br><u>OCT. 15-1965</u> | <u>ARROWROCK</u><br><u>USED</u> | <u>ANDERSON</u><br><u>CARRYOVER</u> | <u>LUCKY PEAK</u><br><u>USED</u> | <u>LUCKY PEAK</u><br><u>CARYOVER</u> |
|-------------|---------------------------------|----------------|-------------------------------|-------------------------------------------------------|---------------------------------|-------------------------------------|----------------------------------|--------------------------------------|
| 298         | 66                              | 232            | 0                             | 144                                                   | 0                               | 232                                 | 0                                | 0                                    |
| 0           | 0                               | 0              | 0                             | 0                                                     | 0                               | 0                                   | 0                                | 0                                    |
| 851         | 270                             | 581            | 0                             | 380                                                   | 0                               | 581                                 | 0                                | 0                                    |
| 521         | 48                              | 473            | 0                             | 70                                                    | 0                               | 473                                 | 0                                | 0                                    |
| 0           | 0                               | 0              | 0                             | 0                                                     | 0                               | 0                                   | 0                                | 0                                    |
| 0           | 0                               | 0              | 0                             | 0                                                     | 0                               | 0                                   | 0                                | 0                                    |
| 460         | 0                               | 460            | 0                             | 0                                                     | 0                               | 460                                 | 0                                | 0                                    |
| 166         | 124                             | 42             | 0                             | 258                                                   | 0                               | 0                                   | 258                              | 42                                   |
| 0           | 0                               | 0              | 0                             | 0                                                     | 0                               | 0                                   | 0                                | 0                                    |
| 0           | 0                               | 0              | 0                             | 0                                                     | 0                               | 0                                   | 0                                | 0                                    |
| 0           | 854                             | 0              | 0                             | 1610                                                  | 0                               | 5727                                | 0                                | 0                                    |
| 1660        | 370                             | 1290           | 0                             | 884                                                   | 0                               | 1290                                | 0                                | 0                                    |
| 0           | 0                               | 0              | 0                             | 0                                                     | 0                               | 0                                   | 0                                | 0                                    |
| 1296        | 280                             | 1016           | 0                             | 280                                                   | 0                               | 1016                                | 0                                | 0                                    |
| 0           | 0                               | 0              | 0                             | 0                                                     | 0                               | 0                                   | 0                                | 0                                    |
| 0           | 0                               | 0              | 0                             | 0                                                     | 0                               | 359934                              | 0                                | 0                                    |
| 0           | 0                               | 0              | 0                             | 0                                                     | 0                               | 0                                   | 0                                | 0                                    |
| 0           | 5162                            | 0              | 0                             | 14587                                                 | 0                               | 25582                               | 0                                | 0                                    |
| 0           | 0                               | 0              | 0                             | 0                                                     | 0                               | 0                                   | 0                                | 0                                    |
| 0           | 2708                            | 0              | 0                             | 5198                                                  | 0                               | 15137                               | 0                                | 0                                    |
| 0           | 0                               | 0              | 0                             | 0                                                     | 0                               | 0                                   | 0                                | 0                                    |
| 0           | 0                               | 0              | 0                             | 486                                                   | 0                               | 0                                   | 0                                | 0                                    |
| 0           | 604                             | 0              | 0                             | 848                                                   | 0                               | 5810                                | 0                                | 0                                    |
| 0           | 0                               | 0              | 0                             | 0                                                     | 0                               | 0                                   | 0                                | 0                                    |
| 50000       | 0                               | 50000          | 0                             | 0                                                     | 0                               | 0                                   | 15900                            | 0                                    |
|             | 10486                           |                | 0                             | 24745                                                 | 0                               | 416242                              | 16158                            | 42                                   |

WITH LUCKY PEAK OR ANDERSON WATERS ONLY.

TABLE SHOWING ACRE FEET PER ACRE  
FOR EACH IRRIGATION

| NAME OF CANAL             | ACRES<br>IRRIGATED | 1965  |
|---------------------------|--------------------|-------|
| BALLANTINE                | 763                | 9.04  |
| BOISE CITY                | 1,828              | 5.40  |
| BOISE VALLEY              | 2,729              | 5.78  |
| BUBB (SOUTH BOISE)        | 1,057              | 4.23  |
| *CALDWELL HIGH LINE       | 3,960              | 5.27  |
| CAMPBELL (CANYON)         | 802                | 15.54 |
| CANYON COUNTY             | 4,007              | 6.30  |
| DAVIS DITCH               | 634                | 7.10  |
| EAGLE ISLANDS CANALS      | 2,637              | 5.85  |
| EUREKA WATER CO.          | 1,800              | 5.24  |
| EUREKA #2                 | 2,625              | 14.67 |
| FARMERS UNION             | 8,900              | 6.98  |
| LITTLE PIONEER            | 1,286              | 10.59 |
| LOWER CENTER POINT        | 880                | 11.47 |
| MIDDLETON IRRIG. ASSOC.   | 5,182              | 5.89  |
| MIDDLETON MILL            | 4,400              | 5.02  |
| MISCELLANEOUS             | 511                | 7.25  |
| NEW DRY CREEK             | 3,059              | 7.21  |
| NEW UNION                 | 688                | 6.96  |
| NEW YORK CANAL (B. OF C.) | 164,734            | 5.23  |
| PENITENTIARY              | 321                | 7.79  |
| PHYLLIS                   | 24,362             | 5.53  |
| PIONEER DIXIE             | 2,030              | 10.42 |
| RIDENBAUGH                | 26,747             | 6.65  |
| RIVERSIDE #2              | 10,645             | 4.83  |
| ROSSI MILL                | 500                | 6.94  |
| SEBREE (FARMERS CO-OP)    | 15,500             | 6.23  |
| SETTLERS                  | 12,282             | 4.14  |
| SIEBENBERG                | 646                | 6.07  |
| THURMAN MILL              | 1,799              | 5.78  |
| UPPER CENTER POINT        | 641                | 9.05  |
| TOTALS                    | 309,399            | 5.67  |

ACREAGE TABLE WAS REVISED IN 1947, 1956, 1964 & 1965  
\*FRANKLIN DITCH COMPANY AND MASON CREEK DITCH COMPANY LANDS ONLY. THE BALANCE OF THE LAND UNDER THE CALDWELL HIGH LINE ARE  
1947 THRU 1964 CAN BE FOUND IN PREVIOUS REPORTS

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

FOR EACH IRRIGATION SEASON FROM 1965

THE BALANCE OF THE LAND UNDER THE CALDWELL HIGH LINE ARE IRRIGATED WITH WATER DIVERTED FROM MASON DRAIN AND FIVE MILE CREEK.

## CHART NO. 17

[illegible]

CHART NO. 18

1965

[illegible]

1965

[illegible]

## SUMMARY TABLE IN SECOND FEET

CHART NO. 19

## SHOWING RETURN FLOW TO BOISE RIVER

## RETURN FLOW TO ENTIRE RIVER

| MONTH     | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| APRIL     | 1003 | 973  | 891  | 757  | 515  | 569  | 694  | 769  | 700  | 570  | 377  | 440  | 638  | 532  | 849  |
| MAY       | 1223 | 1555 | 1896 | 1444 | 905  | 1424 | 1569 | 1110 | 1562 | 1879 | 1007 | 1254 | 894  | 1179 | 776  |
| JUNE      | 1456 | 1496 | 1141 | 1814 | 1177 | 1578 | 1300 | 1601 | 1213 | 1461 | 998  | 946  | 1505 | 1625 | 1386 |
| JULY      | 1381 | 1436 | 1253 | 1483 | 1330 | 1322 | 1329 | 1266 | 1162 | 1318 | 878  | 1143 | 1180 | 1227 | 1327 |
| AUGUST    | 1362 | 1205 | 1307 | 1325 | 1211 | 1441 | 1337 | 1288 | 1484 | 1510 | 817  | 1164 | 1225 | 1412 | 1520 |
| SEPTEMBER | 1296 | 1495 | 1367 | 1507 | 1349 | 1347 | 1338 | 1425 | 1379 | 1442 | 1096 | 1299 | 1481 | 1475 | 1430 |
| OCTOBER   |      |      |      |      |      |      |      |      |      |      |      |      |      | 1277 | 2922 |
| AVERAGE   | 1287 | 1352 | 1312 | 1388 | 1081 | 1280 | 1261 | 1243 | 1250 | 1363 | 862  | 1041 | 1154 | 1247 | 1459 |

## RETURN FLOW TO SECTION ONE

|           |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| JULY      | 460 | 411 | 369 | 391 | 379 | 210 | 215 | 214 | 185 | 273 | 163 | 248 | 246 | 136 | 115  |
| AUGUST    | 426 | 330 | 373 | 386 | 307 | 394 | 254 | 235 | 296 | 352 | 178 | 241 | 238 | 271 | 118  |
| SEPTEMBER | 360 | 293 | 342 | 457 | 330 | 286 | 245 | 260 | 241 | 292 | 238 | 215 | 298 | 317 | 121  |
| OCTOBER   |     |     |     |     |     |     |     |     |     |     |     |     |     | 304 | 1452 |
| AVERAGE   | 415 | 345 | 362 | 411 | 338 | 297 | 238 | 236 | 241 | 306 | 193 | 235 | 261 | 257 | 452  |

## RETURN FLOW TO SECTION TWO

|           |     |      |      |      |      |      |      |      |      |      |     |      |      |      |      |
|-----------|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|
| JULY      | 921 | 1025 | 884  | 1092 | 951  | 1112 | 1114 | 1052 | 977  | 1045 | 715 | 895  | 934  | 1091 | 1212 |
| AUGUST    | 936 | 875  | 934  | 939  | 904  | 1047 | 1083 | 1053 | 1188 | 1158 | 639 | 923  | 987  | 1141 | 1402 |
| SEPTEMBER | 936 | 1202 | 1025 | 1050 | 1019 | 1061 | 1093 | 1165 | 1138 | 1150 | 858 | 1084 | 1183 | 1158 | 1309 |
| OCTOBER   |     |      |      |      |      |      |      |      |      |      |     |      |      | 973  | 1470 |
| AVERAGE   | 931 | 1032 | 947  | 1027 | 958  | 1073 | 1097 | 1090 | 1101 | 1117 | 737 | 967  | 1035 | 1091 | 1348 |

DISTRIBUTION OF DRAINAGE WATER  
TO VARIOUS CANALS

CHART NO. 20

DRAINAGE DISTRICT NO. 2

|                 | PERCENT OF<br>TOTAL |                | PERCENT OF<br>TOTAL |
|-----------------|---------------------|----------------|---------------------|
| FARMERS UNION   | 20.99               | CANYON COUNTY  | 12.68               |
| BOISE VALLEY    | 10.03               | BALLANTINE     | 3.04                |
| NEW DRY CREEK   | 9.47                | BOISE CITY     | 3.01                |
| NEW UNION       | 1.21                | CONSUMERS      | .11                 |
| MIDDLETON CANAL | 35.00               | LITTLE PIONEER | 4.46                |

THE CREDITS GIVEN ABOVE ARE BASED ON A DRAINAGE FLOW OF 100 SECOND FEET WHILE CANAL DELIVERIES ARE 100 PERCENT.

JUDGE BRINK ORDER, AUGUST, 1928, GIVES 90 INCHES ADDITIONAL TO FARMERS UNION.

DRAINAGE DISTRICT NO. 3

|                    | PERCENT OF<br>TOTAL |            | PERCENT OF<br>TOTAL |
|--------------------|---------------------|------------|---------------------|
| BOARD OF CONTROL   | 49                  | ROSSI MILL | 10                  |
| RIDENBAUGH         | 24                  | MEEVES     | 2                   |
| BUBB (SOUTH BOISE) | 15                  |            |                     |

THE CREDITS GIVEN ARE BASED UPON A DRAINAGE DISCHARGE OF 15 SECOND FEET WHILE CANAL DELIVERIES ARE 100 PERCENT.

DRAINAGE DISTRICT NO. 4

|                     | INCHES |
|---------------------|--------|
| THURMAN MILL        | 570.98 |
| RIDENBAUGH          | 51.34  |
| WARM SPRINGS SLOUGH | 127.68 |

THE CREDITS ABOVE ARE BASED ON A DRAINAGE DISCHARGE OF 750 INCHES, AND THE AMOUNTS ARE A DIRECT COURT ORDER.

## INTERVENORS - STEWART DECREE

CHART NO. 21

## BOISE RIVER

| NUMBER  | DATE      | NAME                           | CANAL                   | AMOUNT DECREED |        | DEPT. OF REC. |
|---------|-----------|--------------------------------|-------------------------|----------------|--------|---------------|
|         |           |                                |                         | SEC. FT.       | INCHES | FILE NO.      |
| 66-A    | 4-1-1878  | J. S. KRAUS ✓ <sup>v2</sup>    | P 790                   |                |        |               |
| 129-A   | 4-1-1897  | H. E. PLAIN ✓ <sup>v5</sup>    | P 44 ✓                  |                |        |               |
| 66-C    | 4-1-1878  | J. W. KOLANDER ✓ <sup>v6</sup> | P 157 ✓                 |                |        |               |
| 66-D    | 4-1-1878  | M. T. GRIFFITH ✓               |                         |                |        |               |
| 73-A    | 4-1-1880  | GOBLE & SONGER ✓               |                         |                |        |               |
| 75-A    | 6-1-1880  | C. B. FRANK ✓                  |                         |                |        |               |
| 136     | 5-1-1906  | H. E. WYMER ✓                  |                         |                |        |               |
| 85-A    | 6-1-1882  | LEO MARSTERS ✓                 |                         |                |        |               |
| 137     | 5-1-1909  | B. P. WEAVERLING ✓             |                         |                |        |               |
| 138     | 6-1-1912  | WESLEY A. MACE ✓               |                         |                |        |               |
| 85-C    | 5-1-1883  | WM. HUCKBA ✓                   |                         |                |        |               |
| 85-D    | 5-1-1883  | C. H. SCHMELZER ✓              |                         |                |        |               |
| 85-E    | 5-1-1883  | C. W. MCCLURG ✓                |                         |                |        |               |
| 124-A   | 5-1-1893  | W. D. CHARTERS ✓               |                         |                |        |               |
| 85-B    | 4-1-1883  | JACOB BINGHAM ✓                |                         |                |        |               |
| 77-A    | 4-15-1882 | ROC HELMS ✓                    |                         |                |        |               |
| 8-A     | 4-1-1865  | ADOLPH BAHLER ✓                |                         |                |        |               |
| 47-A    | 4-1-1870  | ADOLPH BAHLER ✓                |                         |                |        |               |
| 35-A    | 6-1-1867  | RALPH T. KNIGHT ✓              |                         |                |        |               |
| 116-A   | 6-1-1890  | ANNA SPENCER                   |                         |                |        |               |
| 116-B   | 6-1-1890  | WILLIS B. SPENCER              |                         |                |        |               |
| 116-C   | 6-1-1890  | REBECCA BELL                   |                         |                |        |               |
| 114-A   | 5-1-1889  | NEIL & PATRICK O'DONNELL ✓     |                         |                |        |               |
| 114-B   | 5-1-1889  | GUS A. BARTH ✓                 |                         |                |        |               |
| 77-A    | 6-1-1881  | " " ✓                          |                         |                |        |               |
| 77-B    | 6-1-1881  | CHARLES JURRIES ✓              |                         |                |        |               |
| 77-C    | 6-1-1881  | JAMES FINLAY ✓                 |                         |                |        |               |
| 77-D    | 6-1-1881  | LESTER J. SHIPPY ✓             |                         |                |        |               |
| 31-A    | 6-1-1866  | WM. MUSSER ✓                   |                         |                |        |               |
| 31-B    | 6-1-1866  | MINNIE & JERRY COUZENS ✓       |                         |                |        |               |
| 31-C    | 6-1-1866  | ALBERT C. BOWERMAN ✓           |                         |                |        |               |
| 71-A    | 4-1-1879  | ISLAND HIGHLINE DITCH CO. ✓    |                         |                |        |               |
| 137-A   | 4-1-1910  | " " " " ✓                      |                         |                |        |               |
| 139     | 4-1-1915  | " " " " ✓                      |                         |                |        |               |
| 75-A    | 1880      | ALBERT LEMP ET AL ✓            |                         |                |        |               |
| 29-A    | 1865      | LOUISE SLOMONSON ✓             |                         |                |        |               |
| 8-B ✓   | 4-1-1865  | FIRST NAT. BANK OF PUEBLO      |                         |                |        |               |
| 29-B ✓  | 1865      | S. G. HARDIES & AMELIA EISLEY  |                         |                |        |               |
| 51-A ✓  | 1870      | " " " " ✓                      |                         |                |        |               |
| 116-A   | 1889      | " " " " ✓                      |                         |                |        |               |
| 59-A    | 5-1-1875  | ROEDEL, EARL F. & OTTO W. ✓    |                         |                |        |               |
| 123-A   | 4-15-1893 | OTTO & MARIE MULLER ✓          |                         |                |        |               |
| ORIAN ✓ | 4-1-1910  | MC MANUS & TEATER              |                         |                |        |               |
|         |           |                                | BALLANTINE              | .80            | 40     | 373           |
|         |           |                                | DRY CREEK               | .54            | 27     | 373           |
|         |           |                                | BALLANTINE              | 1.40           | 70     | 373           |
|         |           |                                | BALLANTINE              | .80            | 40     | 373           |
|         |           |                                | DRY CREEK               | .54            | 27     | 373           |
|         |           |                                | DRY CREEK               | .816           | 40.80  | 380           |
|         |           |                                | BALLANTINE              | .356           | 17.80  | 325           |
|         |           |                                | WARM SPRINGS            | 1.60           | 80     | 324           |
|         |           |                                | MACE & MACE             | 1.60           | 80     | 294           |
|         |           |                                | CATLIN & MACE           | .40            | 20     | 293           |
|         |           |                                | DRY CREEK               | .203           | 10.15  | 321           |
|         |           |                                | BALLANTINE              | .7506          | 37.53  | 320           |
|         |           |                                | DRY CREEK               | .35            | 17.50  | 319           |
|         |           |                                | DRY CREEK               | .825           | 41.25  | 318           |
|         |           |                                | SETTLERS                | 1.00           | 50     | 317           |
|         |           |                                | RIVERSIDE IRRIG. DIST.  | 3.674          | 183.70 | 295           |
|         |           |                                | BAHLER                  | .80            | 40     | 412           |
|         |           |                                | BAHLER                  | .80            | 40     | 412           |
|         |           |                                | CANYON COUNTY           | 1.76           | 88     | 419           |
|         |           |                                | RIVERSIDE IRRIG. DIST.  | .72            | 36     | 12-A MISC.    |
|         |           |                                | " " "                   | .10            | 5      | " "           |
|         |           |                                | " " "                   | .40            | 20     | " "           |
|         |           |                                | O'DONNELL & BARTH       | 1.60           | 80     | 466           |
|         |           |                                | " "                     | .80            | 40     | 467           |
|         |           |                                | PARMA DITCH CO.         | 1.60           | 80     | 467           |
|         |           |                                | " " "                   | .34            | 17     | 467           |
|         |           |                                | " " "                   | .80            | 40     | 467           |
|         |           |                                | " " "                   | 1.30           | 65     | 467           |
|         |           |                                | LAWRENCE & KENNEDY      | 2.30           | 115    | 482           |
|         |           |                                | MIDDLETON WATER         | .60            | 30     | 482           |
|         |           |                                | LAWRENCE & KENNEDY      | 1.10           | 55     | 482           |
|         |           |                                |                         | 3.00           | 150    | 491           |
|         |           |                                |                         | 7.00           | 350    | 491           |
|         |           |                                |                         | 10.00          | 500    | 491           |
|         |           |                                | LARSEN-BAXTER & LEMP    | 3.20           | 160    | 496           |
|         |           |                                | LEMP DITCH-EAGLE ISLAND | 6.00           | 300    | 496           |
|         |           |                                | BUBB                    | 1.80           | 90     | 497           |
|         |           |                                | BUBB                    | .50            | 25     | 498           |
|         |           |                                | "                       | 1.00           | 50     | 498           |
|         |           |                                | "                       | .84            | 42     | 498           |
|         |           |                                | INDIAN CREEK            | 3.20           | 160    | 648           |
|         |           |                                | MIDDLETON MILL DITCH    | 1.60           | 80     |               |
|         |           |                                | HOWTON ISLAND           | 3.36           | 1.68   |               |

NO. OF CHANGE  
OF POINT OF  
DIVERSION

TABLE SHOWING CHANGE IN POINT OF DIVERSION

|     | POINT OF DIVERSION |                          | DATE OF<br>CHANGE | PRIORITY |         | NO. OF<br>ACRES | QUAN<br>IN I |
|-----|--------------------|--------------------------|-------------------|----------|---------|-----------------|--------------|
|     | FROM               | TO                       |                   | NO.      | DATE    |                 |              |
| 3   | EUREKA NO. 2       | EUREKA NO. 2             | 4-2-1912          | 96       | 10-1-87 | 80              |              |
| 9   | PIONEER DIXIE      | PIONEER DIXIE            | 7-31-1912         |          |         |                 |              |
| 29  | CALDWELL HIGH LINE | CANYON COUNTY            | 8-26-1918         |          |         | 50              |              |
| 32  | DAVIS              | DAVIS DITCH              | 7-15-1919         |          |         | 160             |              |
| 35  | PIONEER DIXIE      | RIVERSIDE                | 4-3-1919          |          |         |                 |              |
| 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      | PIONEER DIXIE            | 9-26-1918         |          |         |                 |              |
| 50  | LOWER CENTER POINT | BOWMAN & SWISHER         | 3-31-1920         | 19       | 6-1-65  |                 |              |
| 51  | LOWER CENTER POINT | BOWMAN & SWISHER         | 3-31-1920         | 20       | 6-1-65  |                 |              |
| 54  | CANYON COUNTY      | MIDDLETON MILL           | 4-24-1920         | 35       | 6-1-67  |                 |              |
| 57  | MIDDLETON WATER    | BALLANTINE               | 12-2-1920         | 65       | 6-1-77  | 35              |              |
| 59  | KENNEDY            | CANYON COUNTY            | 3-18-1921         | 31       | 6-1-66  |                 |              |
| 61  | KENNEDY & LAWRENCE | MIDDLETON WATER          | 6-22-1921         | 31-B     | 6-1-66  |                 |              |
| 64  | BALLANTINE         | DRY CREEK                | 12-21-1921        | 102      | 6-1-88  |                 |              |
| 75  | MIDDLETON MILL     | CANYON COUNTY            | 11-25-1924        |          |         |                 |              |
| 76  | SETTLERS           | SETTLERS                 | 3-12-1925         | 85-B     | 4-1-83  |                 |              |
| 77  | BUBB               | BAHLER                   | 4-26-1925         | 8-A      | 4-1-65  | 80              |              |
| 77  | BUBB               | BAHLER                   | 4-26-1925         | 47-A     | 4-1-70  |                 |              |
| 83  | WARM SPRINGS       | SETTLERS                 | 4-29-1926         |          |         |                 |              |
| 84  | MIDDLETON WATER    | FARMERS UNION            | 3-9-1926          | 65       | 6-1-77  |                 |              |
| 85  | UPPER 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         | 31-A     | 6-1-66  |                 |              |
| 127 | BOWMAN & SWISHER   | LARSEN, BAXTER & LEMP    | 8-15-1930         |          | 6-1-65  |                 |              |
| 131 | EUREKA NO. 2       | LOWER CENTER POINT       | 1-16-1932         | 89       | 11-9-83 |                 |              |
| 140 | BALLANTINE         | NEW DRY CREEK            | 4-23-1934         | 85-D     | 5-1-83  |                 |              |
| 141 | FISCHER POWER      | FISCHER POWER            | 12-18-1934        |          | 7-9-12  |                 |              |
| 147 | MIDDLETON MILL     | CANYON COUNTY            | 1-8-1936          |          | 6-1-67  |                 |              |
| 148 | PIONEER DIXIE      | UPPER CENTER POINT NO. 1 | 4-17-1936         | 96       | 10-1-87 |                 |              |
| 151 | NEW DRY CREEK      | BALLANTINE               | 2-18-1937         |          | 5-1-93  |                 |              |
| 152 | BAHLER DITCH       | RIDENBAUGH               | 5-15-1937         |          | 4-1-70  |                 |              |
| 153 | REIN-KEOGH-BAHLER  | RIDENBAUGH               | 5-15-1937         |          | 5-1-95  |                 |              |
| 154 | BAHLER DITCH       | RIDENBAUGH               | 5-15-1937         |          | 4-1-65  |                 |              |
| 159 | UPPER CENTER POINT | EUREKA NO. 2             | 5-27-1939         |          | 6-1-65  |                 |              |
| 161 | BALLANTINE         | NEW DRY CREEK            | 5-5-1940          | 103      | 6-1-88  |                 |              |
| 174 | BALLANTINE         | NEW DRY CREEK            | 3-28-1944         | 103      | 6-1-88  |                 |              |
| 175 | RIVERSIDE          | EUREKA                   | 4-11-1944         |          | 6-1-83  |                 |              |
| 176 | MAMMON DITCH       | HAAS DITCH               | 4-18-1944         |          | 6-1-78  |                 |              |
| 179 | CATLIN-MACE        | SEVEN SUCKERS            | 3-31-1945         | 5)       | 6-1-64) |                 |              |
|     |                    |                          |                   | 52)      | 6-1-71) |                 |              |
| 224 | EUREKA #2          | BOWMAN & SWISHER         | 9-3-1954          | 89       | 11-9-83 |                 |              |
| 227 | O'DONNELL          | BOISE RIVER              | 12-17-54          | 114-A    | 5-1-89  |                 |              |
| 243 | EUREKA #2          | LOWER CENTER POINT       | 6-30-58           | 89       | 11-9-83 |                 |              |
| 243 | RIVER              | BOISE VALLEY             | 6-30-58           |          | 7-19-21 |                 |              |
| 257 | O'DONNELL DITCH    | PARMA DITCH              | 10-10-62          | 114-B    | 5-1-89  |                 |              |
| 257 |                    |                          |                   |          |         |                 |              |

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

|         | PRIORITY<br>NO. | DATE    | NO. OF<br>ACRES | QUANTITY<br>IN INCHES | BY WHOM                            |                 |
|---------|-----------------|---------|-----------------|-----------------------|------------------------------------|-----------------|
| 12      | 96              | 10-1-87 | 80              |                       | THOS. T. JOHNSTON                  |                 |
| 912     |                 |         |                 |                       | ALBERT F. CLEMONS                  |                 |
| 918     |                 |         | 50              | 50                    | J. C. HUGHES                       |                 |
| 919     |                 |         |                 |                       | ED DAVIS                           |                 |
| 119     |                 |         | 160             | 100                   | REBECCA BELL                       |                 |
| 918     | 35              | 6-1-67  |                 | 19                    | DRAPER & OTHERS                    |                 |
| 915     |                 |         |                 | 52                    | SHAHER & OTHERS                    |                 |
| 918     |                 |         |                 |                       | GEORGE RAMBO                       |                 |
| 918     |                 |         |                 |                       | JAS. D. RUARK                      | TO INDIAN CR    |
| 1920    | 19              | 6-1-65  |                 | 144                   | JOHN S. SWISHER                    |                 |
| 1920    | 20              | 6-1-65  |                 | 320                   | BIRD BOWMAN                        |                 |
| 1920    | 35              | 6-1-67  |                 | 55½                   | H. G. DUDLEY                       | FOOTE & WISE    |
| 920     | 65              | 6-1-77  | 35              | 30                    | EDWARD MCCLINTICK                  |                 |
| 1921    | 31              | 6-1-66  |                 | 130                   | W. KENNEDY                         |                 |
| 1921    | 31-B            | 6-1-66  |                 | 30                    | MINNIE COUZENS                     |                 |
| 1921    | 102             | 6-1-88  |                 | 10                    | HARRY SEAVEY                       |                 |
| 1924    |                 |         |                 | 25                    | DETWEED ETC. BANK                  |                 |
| 1925    | 85-B            | 4-1-83  |                 | 50                    | JACOB BINGHAM                      |                 |
| 1925    | 8-A             | 4-1-65  | 80              | 40                    | ADOLPH BAHLER                      |                 |
| 1925    | 47-A            | 4-1-70  |                 | 40                    | ADOLPH BAHLER                      |                 |
| 1926    |                 |         |                 | 36                    | LEO MARSTERS                       |                 |
| 1926    | 65              | 6-1-77  |                 | 40                    | J. C. RALPH                        |                 |
| 1926    |                 |         |                 | 25                    | J. C. BRUCE                        |                 |
| 1926    | 103             |         |                 | 32½                   | IRA E. BARBER                      | NOT APPROVED E  |
| 1928    |                 |         |                 |                       | CHARLES JURRIES                    | SECRETARY       |
| 1931    | 31-A            | 6-1-66  |                 | 115                   | WM MUSSER                          |                 |
| 1930    |                 | 6-1-65  |                 | 40                    | WM BAXTER                          |                 |
| 1932    | 89              | 11-9-83 |                 | 35                    | R. E. MCGUIRE                      |                 |
| 1934    | 85-D            | 5-1-83  |                 | 3                     | CHAS. H. SCHMELZER                 |                 |
| 1934    |                 | 7-9-12  |                 |                       | FISCHER POWER ONLY                 | BELOW FAIRVIEW  |
| 1936    |                 | 6-1-67  |                 | 10                    | CORA M. CLIFTON                    |                 |
| 7-1936  | 96              | 10-1-87 |                 | 75                    | DORA GREER                         | DECREED TO AMER |
| 8-1937  |                 | 5-1-93  |                 | 6.75                  | J. H. CONE                         |                 |
| 5-1937  |                 | 4-1-70  |                 | 40                    | ADOLPH BAHLER                      |                 |
| 5-1937  |                 | 5-1-95  |                 | 50                    | ADOLPH BAHLER                      |                 |
| 5-1937  |                 | 4-1-65  |                 | 40                    | ADOLPH BAHLER                      |                 |
| 7-1939  |                 | 6-1-65  |                 | 5                     | RAYMOND T. BRESHEARS               |                 |
| 1940    | 103             | 6-1-88  |                 | 32½                   | SID BARBER                         |                 |
| 1944    | 103             | 6-1-88  |                 | 12                    | FRANK M. RAY                       |                 |
| 1-1944  |                 | 6-1-83  |                 | 85                    | WILBUR BRESHEARS                   |                 |
| 18-1944 |                 | 6-1-78  |                 | 440                   | CHARLOTTIE D. ALLEN                |                 |
| 1-1945  | 51              | 6-1-64) |                 | 12                    | IDAHO FISH & GAME DEPT.            |                 |
|         | 52)             | 6-1-71) |                 |                       |                                    |                 |
| 1954    | 89              | 11-9-83 |                 | 45                    | J. E. HOUSTON                      |                 |
| 17-54   | 114-A           | 5-1-89  |                 | 80                    | ARNOLD C. CRAWFORTH                |                 |
| 30-58   | 89              | 11-9-83 |                 | 30                    | J. E. EKBERG                       | TO BE PUMPED FR |
| 30-58   |                 | 7-19-21 |                 | 60                    | MARIE ECHEVARRIA & I. N. KESSINGER | LICENSED WATER  |
| 10-62   | 114-B           | 5-1-89  |                 | 40                    | BERT L. TREDWAY                    | O'DONNELL DITCH |

| BY WHOM                            | REMARKS                                                     |
|------------------------------------|-------------------------------------------------------------|
| THOS. T. JOHNSTON                  |                                                             |
| ALBERT F. CLEMONS                  |                                                             |
| J. C. HUGHES                       |                                                             |
| ED DAVIS                           |                                                             |
| REBECCA BELL                       |                                                             |
| DRAPER & OTHERS                    |                                                             |
| SHAVER & OTHERS                    |                                                             |
| GEORGE RAMBO                       |                                                             |
| JAS. D. RUARK                      | TO INDIAN CREEK                                             |
| JOHN S. SWISHER                    |                                                             |
| BIRD BOWMAN                        |                                                             |
| H. G. DUDLEY                       | FOOTE & WISEMAN                                             |
| EDWARD MCCLINTICK                  |                                                             |
| W. KENNEDY                         |                                                             |
| MINNIE COUZENS                     |                                                             |
| HARRY SEAVEY                       |                                                             |
| DETWEED ETC. BANK                  |                                                             |
| JACOB BINGHAM                      |                                                             |
| ADOLPH BAHLER                      |                                                             |
| ADOLPH BAHLER                      |                                                             |
| LEO MARSTERS                       |                                                             |
| J. C. RALPH                        |                                                             |
| J. C. BRUCE                        |                                                             |
| IRA E. BARBER                      | NOT APPROVED BY DITCH COMPANIES                             |
| CHARLES JURRIES                    | SECRETARY                                                   |
| WM MUSSER                          |                                                             |
| WM BAXTER                          |                                                             |
| R. E. MCGUIRE                      |                                                             |
| CHAS. H. SCHMELZER                 |                                                             |
| FISCHER POWER ONLY                 | BELOW FAIRVIEW BRIDGE                                       |
| CORA M. CLIFTON                    |                                                             |
| DORA GREER                         | DECREED TO AMERICAN DITCH ASSOC.                            |
| J. H. CONE                         |                                                             |
| ADOLPH BAHLER                      |                                                             |
| ADOLPH BAHLER                      |                                                             |
| ADOLPH BAHLER                      |                                                             |
| RAYMOND T. BRESHEARS               |                                                             |
| SID BARBER                         |                                                             |
| FRANK M. RAY                       |                                                             |
| WILBUR BRESHEARS                   |                                                             |
| CHARLOTTIE D. ALLEN                |                                                             |
| IDAHO FISH & GAME DEPT.            |                                                             |
| J. E. HOUSTON                      |                                                             |
| ARNOLD C. CRAWFORTH                | TO BE PUMPED FROM THE RIVER DIRECT                          |
| J. E. EKBERG                       |                                                             |
| MARIE ECHEVARRIA & I. N. KESSINGER | LICENSED WATER RIGHT #15242 FORMERLY DIVERTED FROM A SLOUGH |
| BERT L. TREDWAY                    | O'DONNELL DITCH WASHED AWAY                                 |

CITY  
CHES

BY WHOM

REMARKS

THOS. T. JOHNSTON

ALBERT F. CLEMONS

J. C. HUGHES

ED DAVIS

REBECCA BELL

DRAPER &amp; OTHERS

SHAFFER &amp; OTHERS

GEORGE RAMBO

JAS. D. RUARK

JOHN S. SWISHER

BIRD BOWMAN

H. G. DUDLEY

EDWARD MCCLINTICK

W. KENNEDY

MINNIE COUZENS

HARRY SEAVEY

DETWEED ETC. BANK

JACOB BINGHAM

ADOLPH BAHLER

ADOLPH BAHLER

LEO MARSTERS

J. C. RALPH

J. C. BRUCE

IRA E. BARBER

CHARLES JURRIES

WM MUSSER

WM BAXTER

R. E. MCGUIRE

CHAS. H. SCHMELZER

FISCHER POWER ONLY

CORA M. CLIFTON

DORA GREER

J. H. CONE

ADOLPH BAHLER

ADOLPH BAHLER

ADOLPH BAHLER

RAYMOND T. BRESHEARS

SID BARBER

FRANK M. RAY

WILBUR BRESHEARS

CHARLOTTIE D. ALLEN

IDAHO FISH &amp; GAME DEPT.

J. E. HOUSTON

ARNOLD C. CRAWFORTH

J. E. EKBERG

MARIE ECHEVARRIA &amp; I. N. KESSINGER

BERT L. TREDWAY

TO INDIAN CREEK

FOOTE &amp; WISEMAN

NOT APPROVED BY DITCH COMPANIES  
SECRETARY

BELOW FAIRVIEW BRIDGE

DECREEED TO AMERICAN DITCH ASSOC.

TO BE PUMPED FROM THE RIVER DIRECT

LICENSED WATER RIGHT #15242 FORMERLY DIVERTED FROM A SLOUGH  
O'DONNELL DITCH WASHED AWAY

## TRANSFERS OF DECREED RIGHT

| NO. OF<br>TRANS. | POINT OF DIVERSION   |                      | PRIORITY |          | DATE OF<br>TRANSFER | QUANTITY<br>IN INCHES |
|------------------|----------------------|----------------------|----------|----------|---------------------|-----------------------|
|                  | FROM                 | TO                   | NO.      | DATE     |                     |                       |
| 34               | SETTLERS             | SETTLERS             | 92       | 10-17-84 | 3-16-1909)          | 15                    |
| 34               | "                    | "                    | 122      | 6-1-91   | 3-16-1909)          |                       |
| 36               | AMERICAN DITCH ASSN. | PIONEER DIXIE        | 96       | 10-1-87  | 4-19-1909           | 100                   |
| 38               | AMERICAN DITCH ASSN. | CANYON DITCH         | 96       | 10-1-87  | 9-1-1909            | 605                   |
| 43               | SETTLERS             | SETTLERS             |          |          | 2-5-1910            | 10                    |
| 46               | BARBER LUMBER CO.    | PENITENTIARY         | 50       | 6-1-66   | 2-4-1910            | 112                   |
| 47               | AMERICAN DITCH ASSN. | EUREKA NO. 2         | 96       | 10-1-87  | 3-18-1910           | 1475                  |
| 48               | AMERICAN DITCH ASSN. | PIONEER DIXIE        | 96       | 10-1-87  | 3-31-1910           | 210                   |
| 50               | SETTLERS             | SETTLERS             |          |          | 6-7-1910            | 20                    |
| 62               | PIONEER DIXIE        | EUREKA NO. 2         | 96       | 10-1-87  | 11-14-1910          | 50                    |
| 71               | UPPER CENTER POINT   | EUREKA NO. 2         | 24       | 6-1-65   | 3-14-1911           | 40                    |
| 105              | SIEBENBERG           | CANYON DITCH         | 9        | 6-1-65   | 9-18-1912           | 25                    |
| 111              | EUREKA NO. 2         | HILLCREST            | 96       | 10-1-87  | 11-25-1912          | 60                    |
| 111              | PIONEER DIXIE        | HILLCREST            | 8        | 9-1-64)  | 11-25-1912)         | 1017                  |
| 111              | "                    | "                    | 45       | 6-1-69)  | 11-25-1912)         |                       |
| 136              | JACOBS               | FARMERS UNION        | 2        | 6-1-64   | 6-8-1914            | 1000                  |
| 219              | PIONEER IRRIG. DIST. | PIONEER IRRIG. DIST. |          |          | 7-15-1918           | 432                   |
| 300              | MIDDLETON MILL       | DRY CREEK            |          |          | 4-20-1921           | 17.5                  |
| 301              | MIDDLETON MILL       | DRY CREEK            |          |          | 4-20-1921           | 77                    |
| 347              | MIDDLETON MILL       | SETTLERS             | 3        | 6-1-64   | 2-6-1925            | 7                     |
| 349              | MIDDLETON MILL       | SETTLERS             | 3        | 6-1-64   | 2-6-1925            | 7                     |
| 350              | MIDDLETON MILL       | SETTLERS             | 3        | 6-1-64   | 2-6-1925            | 7                     |
| 357              | MIDDLETON WATER      | SETTLERS             | 65       | 6-1-77   | 5-1925              | 10                    |
| 370              | BOISE CITY           | FARMERS UNION        | 33       | 6-1-66   | 3-16-1926           | 56.2                  |
| 373              | BOISE CITY           | FARMERS UNION        | 33       | 6-1-66   | 4-26-1926           | 18.7                  |
| 374              | MIDDLETON WATER #1   | FARMERS UNION        | 65       | 6-1-77   | 5-6-1926            | 20                    |
| 375              | MIDDLETON WATER      | FARMERS UNION        | 65       | 6-1-77   | 5-6-1926            | 10                    |
| 384              | MIDDLETON WATER      | FARMERS UNION        | 65       | 6-1-77   | 7-8-1926            | 20                    |
| 385              | MIDDLETON WATER      | FARMERS UNION        | 65       | 6-1-77   | 7-8-1926            | 13.3                  |
| 386              | MIDDLETON WATER      | FARMERS UNION        | 65       | 6-1-77   | 7-8-1926            | 20                    |
| 387              | MIDDLETON WATER      | FARMERS UNION        | 65       | 6-1-77   | 7-8-1926            | 20                    |
| 391              | MIDDLETON MILL       | FARMERS UNION        | 3)       | 6-1-64)  | 8-13-1926           | 7.5                   |
| 392              | MIDDLETON WATER      | RIDENBAUGH           | 54)      | 6-1-71)  |                     |                       |
| 393              | MIDDLETON MILL       | FARMERS UNION        | 65       | 6-1-77   | 8-21-1926           | 20                    |
| 393              | MIDDLETON MILL       | FARMERS UNION        | 3)       | 6-1-54)  | 9-15-1926           | 14.4                  |
| 393              | MIDDLETON MILL       | FARMERS UNION        | 54)      | 6-1-71)  |                     |                       |
| 395              | MIDDLETON WATER      | FARMERS UNION        | 120)     | 6-1-91)  |                     |                       |
| 412              | THURMAN              | SETTLERS             | 65       | 6-1-77   | 11-16-1926          | 25                    |
| 430              | FARMERS UNION        | SETTLERS             | 81       | 6-1-82   | 12-2-1927           | 20                    |
| 466              | RIDENBAUGH           | NEW YORK             | 65       | 6-1-77   | 7-2-1928            | 12.5                  |
| 468              | SETTLERS             | SETTLERS             | 106      | 8-20-88  | 7-6-1929            | 445                   |
| 477              | SETTLERS             | SETTLERS             | 65       | 6-1-77   | 7-12-1929           | 5                     |
| 483              | SETTLERS             | SETTLERS             | 92       | 10-17-84 | 11-18-1929          | 10                    |
| 512              | JACOBS CANAL         | SETTLERS             | 92       | 10-17-84 | 4-7-1930            | 3                     |
| 513              | JACOBS CANAL         | FARMERS UNION        | 1        | 6-1-64   | 5-27-1932           | 50                    |
| 530              | JACOBS DITCH         | FARMERS UNION        | 1        | 6-1-64   | 5-27-1932           | 25                    |
| 542              | FARMERS UNION        | FARMERS UNION        | 1        | 6-1-64   | 5-15-1934           | 15                    |
| 593              | JACOBS CANAL         | FARMERS UNION        | 2        | 6-1-64   | 12-31-1934          | 34.37                 |
| 593              | JACOBS CANAL         | NAMPA-MERIDIAN       | 1        | 6-1-64   | 9-9-1938            | 10                    |
| 608              | RIVERSIDE            | SETTLERS             | 1        | 6-1-64   | 9-9-1938            | 10                    |
| 644              | RIVERSIDE            | PIONEER DIXIE        | 88       | 6-1-83   | 4-29-1940           | 50                    |
| 654              | CONSUMERS            | PIONEER DIXIE        | 88       | 6-1-83   | 11-12-1942          | 35                    |
| 654              | CONSUMERS            | SETTLERS             | 30       | 5-1-66   | 10-18-1943          | 25                    |
| 654              | CONSUMERS            | SETTLERS             | 30       | 5-1-66   | 10-18-1943          | 50                    |
| 654              | CONSUMERS            | SETTLERS             | 30       | 5-1-66   | 10-18-1943          | 25                    |

# TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

| DATE OF<br>TRANSFER | QUANTITY<br>IN INCHES | BY WHOM<br>TRANSFERRED | REMARKS                          |
|---------------------|-----------------------|------------------------|----------------------------------|
| 3-16-1909)          | 15                    | WALTER S. BRUCE        |                                  |
| 3-16-1909)          |                       |                        | CHANGE IN POINT OF DIVERSION ONL |
| 4-19-1909           | 100                   | C. H. ROSENBERGER      |                                  |
| 9-1-1909            | 605                   | WM. M. MESSLER         |                                  |
| 2-5-1910            | 10                    | J. E. MOORE            |                                  |
| 2-4-1910            | 112                   | BARBER LUMBER CO.      |                                  |
| 3-18-1910           | 1475                  | AMERICAN DITCH ASSN.   | CHANGE IN POINT OF DIVERSION ONL |
| 3-31-1910           | 210                   | NICHOLS & COOPER       | CHANGE IN POINT OF DIVERSION ONL |
| 6-7-1910            | 20                    | J. P. CLEEK            |                                  |
| 11-14-1910          | 50                    | J. A. CARTRIGHT        |                                  |
| 3-14-1911           | 40                    | J. D. ROLAND           | CHANGE IN POINT OF DIVERSION ONL |
| 9-18-1912           | 25                    | H. E. MEEK             |                                  |
| 11-25-1912          | 60                    | H. L. RANDALL & OTHERS |                                  |
| 11-25-1912)         | 1017                  | H. L. RANDALL & OTHERS |                                  |
| 11-25-1912)         |                       |                        |                                  |
| 6-8-1914            | 1000                  | BOISE FRUIT TRACT CO.  |                                  |
| 7-15-1918           | 432                   | PIONEER IRRIG. DIST.   | LICENSED RIGHT INDIAN CREEK      |
| 4-20-1921           | 17.5                  | EMMA M. FOWLER         |                                  |
| 4-20-1921           | 77                    | JOHN F. GROOME         |                                  |
| 2-6-1925            | 7                     | C. E. WHITE            |                                  |
| 2-6-1925            | 7                     | FRANK WEASEL           |                                  |
| 2-6-1925            | 7                     | CARL A. GISH           |                                  |
| 5-1925              | 10                    | NELLIE B. WHITAKER     |                                  |
| 3-16-1926           | 56.2                  | HENRY W. BARTLETT      |                                  |
| 4-26-1926           | 18.7                  | L. A. RICE             |                                  |
| 5-6-1926            | 20                    | H. D. PARKS            |                                  |
| 5-6-1926            | 10                    | A. G. WING             |                                  |
| 7-8-1926            | 20                    | MARY F. LEACH          |                                  |
| 7-8-1926            | 13.3                  | H. E. MCCONNELL        |                                  |
| 7-8-1926            | 20                    | H. W. BARTLETT         |                                  |
| 7-8-1926            | 20                    | E. E. SMITH            |                                  |
| 8-13-1926           | 7.5                   | RUSH CHASE             |                                  |
| 8-21-1926           | 20                    | FRED EGGERS            |                                  |
| 9-15-1926           | 14.4                  | A. C. BOWERMAN         |                                  |
| 11-16-1926          | 25                    | G. R. MCGUIRE          |                                  |
| 12-2-1927           | 20                    | CHAS. P. MACE          |                                  |
| 7-2-1928            | 12.5                  | O. E. ALLISON          | FORMERLY MIDDLETON WATER         |
| 7-6-1929            | 445                   | W. H. TULLER           |                                  |
| 7-12-1929           | 5                     | C. C. WOOD             |                                  |
| 11-18-1929          | 10                    | CHASE N. WALKER        |                                  |
| 4-7-1930            | 3                     | FRANK P. WEASEL        |                                  |
| 5-27-1932           | 50                    | W. SCOTT ANDERSON      |                                  |
| 5-27-1932           | 25                    | FARMERS UNION DITCH    |                                  |
| 5-15-1934           | 15                    | A. B. WHITNEY          |                                  |
| 12-31-1934          | 34.37                 | FEDERAL LAND BANK      |                                  |
| 9-9-1938            | 10                    | BOISE TRUST CO.        | SOMERMEIR                        |
| 9-9-1938            | 10                    | BOISE TRUST CO.        | FALK                             |
| 4-29-1940           | 50                    | W. F. TRACY            |                                  |
| 11-12-1942          | 35                    | S. E. SMITH            |                                  |
| 10-18-1943          | 25                    | W. W. HOWELL           | LARSON TRACT                     |
| 10-18-1943          | 50                    | W. W. HOWELL           | HAMMING TRACT                    |
| 10-18-1943          | 25                    | W. W. HOWELL           | BUDGE TRACT                      |

| <u>QUANTITY</u><br><u>IN ACRES</u> | <u>BY WHOM</u><br><u>TRANSFERRED</u> | <u>REMARKS</u>                    |
|------------------------------------|--------------------------------------|-----------------------------------|
| 15                                 | WALTER S. BRUCE                      |                                   |
| 100                                | C. H. ROSENBERGER                    | CHANGE IN POINT OF DIVERSION ONLY |
| 605                                | WM. M. MESSLER                       |                                   |
| 10                                 | J. E. MOORE                          |                                   |
| 112                                | BARBER LUMBER CO.                    |                                   |
| 475                                | AMERICAN DITCH ASSN.                 | CHANGE IN POINT OF DIVERSION ONLY |
| 210                                | NICHOLS & COOPER                     | CHANGE IN POINT OF DIVERSION ONLY |
| 20                                 | J. P. CLEEK                          |                                   |
| 50                                 | J. A. CARTRIGHT                      |                                   |
| 40                                 | J. D. ROLAND                         | CHANGE IN POINT OF DIVERSION ONLY |
| 25                                 | H. E. MEEK                           |                                   |
| 60                                 | H. L. RANDALL & OTHERS               |                                   |
| 1017                               | H. L. RANDALL & OTHERS               |                                   |
| 1000                               | BOISE FRUIT TRACT CO.                |                                   |
| 432                                | PIONEER IRRIG. DIST.                 | LICENSED RIGHT INDIAN CREEK       |
| 17.5                               | EMMA M. FOWLER                       |                                   |
| 77                                 | JOHN F. GROOME                       |                                   |
| 7                                  | C. E. WHITE                          |                                   |
| 7                                  | FRANK WEASEL                         |                                   |
| 7                                  | CARL A. GISH                         |                                   |
| 10                                 | NELLIE B. WHITAKER                   |                                   |
| 56.2                               | HENRY W. BARTLETT                    |                                   |
| 18.7                               | L. A. RICE                           |                                   |
| 20                                 | H. D. PARKS                          |                                   |
| 10                                 | A. G. WING                           |                                   |
| 20                                 | MARY F. LEACH                        |                                   |
| 13.3                               | H. E. MCCONNELL                      |                                   |
| 20                                 | H. W. BARTLETT                       |                                   |
| 20                                 | E. E. SMITH                          |                                   |
| 7.5                                | RUSH CHASE                           |                                   |
| 20                                 | FRED EGGERS                          |                                   |
| 14.4                               | A. C. BOWERMAN                       |                                   |
| 25                                 | G. R. MCGUIRE                        | FORMERLY MIDDLETON WATER          |
| 20                                 | CHAS. P. MACE                        |                                   |
| 12.5                               | O. E. ALLISON                        |                                   |
| 445                                | W. H. TULLER                         |                                   |
| 5                                  | C. C. WOOD                           |                                   |
| 10                                 | CHASE N. WALKER                      |                                   |
| 3                                  | FRANK P. WEASEL                      |                                   |
| 50                                 | W. SCOTT ANDERSON                    |                                   |
| 25                                 | FARMERS UNION DITCH                  |                                   |
| 15                                 | A. B. WHITNEY                        |                                   |
| 34.37                              | FEDERAL LAND BANK                    |                                   |
| 10                                 | BOISE TRUST CO.                      | SOMERMEIR                         |
| 10                                 | BOISE TRUST CO.                      | FALK                              |
| 30                                 | W. F. TRACY                          |                                   |
| 35                                 | S. E. SMITH                          |                                   |
| 25                                 | W. W. HOWELL                         | LARSON TRACT                      |
| 30                                 | W. W. HOWELL                         | HAMMING TRACT                     |
| 25                                 | W. W. HOWELL                         | BUDGE TRACT                       |

| NO. OF<br>TRANS. | POINT OF DIVERSION |                | PRIORITY |         | DATE OF<br>TRANSFER | QU<br>IN |
|------------------|--------------------|----------------|----------|---------|---------------------|----------|
|                  | FROM               | TO             | NO.      | DATE    |                     |          |
| 660              | RIVERSIDE          | PIONEER DIXIE  | 88       | 6-1-83  | 4-11-1944           |          |
| 694              | CONSUMERS          | SETTLERS       | 30       | 5-1-66  | 4-29-1946           |          |
| 694              | "                  | "              | 30       | 5-1-66  | 4-29-1946           |          |
| 694              | "                  | "              | 30       | 5-1-66  | 4-29-1946           |          |
| 701              | "                  | "              | 30       | 5-1-66  | 4-29-1946           |          |
| 702              | "                  | NEW YORK       | 30       | 5-1-66  | 12-20-1946          |          |
| 712              | "                  | SETTLERS       | 30       | 5-1-66  | 12-20-1946          |          |
| 712              | "                  | "              | 30       | 5-1-66  | 6-14-1947           |          |
| 712              | "                  | "              | 30       | 5-1-66  | 6-14-1947           |          |
| 713              | "                  | "              | 30       | 5-1-66  | 6-14-1947           |          |
| 717              | SIEBENBERG         | NEW DRY CREEK  | 30       | 5-1-66  | 6-14-1947           |          |
| 720              | CONSUMERS          | FARMERS CO-OP  | 9        | 6-1-65  | 11-25-1947          |          |
| 720              | "                  | SETTLERS       | 30       | 5-1-66  | 5-4-1948            |          |
| 720              | "                  | "              | 30       | 5-1-66  | 5-4-1948            |          |
| 720              | "                  | "              | 30       | 5-1-66  | 5-4-1948            |          |
| 720              | "                  | "              | 30       | 5-1-66  | 5-4-1948            |          |
| 720              | "                  | "              | 30       | 5-1-66  | 5-4-1948            |          |
| 736              | THURMAN MILL       | "              | 30       | 5-1-66  | 5-4-1948            |          |
| 736              | CONSUMERS          | "              | 37       | 6-1-68  | 3-9-1949            |          |
| 739              | "                  | "              | 30       | 5-1-66  | 3-9-1949            |          |
| 753              | "                  | "              | 30       | 5-1-66  | 4-2-1949            |          |
| 754              | "                  | "              | 30       | 5-1-66  | 4-14-1950           |          |
| 790              | HILLCREST          | MIDDLETON MILL | 30       | 5-1-66  | 4-14-1950           |          |
| 790              | "                  | NEW YORK       | 8        | 9-1-64  | 3-28-1952           |          |
| 790              | "                  | "              | 45       | 6-1-69  | 3-28-1952           | 1000     |
| 823              | CONSUMERS          | "              | 96       | 10-1-87 | 3-28-1952           | 17       |
| 829              | "                  | SETTLERS       | 30       | 5-1-66  | 7-13-1954           | 60       |
| 871              | THURMAN MILL       | "              | 30       | 5-1-66  | 9-3-1954            | 300      |
| 872              | "                  | "              | 36       | 6-1-68  | 10-2-1956           | 24       |
| 873              | CONSUMERS          | "              | 36       | 6-1-68  | 10-2-1956           | 14       |
| 890              | "                  | "              | 30       | 5-1-66  | 10-2-1956           | 11       |
| 906              | "                  | "              | 30       | 5-1-66  | 7-11-1957           | 10       |
| 917              | "                  | "              | 30       | 5-1-66  | 4-3-58              | 5        |
| 918              | "                  | "              | 30       | 5-1-66  | 12-15-58            | 5        |
| 940              | "                  | "              | 30       | 5-1-66  | 12-15-58            | 10       |
| 976              | "                  | "              | 30       | 5-1-66  | 2-15-60             | 1        |
| 977              | "                  | NEW YORK       | 30       | 5-1-66  | 1-17-62             | 2.       |
| 979              | "                  | SETTLERS       | 30       | 5-1-66  | 1-17-62             | 75       |
| 980              | "                  | "              | 30       | 5-1-66  | 2-23-62             | 10       |
| 989              | "                  | "              | 30       | 5-1-66  | 2-23-62             | 5        |
| 990              | "                  | "              | 30       | 5-1-66  | 5-29-62             | 6        |
| 991              | "                  | "              | 30       | 5-1-66  | 7-5-62              | 10       |
| 1007             | "                  | "              | 30       | 5-1-66  | 7-5-62              | 4        |
| 1009             | NEW DRY CREEK      | NEW YORK       | 30       | 5-1-66  | 4-17-63             | 8        |
| 1010             | CONSUMERS          | DRAIN DITCH    | 73-A     | 4-1-80  | 5-16-63             | 50       |
| 1011             | "                  | NEW YORK       | 30       | 5-1-66  | 6-14-63             | 5        |
| 1017             | "                  | RIVER          | 30       | 5-1-66  | 6-3-63              | 100      |
| 1033             | "                  | NEW YORK       | 30       | 5-1-66  | 9-26-63             | 150      |
| 1038             | "                  | MORE'S CREEK   | 30       | 5-1-66  | 9-4-64              | 30       |
| 1048             | BOISE CITY         | PHYLLIS        | 30       | 5-1-66  | 10-28-64            | 100      |
| 1059             | "                  | FARMERS UNION  | 33       | 6-1-66  | 5-20-65             | 1085.75  |
|                  |                    | "              | 33       | 6-1-66  | 10-28-65            | 4.38     |
|                  |                    |                |          |         |                     | 5.00     |

# TRANSFERS OF DECREEED RIGHTS ON BOISE RIVER

| <u>DATE OF<br/>TRANSFER</u> | <u>QUANTITY<br/>IN INCHES</u> | <u>BY WHOM<br/>TRANSFERRED</u> | <u>REMARKS</u>                          |
|-----------------------------|-------------------------------|--------------------------------|-----------------------------------------|
| 4-11-1944                   | 30                            | D. W. BALDWIN                  |                                         |
| 4-29-1946                   | 8                             | W. W. HOWELL                   | KENNETH O. EARL                         |
| 4-29-1946                   | 6                             | "                              | L. R. FEWKES                            |
| 4-29-1946                   | 7                             | "                              | D. G. STARK                             |
| 4-29-1946                   | 13                            | "                              | G. W. KYLE                              |
| 12-20-1946                  | 100                           | "                              | REX JENSON (BOISE-KUNA IRRIG. DIST.)    |
| 12-20-1946                  | 30                            | "                              | MRS. EDITH CURTIS                       |
| 6-14-1947                   | 10                            | "                              | CLYDE SIMPSON                           |
| 6-14-1947                   | 10                            | "                              | JOHN DEMOND                             |
| 6-14-1947                   | 25                            | "                              | LEN SIMPSON                             |
| 6-14-1947                   | 27                            | "                              | J. S. BEEDE                             |
| 11-25-1947                  | 32                            | R. M. TUCKER                   |                                         |
| 5-4-1948                    | 10                            | W. W. HOWELL                   | W. E. DOTY                              |
| 5-4-1948                    | 10                            | "                              | TOM ERQUIAGA                            |
| 5-4-1948                    | 7                             | "                              | LOUIS ODERMOTT                          |
| 5-4-1948                    | 10                            | "                              | W. H. CALDWELL                          |
| 5-4-1948                    | 20                            | "                              | NORMAN C. STEELE                        |
| 5-4-1948                    | 10                            | "                              | GEORGE BERT ROYLANCE                    |
| 3-9-1949                    | 50                            | AIRCRAFT SERVICE CO.           |                                         |
| 3-9-1949                    | 55                            | W. W. HOWELL                   |                                         |
| 4-2-1949                    | 7.5                           | "                              |                                         |
| 4-14-1950                   | 23                            | J. R. FIELD                    | 8" HAGER TRACT, 15" KIMBLE TRACT        |
| 4-14-1950                   | 20                            | J. R. FIELD                    | BRINK TRACT                             |
| 3-28-1952                   | 1000                          | FOREST SOWER                   |                                         |
| 3-28-1952                   | 17                            | "                              |                                         |
| 3-28-1952                   | 60                            | "                              |                                         |
| 7-13-1954                   | 300                           | G. S. TAYLOR                   | BOISE-KUNA IRRIGATION DIST.             |
| 9-3-1954                    | 24                            | "                              | 10" TO THE GOLDEN KENT TRACT AND 14" TO |
| 10-2-1956                   | 14.4                          | J. FRANK BRYCE                 |                                         |
| 10-2-1956                   | 11                            | GEORGE D. KEYSER, JR.          |                                         |
| 10-2-1956                   | 10                            | G. S. TAYLOR                   |                                         |
| 7-11-1957                   | 5                             | FRANCIS H. NEITZEL             | THEODORE L. JOHNSON TRACT               |
| 4-3-58                      | 5                             | " "                            | R. S. POTTER TRACT                      |
| 12-15-58                    | 10                            | " "                            | R. W. WHITE TRACT                       |
| 12-15-58                    | 1.25                          | " "                            | EDWARD C. MAW & F. LEROY SPRAGUE TRACT  |
| 2-15-60                     | 2.5                           | " "                            | H. P. IRBY TRACT                        |
| 1-17-62                     | 75                            | G. S. TAYLOR                   | EARL M. & DELLA LUKEHART TRACT          |
| 1-17-62                     | 10                            | "                              | SYMMS FRUIT RANCH, INC.                 |
| 2-23-62                     | 5                             | "                              | EVERETT RAMBO TRACT                     |
| 2-23-62                     | 6                             | "                              | R. E. DAISY M. THOMPSON TRACT           |
| 5-29-62                     | 10                            | "                              | CHESNEY LITTLE TRACT                    |
| 7-5-62                      | 4                             | "                              | THERION E. CHRISTENSEN TRACT            |
| 7-5-62                      | 8                             | "                              | LYLE F. TRAPP TRACT                     |
| 4-17-63                     | 50                            | "                              | CHARLES G. HYDE TRACT                   |
| 5-16-63                     | 5                             | NEW DRY CREEK                  | GLENN DRAPER                            |
| 6-14-63                     | 100                           | G. S. TAYLOR                   | R. B. BETTY                             |
| 6-3-63                      | 150                           | "                              | JOHN DOBSON                             |
| 9-26-63                     | 30                            | "                              | SURPRISE VALLEY FARMS                   |
| 9-4-64                      | 100                           | "                              | FRANCIS HERMAN                          |
| 10-28-64                    | 1085.75                       | "                              | CARL NICHOLSON                          |
| 5-20-65                     | 4.38                          | BOISE CITY CANAL               | PIONEER IRRIGATION DIST.                |
| 10-28-65                    | 5.00                          | "                              | LEATHERMAN & BINGMAN                    |
|                             |                               |                                | W. T. & HATTIE M. SPRINGER              |

BY WHOM  
TRANSFERRED

## REMARKS

D. W. BALDWIN  
W. W. HOWELL

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R. M. TUCKER

W. W. HOWELL

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AIRCRAFT SERVICE CO.

W. W. HOWELL

"

J. R. FIELD

J. R. FIELD

FOREST SOWER

"

"

G. S. TAYLOR

"

J. FRANK BRYCE

GEORGE D. KEYSER, JR.

G. S. TAYLOR

FRANCIS H. NEITZEL

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G. S. TAYLOR

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NEW DRY CREEK

G. S. TAYLOR

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BOISE CITY CANAL

"

KENNETH O. EARL

L. R. FEWKES

D. G. STARK

G. W. KYLE

REX JENSON (BOISE-KUNA IRRIG. DIST.)

MRS. EDITH CURTIS

CLYDE SIMPSON

JOHN DEMOND

LEN SIMPSON

J. S. BEEDE

W. E. DOTY

TOM ERQUIAGA

LOUIS ODERMOTT

W. H. CALDWELL

NORMAN C. STEELE

GEORGE BERT ROYLANCE

8" HAGER TRACT, 15" KIMBLE TRACT  
BRINK TRACT

BOISE-KUNA IRRIGATION DIST.

10" TO THE GOLDEN KENT TRACT AND 14" TO THE EDMUND BUCKLEY TRACT

THEODORE L. JOHNSON TRACT

R. S. POTTER TRACT

R. W. WHITE TRACT

EDWARD C. MAW &amp; F. LEROY SPRAGUE TRACT

H. P. IRBY TRACT

EARL M. &amp; DELLA LUKEHART TRACT

SYMMS FRUIT RANCH, INC.

EVERETT RAMBO TRACT

R. E. DAISY M. THOMPSON TRACT

CHESNEY LITTLE TRACT

THERION E. CHRISTENSEN TRACT

LYLE F. TRAPP TRACT

CHARLES G. HYDE TRACT

GLENN DRAPER

R. B. BETTY

JOHN DOBSON

SURPRISE VALLEY FARMS

FRANCIS HERMAN

CARL NICHOLSON

PIONEER IRRIGATION DIST.

LEATHERMAN &amp; BINGMAN

W. T. &amp; HATTIE M. SPRINGER

| NO. | DATE    | NAME                          | AMOUNT DECREED<br>SEC. FT. INCHES |
|-----|---------|-------------------------------|-----------------------------------|
| 1.  | X6-1-64 | THOMAS DAVIS                  | 2.20 110                          |
| 2.  | X6-1-64 | JACOBS CANAL CO.              | 20.00 1000                        |
| 3.  | X6-1-64 | MIDDLETON MILL DITCH          | 12.80 640                         |
| 4.  | X6-1-64 | THOMAS ANDREWS                | 3.30 165                          |
| 5.  | X6-1-64 | CATLIN & MACE                 | 2.86 143                          |
| 6.  | X6-1-64 | T. C. CATLIN                  | 3.30 165                          |
| 7.  | X6-1-64 | C. C. HAVIRD                  | 3.30 165                          |
| 8.  | X6-1-64 | PIONEER DIXIE DITCH CO.       | 20.00 1000                        |
| 9.  | X6-1-65 | SIEBENBERG DITCH CO.          | 13.42 671                         |
| 10. | X6-1-65 | ALLEN V. WEBSTER              | 1.20 60                           |
| 11. | X6-1-65 | U. F. YARYAN                  | .66 33                            |
| 12. | X6-1-65 | GRAHAM & GILBERT              | 4.40 220                          |
| 13. | X6-1-65 | EUREKA WATER CO.              | 33.32 1666                        |
| 14. | X6-1-65 | NEW UNION DITCH CO.           | 13.76 688                         |
| 15. | X6-1-65 | BOISE VALLEY IRRIG. DITCH CO. | 54.58 2729                        |
| 16. | X6-1-65 | RIDENBAUGH & ROSSI            | 9.20 460                          |
| 17. | X6-1-65 | RIDENBAUGH & ROSSI (POWER)    | 265.80 13290                      |
| 18. | X6-1-65 | DENVER & IDAHO LAND CO.       | .80 40                            |
| 19. | X6-1-65 | MARTHA BOWMAN                 | 2.88 144                          |
| 20. | X6-1-65 | BIRD BOWMAN                   | 6.40 320                          |
| 21. | X6-1-65 | G. W. GESS                    | 2.90 145                          |
| 22. | X6-1-65 | ROBERT MCGUIRE                | 3.20 160                          |
| 23. | X6-1-65 | G. W. COOPER                  | 3.20 160                          |
| 24. | X6-1-65 | J. W. ROLAND                  | 2.40 120                          |
| 25. | X6-1-65 | DRAPER & WELLS                | 3.94 197                          |
| 26. | X6-1-65 | THOMAS J. PALMER              | 1.60 80                           |
| 27. | X6-1-65 | NOAH W. PALMER                | 1.58 79                           |
| 28. | X6-1-65 | J. N. TUCKER                  | 7.00 350                          |
| 29. | X6-1-65 | THOMAS ANDREWS                | 6.00 300                          |
| 30. | X5-1-66 | J. PERRAULT & R. JOHNSON      | 50.00 2500                        |
| 31. | X6-1-66 | WILLIAM P. KENNEDY            | 2.60 130                          |
| 32. | X6-1-66 | MANVILLE & LEONARD            | 3.50 175                          |
| 33. | 6-1-66  | BOISE CITY CANAL CO.          | 38.06 1903                        |
| 34. | 6-1-66  | FRANKLIN DITCH CO.            | 15.40 770                         |
| 35. | 6-1-67  | CANYON CO. WATER CO.          | 75.80 3790                        |
| 36. | 6-1-68  | MARTHA E. MCCARTHY            | 14.10 705                         |
| 37. | 6-1-68  | H. D. & DORA GOODMAN          | 3.70 185                          |
| 38. | X6-1-68 | T. T. JOHNSON                 | 3.20 160                          |
| 39. | X6-1-68 | ROSS, ALLEN, DILLEY & ROSS    | 8.54 427                          |
| 40. | 6-1-68  | S. S. GRAY                    | 1.40 70                           |
| 41. | X6-1-69 | JOHN MAMMON                   | 1.80 90                           |
| 42. | 6-1-69  | ISAAC BEDAL                   | 1.60 80                           |
| 43. | X6-1-69 | FREDERICH ODE                 | 3.60 180                          |
| 44. | X6-1-69 | PRIOR BURNETT                 | 8.50 425                          |
| 45. | X6-1-69 | PIONEER DIXIE DITCH CO.       | 35.44 1772                        |

| NO. | DATE     | NAME                          |
|-----|----------|-------------------------------|
| 46. | 6-1-69   | MASON CREEK DITCH CO.         |
| 47. | X6-1-69  | T. W. BOONE                   |
| 48. | 6-1-70   | W. J. HAMMING                 |
| 49. | 6-1-70   | PIONEER CANAL                 |
| 50. | 6-1-69   | BARBER LUMBER CO.             |
| 51. | X6-1-70  | THOMAS ANDREWS                |
| 52. | 6-1-71   | CATLIN & MACE                 |
| 53. | 6-1-71   | PETER MEEVES                  |
| 54. | 6-1-71   | MIDDLETON MILL DITCH CO.      |
| 55. | 6-1-72   | J. F. YARYAN                  |
| 56. | 6-1-72   | J. F. YARYAN                  |
| 57. | 6-1-72   | MARY C. DAVIS                 |
| 58. | 6-1-72   | EDWARD N. HART                |
| 59. | X6-1-74  | J. W. BOONE                   |
| 60. | X6-1-75  | FARMERS COOPERATIVE DITCH CO. |
| 61. | 6-1-76   | EDWARD & MARY CLARK           |
| 62. | 6-1-76   | JOHN CECIL                    |
| 63. | 6-1-77   | THOMAS AIKENS                 |
| 64. | 6-1-77   | W. H. CONWAY                  |
| 65. | 6-1-77   | MIDDLETON WATER CO.           |
| 66. | 7-1-77   | PERRAULT & JOHNSON (POWER)    |
| 67. | 5-1-78   | NAMPA MERIDIAN IRRIG. DIST.   |
| 68. | X6-1-78  | JOHN MAMMON                   |
| 69. | X6-1-78  | JULIA MAMMON                  |
| 70. | X6-1-78  | CHARLES ALLEN                 |
| 71. | X6-1-78  | R. H. STOCKTON                |
| 72. | 6-1-79   | NEW DRY CREEK DITCH CO.       |
| 73. | X6-1-79  | D. MUMFORD                    |
| 74. | X6-1-80  | SMITH STOCKTON                |
| 75. | 6-1-80   | ISHAM JOPLIN                  |
| 76. | 10-20-80 | JOSEPH GOBLE                  |
| 77. | 10-29-80 | FRANKLIN DITCH CO.            |
| 78. | 6-1-82   | ALLEN V. WEBSTER              |
| 79. | 6-1-82   | SUSIE CAMPBELL                |
| 80. | 6-1-82   | J. T. BARBER                  |
| 81. | 6-1-82   | SONORA JOPLIN                 |
| 82. | 6-1-82   | S. W. HUTCHINSON              |
| 83. | 6-1-82   | JOHNSON                       |
| 84. | 6-1-82   | ANDREW J. JOPLIN              |
| 85. | 6-1-82   | JAMES L. GRAHAM               |
| 86. | X6-1-83  | FARMERS CO-OP DITCH           |
| 87. | 6-8-83   | FRANCIS M. JOPLIN             |
| 88. | X6-1-83  | W. A. BLACK                   |
| 89. | X11-9-83 | EUREKA DITCH CO. NO. 2        |
| 90. | 6-1-84   | PIONEER IRRIG. DIST.          |

X INDICATES RIGHTS SUPPLIED BY RETURN FLOW TO RIVER

| TE | NAME                          | AMOUNT DECREED |        | NO.  | DATE      | NAME                          | AMOUNT   |        |
|----|-------------------------------|----------------|--------|------|-----------|-------------------------------|----------|--------|
|    |                               | SEC. FT.       | INCHES |      |           |                               | SEC. FT. | INCHES |
| 69 | MASON CREEK DITCH CO.         | 37.20          | 1860   | 91.  | X6-1-84   | RIVERSIDE IRRIG. DIST.        | 20.00    |        |
| 69 | T. W. BOONE                   | 3.50           | 175    | 92.  | 10-17-84  | SETTLERS CANAL CO.            | 99.06    |        |
| 70 | W. J. HAMMING                 | 2.60           | 130    | 93.  | 6-1-86    | NEW DRY CREEK DITCH           | 15.22    |        |
| 70 | PIONEER CANAL                 | 25.72          | 1286   | 94.  | 6-1-86    | THOMAS DAVIS                  | 13.40    |        |
| 69 | BARBER LUMBER CO.             | 2.24           | 112    | 95.  | X1-23-87  | WM. C., L. & E. YOUNG         | 4.00     |        |
| 70 | THOMAS ANDREWS                | 1.30           | 65     | 96.  | X10-1-87  | AMERICAN DITCH ASSOC.         | 47.80    |        |
| 71 | CATLIN & MACE                 | 7.86           | 393    | 97.  | 6-1-88    | NEW DRY CREEK DITCH CO.       | 7.86     |        |
| 71 | PETER MEEVES                  | 1.80           | 90     | 98.  | 6-1-88    | A. V. LINDER                  | 4.00     |        |
| 71 | MIDDLETON MILL DITCH CO.      | 33.70          | 1685   | 99.  | 6-1-88    | LEVI SMITH                    | 1.30     |        |
| 72 | J. F. YARYAN                  | .70            | 35     | 100. | 6-1-88    | CHARLOTTE CALHOUN             | 1.40     |        |
| 72 | J. F. YARYAN                  | 1.40           | 70     | 101. | 6-1-88    | ED. J. LINDER                 | 1.46     |        |
| 72 | MARY C. DAVIS                 | 4.40           | 220    | 102. | 6-1-88    | LIZZIE EVERETT                | 1.20     |        |
| 72 | EDWARD N. HART                | 3.30           | 165    | 103. | 6-1-88    | JESSIE WILSON                 | 1.40     |        |
| 74 | J. W. BOONE                   | 2.20           | 110    | 104. | X6-1-88   | THOMAS ANDREWS                | .90      |        |
| 75 | FARMERS COOPERATIVE DITCH CO. | 10.00          | 500    | 105. | X7-1-88   | FARMERS CO-OP DITCH CO.       | 50.00    |        |
| 76 | EDWARD & MARY CLARK           | 2.30           | 115    | 106. | 8-20-88   | NAMPA MERIDIAN IRRIG. DIST.   | 370.84   |        |
| 76 | JOHN CECIL                    | .44            | 22     | 107. | 5-1-89    | CHAS. S. MILLER               | .06      |        |
| 77 | THOMAS AIKENS                 | 5.20           | 260    | 108. | 5-1-89    | LOMMIS S. HOSELEY             | .02      |        |
| 77 | W. H. CONWAY                  | .90            | 45     | 109. | 5-1-89    | S. J. UTTER & C. B. TAYLOR    | 2.40     |        |
| 77 | MIDDLETON WATER CO.           | 114.08         | 5704   | 110. | 5-1-89    | SOUTH BOISE MUTUAL IRRIG. CO. | 6.00     |        |
| 77 | PERRAULT & JOHNSON (POWER)    | 200.00         | 10000  | 111. | 5-1-89    | ESTATE OF J. H. GALLAGHER     | 2.94     |        |
| 78 | NAMPA MERIDIAN IRRIG. DIST.   | 170.00         | 8500   | 112. | 5-1-89    | ANNA H. FOGARTY               | .05      |        |
| 78 | JOHN MAMMON                   | 4.20           | 210    | 113. | 5-1-89    | GRACE CALL                    | .10      |        |
| 78 | JULIA MAMMON                  | 3.36           | 168    | 114. | 5-1-89    | SAMUEL H. CANFIELD            | .03      |        |
| 78 | CHARLES ALLEN                 | 8.80           | 440    | 115. | 6-1-89    | SONORA JOPLIN                 | .06      |        |
| 78 | R. H. STOCKTON                | 4.40           | 220    | 116. | 6-1-89    | SONORA JOPLIN                 | 1.20     |        |
| 79 | NEW DRY CREEK DITCH CO.       | 31.32          | 1566   | 117. | 9-1-90    | PIONEER IRRIG. DISTRICT       | 200.00   | 100    |
| 79 | D. MUMFORD                    | 4.00           | 200    | 118. | 6-1-91    | W. H. CONWAY                  | 2.20     |        |
| 80 | SMITH STOCKTON                | 1.76           | 88     | 119. | 6-1-91    | THOMAS DAVIS                  | .54      |        |
| 80 | ISHAM JOPLIN                  | 2.40           | 120    | 120. | 6-1-91    | MIDDLETON MILL DITCH CO.      | 17.00    | 8      |
| 80 | JOSEPH GOBLE                  | .90            | 45     | 121. | X6-1-91   | THOMAS ANDREWS                | 3.50     | 1      |
| 80 | FRANKLIN DITCH CO.            | 27.60          | 1380   | 122. | 6-1-91    | SETTLERS CANAL CO.            | 79.44    | 36     |
| 82 | ALLEN V. WEBSTER              | .90            | 45     | 123. | 6-1-91    | THOMAS AIKEN                  | .80      |        |
| 82 | SUSIE CAMPBELL                | .60            | 30     | 124. | X5-1-93   | RIVERSIDE IRRIG. DIST.        | 80.00    | 400    |
| 82 | J. T. BARBER                  | 1.60           | 80     | 125. | X6-1-94   | R. H. STOCKTON                | 1.76     |        |
| 82 | SONORA JOPLIN                 | 3.40           | 170    | 126. | 7-2-94    | FARMERS UNION DITCH CO.       | 110.00   | 550    |
| 82 | S. W. HUTCHINSON              | .44            | 22     | 127. | 5-1-95    | CHARLES REIN & JANE KEOGH     | 1.00     | 5      |
| 82 | JOHNSON                       | .44            | 22     | 128. | 7-1-95    | MATHEW CASEY                  | .66      | 9      |
| 82 | ANDREW J. JOPLIN              | 2.86           | 143    | 129. | X7-1-96   | FARMERS CO-OP. DITCH CO.      | 83.50    | 417    |
| 82 | JAMES L. GRAHAM               | 2.20           | 110    | 130. | X10-1-99  | RIVERSIDE IRRIG. DIST.        | 20.00    | 1000   |
| 83 | FARMERS CO-OP DITCH           | 20.00          | 1000   | 131. | 3-23-00   | NEW YORK CANAL CO.            | 219.10   | 1095   |
| 83 | FRANCIS M. JOPLIN             | .90            | 45     | 132. | X5-17-00  | CANYON DITCH CO.              | 10.00    | 500    |
| 83 | W. A. BLACK                   | 12.00          | 600    | 133. | X6-1-01   | RIVERSIDE IRRIG. DIST.        | 70.00    | 3500   |
| 83 | EUREKA DITCH CO. NO. 2        | 21.70          | 1085   | 134. | X10-25-01 | CANYON DITCH CO.              | 5.54     | 277    |
| 84 | PIONEER IRRIG. DIST.          | 53.10          | 2655   | 135. | 4-1-04    | PIONEER IRRIG. DIST.          | 56.34    | 2817   |

| CREED<br>INCHES | NO.  | DATE      | NAME                          | AMOUNT DECREED |        |
|-----------------|------|-----------|-------------------------------|----------------|--------|
|                 |      |           |                               | SEC. FT.       | INCHES |
| 1860            | 91.  | X6-1-84   | RIVERSIDE IRRIG. DIST.        | 20.00          | 1000   |
| 175             | 92.  | 10-17-84  | SETTLERS CANAL CO.            | 99.06          | 4953   |
| 130             | 93.  | 6-1-86    | NEW DRY CREEK DITCH           | 15.22          | 761    |
| 1286            | 94.  | 6-1-86    | THOMAS DAVIS                  | 13.40          | 670    |
| 112             | 95.  | X1-23-87  | WM. C., L. & E. YOUNG         | 4.00           | 200    |
| 65              | 96.  | X10-1-87  | AMERICAN DITCH ASSOC.         | 47.80          | 2390   |
| 393             | 97.  | 6-1-88    | NEW DRY CREEK DITCH CO.       | 7.86           | 393    |
| 90              | 98.  | 6-1-88    | A. V. LINDER                  | 4.00           | 200    |
| 1685            | 99.  | 6-1-88    | LEVI SMITH                    | 1.30           | 65     |
| 35              | 100. | 6-1-88    | CHARLOTTE CALHOUN             | 1.40           | 70     |
| 70              | 101. | 6-1-88    | ED. J. LINDER                 | 1.46           | 73     |
| 220             | 102. | 6-1-88    | LIZZIE EVERETT                | 1.20           | 60     |
| 165             | 103. | 6-1-88    | JESSIE WILSON                 | 1.40           | 70     |
| 110             | 104. | X6-1-88   | THOMAS ANDREWS                | .90            | 45     |
| 500             | 105. | X7-1-88   | FARMERS CO-OP DITCH CO.       | 50.00          | 2500   |
| 115             | 106. | 8-20-88   | NAMPA MERIDIAN IRRIG. DIST.   | 370.84         | 18542  |
| 22              | 107. | 5-1-89    | CHAS. S. MILLER               | .06            | 3      |
| 260             | 108. | 5-1-89    | LOMMIS S. HOSELEY             | .02            | 1      |
| 45              | 109. | 5-1-89    | S. J. UTTER & C. B. TAYLOR    | 2.40           | 120    |
| 5704            | 110. | 5-1-89    | SOUTH BOISE MUTUAL IRRIG. CO. | 6.00           | 300    |
| 10000           | 111. | 5-1-89    | ESTATE OF J. H. GALLAGHER     | 2.94           | 147    |
| 8500            | 112. | 5-1-89    | ANNA H. FOGARTY               | .05            | 2      |
| 210             | 113. | 5-1-89    | GRACE CALL                    | .10            | 5      |
| 168             | 114. | 5-1-89    | SAMUEL H. CANFIELD            | .03            | 1      |
| 440             | 115. | 6-1-89    | SONORA JOPLIN                 | .06            | 3      |
| 220             | 116. | 6-1-89    | SONORA JOPLIN                 | 1.20           | 60     |
| 1566            | 117. | 9-1-90    | PIONEER IRRIG. DISTRICT       | 200.00         | 10000  |
| 200             | 118. | 6-1-91    | W. H. CONWAY                  | 2.20           | 110    |
| 88              | 119. | 6-1-91    | THOMAS DAVIS                  | .54            | 27     |
| 120             | 120. | 6-1-91    | MIDDLETON MILL DITCH CO.      | 17.00          | 850    |
| 45              | 121. | X6-1-91   | THOMAS ANDREWS                | 3.50           | 175    |
| 1380            | 122. | 6-1-91    | SETTLERS CANAL CO.            | 73.44          | 3672   |
| 45              | 123. | 6-1-91    | THOMAS AIKEN                  | .80            | 40     |
| 30              | 124. | X5-1-93   | RIVERSIDE IRRIG. DIST.        | 80.00          | 4000   |
| 80              | 125. | X6-1-94   | R. H. STOCKTON                | 1.76           | 88     |
| 170             | 126. | 7-2-94    | FARMERS UNION DITCH CO.       | 110.00         | 5500   |
| 22              | 127. | 5-1-95    | CHARLES REIN & JANE KEOGH     | 1.00           | 50     |
| 22              | 128. | 7-1-95    | MATHEW CASEY                  | .66            | 33     |
| 143             | 129. | X7-1-96   | FARMERS CO-OP. DITCH CO.      | 83.50          | 4175   |
| 110             | 130. | X10-1-99  | RIVERSIDE IRRIG. DIST.        | 20.00          | 1000   |
| 1000            | 131. | 3-23-00   | NEW YORK CANAL CO.            | 219.10         | 10955  |
| 45              | 132. | X5-17-00  | CANYON DITCH CO.              | 10.00          | 500    |
| 600             | 133. | X6-1-01   | RIVERSIDE IRRIG. DIST.        | 70.00          | 3500   |
| 1085            | 134. | X10-25-01 | CANYON DITCH CO.              | 5.54           | 277    |
| 2655            | 135. | 4-1-04    | PIONEER IRRIG. DIST.          | 56.34          | 2817   |

## STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

| NAME OF CANAL | CHANGE IN<br>P. OF D. | TRANSFER | PRIORITY<br>NO. | DATE     | AMOUNT DECREED    |                                  |                 | TOTAL<br>SEC. FT. |
|---------------|-----------------------|----------|-----------------|----------|-------------------|----------------------------------|-----------------|-------------------|
|               |                       |          |                 |          | STEWART<br>DECREE | INTERVENORS<br>STEWART<br>DECREE | BRYAN<br>DECREE | INCHES            |
| ANDREWS DITCH |                       |          | 4               | 6-1-1864 | 3.30              |                                  |                 | 165               |
|               |                       |          | 29              | 6-1-1865 | 6.00              |                                  |                 | 300               |
|               |                       |          | 44              | 6-1-1869 | 8.50              |                                  |                 | 425               |
|               |                       |          | 51              | 6-1-1870 | 1.30              |                                  |                 | 65                |
|               |                       |          | 104             | 6-1-1888 | .90               |                                  |                 | 45                |
|               |                       |          | 121             | 6-1-1891 | 3.50              |                                  |                 | 175               |
|               |                       |          |                 |          |                   |                                  |                 | 23.50             |
| BALLANTINE    |                       |          | 98              | 6-1-1888 | 4.00              |                                  |                 | 200               |
|               |                       |          | 99              | 6-1-1888 | 1.30              |                                  |                 | 65                |
|               |                       |          | 100             | 6-1-1888 | 1.40              |                                  |                 | 70                |
|               |                       |          | 101             | 6-1-1888 | 1.46              |                                  |                 | 73                |
|               |                       |          | 102             | 6-1-1888 | 1.20              |                                  |                 | 60                |
|               |                       |          | 103             | 6-1-1888 | 1.40              |                                  |                 | 70                |
|               |                       |          | 123             | 6-1-1891 | .80               |                                  |                 | 40                |
|               |                       |          | 66-A            | 4-1-1878 |                   | .80                              |                 | 40                |
|               |                       |          | 66-C            | 4-1-1878 |                   | 1.40                             |                 | 70                |
|               |                       |          | 66-D            | 4-1-1878 |                   | .80                              |                 | 40                |
|               |                       |          | 85-D            | 5-1-1883 |                   | .7506                            |                 | 37.53             |
|               |                       |          | 136             | 5-1-1906 |                   | .356                             |                 | 17.8              |
|               | 57                    |          | 65              | 6-1-1877 | .60               |                                  |                 | 30                |
|               | 64*                   |          | 102             | 6-1-1888 | .20*              |                                  |                 | 10*               |
|               | 140*                  |          | 85-D            | 5-1-1883 |                   | .06*                             |                 | 3*                |
|               | 151                   |          | 124-A           | 5-1-1893 |                   | .135                             |                 | 6.75              |
|               | 161*                  |          | 103             | 6-1-1888 | .65*              |                                  |                 | 32.5*             |
|               | 174*                  |          | 103             | 6-1-1888 | .24*              |                                  |                 | 12*               |
|               |                       |          |                 |          |                   |                                  |                 | 15.25             |
| R. B. BETTY   |                       | 1009     | 30              | 5-1-1866 | .10               |                                  |                 | 5                 |
|               |                       |          |                 |          |                   |                                  |                 | .10               |
| BOISE CITY    |                       |          | 33              | 6-1-1866 | 38.06             |                                  |                 | 1903              |
|               |                       | 370*     | 33              | 6-1-1866 | 1.124*            |                                  |                 | 56.2*             |
|               |                       | 373*     | 33              | 6-1-1866 | .374*             |                                  |                 | 18.7*             |
|               |                       | 1048*    | 33              | 6-1-1866 | .0875*            |                                  |                 | 4.38*             |
|               |                       | 1059*    | 33              | 6-1-1866 | .10*              |                                  |                 | 5                 |
|               |                       |          |                 |          |                   |                                  |                 | 36.3745           |

\* SUBTRACT

## STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

| NAME OF CANAL                         | CHANGE IN<br>P. OF D.   | PRIORITY<br>TRANSFER NO.                                                                         | DATE                                                                                                                                                 | AMOUNT DECREED                                                                        |                                  |                 | INCHES                                                             | TOTAL<br>SEC. FT. |
|---------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------|-----------------|--------------------------------------------------------------------|-------------------|
|                                       |                         |                                                                                                  |                                                                                                                                                      | STEWART<br>DECREE                                                                     | INTERVENORS<br>STEWART<br>DECREE | BRYAN<br>DECREE |                                                                    |                   |
| BOISE RIVER                           |                         |                                                                                                  |                                                                                                                                                      |                                                                                       |                                  |                 |                                                                    |                   |
| CRAWFORTH PUMP                        | 227                     | 114-A                                                                                            | 5-1-1889                                                                                                                                             |                                                                                       | 1.60                             |                 | 80                                                                 | 1.60              |
| EARL F. & OTTO W. RODEL               |                         | 59-A                                                                                             | 5-1-1875                                                                                                                                             |                                                                                       | 3.20                             |                 | 160                                                                | 3.20              |
| SURPRISE VALLEY FARMS                 |                         | 1011 30                                                                                          | 5-1-1866                                                                                                                                             | 3.00                                                                                  |                                  |                 | 150                                                                | 3.00              |
| BOISE VALLEY<br>LICENSED RIGHT #15242 |                         | 15<br>243                                                                                        | 6-1-1865<br>7-19-1921                                                                                                                                | 54.58                                                                                 |                                  |                 | 2729<br>60                                                         | 55.78             |
| BOONE DITCH                           |                         | 28<br>47<br>59                                                                                   | 6-1-1865<br>6-1-1869<br>6-1-1874                                                                                                                     | 7.00<br>3.50<br>2.20                                                                  |                                  |                 | 350<br>175<br>110                                                  | 12.70             |
| BOWMAN & SWISHER                      | 50<br>51<br>127*<br>224 | 19<br>20<br>20<br>89                                                                             | 6-1-1865<br>6-1-1865<br>6-1-1865<br>11-9-1883                                                                                                        | 2.88<br>6.40<br>.80*<br>.90                                                           |                                  |                 | 144<br>320<br>40*<br>45                                            | 9.38              |
| BUBB (SOUTH BOISE)                    |                         | 107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>8-3<br>29-3<br>51-A<br>116-A<br>4-1-1905 | 5-1-1889<br>5-1-1889<br>5-1-1889<br>5-1-1889<br>5-1-1889<br>5-1-1889<br>5-1-1889<br>5-1-1889<br>4-1-1865<br>4-1-1865<br>1870<br>4-1-1889<br>4-1-1905 | .06<br>.02<br>2.40<br>6.00<br>2.94<br>.05<br>.10<br>.03<br>1.80<br>.50<br>1.00<br>.84 |                                  |                 | 3<br>1<br>120<br>300<br>147<br>2<br>5<br>2<br>90<br>25<br>50<br>42 | 21.14             |
|                                       |                         |                                                                                                  |                                                                                                                                                      |                                                                                       |                                  | 5.40            | 270                                                                |                   |

\*SUBTRACT

## STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

| NAME OF CANAL               | CHANGE IN<br>P. OF D. | TRANSFER | PRIORITY |            | AMOUNT DECREED    |                                  |                 |        | TOTAL<br>SEC. FT. |
|-----------------------------|-----------------------|----------|----------|------------|-------------------|----------------------------------|-----------------|--------|-------------------|
|                             |                       |          | NO.      | DATE       | STEWART<br>DECREE | INTERVENORS<br>STEWART<br>DECREE | BRYAN<br>DECREE | INCHES |                   |
| CALDWELL HIGH LINE          |                       |          | 34       | 6-1-1866   | 15.40             |                                  |                 | 770    |                   |
|                             |                       |          | 46       | 6-1-1869   | 37.20             |                                  |                 | 1860   |                   |
|                             |                       |          | 77       | 10-29-1880 | 27.60             |                                  |                 | 1380   |                   |
|                             | 29*                   |          |          |            | 1.00*             |                                  |                 | 50*    | 79.20             |
|                             |                       |          |          |            |                   |                                  |                 |        |                   |
| CAMPBELL (CANYON DITCH CO.) |                       |          | 132      | 5-17-1900  | 10.00             |                                  |                 | 500    |                   |
|                             |                       |          | 134      | 10-25-1901 | 5.54              |                                  |                 | 277    |                   |
|                             |                       | 38       | 96       | 10-1-1887  | 12.10             |                                  |                 | 605    |                   |
|                             |                       | 105      | 9        | 6-1-1865   | .50               |                                  |                 | 25     | 28.14             |
|                             |                       |          |          |            |                   |                                  |                 |        |                   |
| CANYON COUNTY               |                       |          | 35       | 6-1-1867   | 75.80             |                                  |                 | 3790   |                   |
|                             |                       |          | 35-A     | 6-1-1867   |                   | 1.76                             |                 | 88     |                   |
|                             | 29                    |          |          |            | 1.00              |                                  |                 | 50     |                   |
|                             | 36*                   |          | 35       | 6-1-1867   | .38*              |                                  |                 | 19*    |                   |
|                             | 54*                   |          | 35       | 6-1-1867   | 1.11*             |                                  |                 | 55.5*  |                   |
|                             | 59                    |          | 31       | 6-1-1866   | 2.60              |                                  |                 | 130    |                   |
|                             | 75                    |          |          |            | .50               |                                  |                 | 25     |                   |
|                             | 147                   |          | 35       | 6-1-1867   | .20               |                                  |                 | 10     | 80.37             |
|                             |                       |          |          |            |                   |                                  |                 |        |                   |

\*SUBTRACT

## STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

| NAME OF CANAL      | CHANGE IN<br>P. OF D. | TRANSFER | PRIORITY<br>NO. | DATE     | AMOUNT DECREED    |                                  |                 |          | TOTAL<br>SEC. FT. |
|--------------------|-----------------------|----------|-----------------|----------|-------------------|----------------------------------|-----------------|----------|-------------------|
|                    |                       |          |                 |          | STEWART<br>DECREE | INTERVENORS<br>STEWART<br>DECREE | BRYAN<br>DECREE | INCHES   |                   |
| CRUZEN (CONSUMERS) |                       |          |                 |          |                   |                                  |                 |          |                   |
|                    |                       |          | 30              | 5-1-1866 | 50.00             |                                  |                 | 2500     |                   |
|                    |                       | 654*     | 30              | 5-1-1866 | .50*              |                                  |                 | 25*      |                   |
|                    |                       | 654*     | 30              | 5-1-1866 | 1.00*             |                                  |                 | 50*      |                   |
|                    |                       | 654*     | 30              | 5-1-1866 | .50*              |                                  |                 | 25*      |                   |
|                    |                       | 694*     | 30              | 5-1-1866 | .12*              |                                  |                 | 6*       |                   |
|                    |                       | 694*     | 30              | 5-1-1866 | .16*              |                                  |                 | 8*       |                   |
|                    |                       | 694*     | 30              | 5-1-1866 | .14*              |                                  |                 | 7*       |                   |
|                    |                       | 694*     | 30              | 5-1-1866 | .26*              |                                  |                 | 13*      |                   |
|                    |                       | 701*     | 30              | 5-1-1866 | 2.00*             |                                  |                 | 100*     |                   |
|                    |                       | 702*     | 30              | 5-1-1866 | .60*              |                                  |                 | 30*      |                   |
|                    |                       | 712*     | 30              | 5-1-1866 | .20*              |                                  |                 | 10*      |                   |
|                    |                       | 712*     | 30              | 5-1-1866 | .20*              |                                  |                 | 10*      |                   |
|                    |                       | 712*     | 30              | 5-1-1866 | .50*              |                                  |                 | 25*      |                   |
|                    |                       | 713*     | 30              | 5-1-1866 | .54*              |                                  |                 | 27*      |                   |
|                    |                       | 720*     | 30              | 5-1-1866 | 1.34*             |                                  |                 | 67*      |                   |
|                    |                       | 737*     | 30              | 5-1-1866 | 1.10*             |                                  |                 | 55*      |                   |
|                    |                       | 739*     | 30              | 5-1-1866 | .15*              |                                  |                 | 7.5*     |                   |
|                    |                       | 753*     | 30              | 5-1-1866 | .46*              |                                  |                 | 23*      |                   |
|                    |                       | 754*     | 30              | 5-1-1866 | .40*              |                                  |                 | 20*      |                   |
|                    |                       | 823*     | 30              | 5-1-1866 | 6.00*             |                                  |                 | 300*     |                   |
|                    |                       | 829*     | 30              | 5-1-1866 | .48*              |                                  |                 | 24*      |                   |
|                    |                       | 873*     | 30              | 5-1-1866 | .20*              |                                  |                 | 10*      |                   |
|                    |                       | 890*     | 30              | 5-1-1866 | .10*              |                                  |                 | 5*       |                   |
|                    |                       | 906*     | 30              | 5-1-1866 | .10*              |                                  |                 | 5*       |                   |
|                    |                       | 917*     | 30              | 5-1-1866 | .20*              |                                  |                 | 10*      |                   |
|                    |                       | 918*     | 30              | 5-1-1866 | .025*             |                                  |                 | 1.25*    |                   |
|                    |                       | 940*     | 30              | 5-1-1866 | .05*              |                                  |                 | 2.5*     |                   |
|                    |                       | 976*     | 30              | 5-1-1866 | 1.50*             |                                  |                 | 75*      |                   |
|                    |                       | 977*     | 30              | 5-1-1866 | .20*              |                                  |                 | 10*      |                   |
|                    |                       | 979*     | 30              | 5-1-1866 | .10*              |                                  |                 | 5*       |                   |
|                    |                       | 980*     | 30              | 5-1-1866 | .12*              |                                  |                 | 6*       |                   |
|                    |                       | 989*     | 30              | 5-1-1866 | .20*              |                                  |                 | 10*      |                   |
|                    |                       | 990*     | 30              | 5-1-1866 | .08*              |                                  |                 | 4*       |                   |
|                    |                       | 991*     | 30              | 5-1-1866 | .16*              |                                  |                 | 8*       |                   |
|                    |                       | 1007*    | 30              | 5-1-1866 | 1.00*             |                                  |                 | 50*      |                   |
|                    |                       | 1010*    | 30              | 5-1-1866 | 2.00*             |                                  |                 | 100*     |                   |
|                    |                       | 1011*    | 30              | 5-1-1866 | 3.00*             |                                  |                 | 150*     |                   |
|                    |                       | 1017*    | 30              | 5-1-1866 | .60*              |                                  |                 | 30*      |                   |
|                    |                       | 1035*    | 30              | 5-1-1866 | 2.00*             |                                  |                 | 100*     |                   |
|                    |                       | 1038*    | 30              | 5-1-1866 | 21.715*           |                                  |                 | 1085.75* | 0.00              |

\*SUBTRACT

## STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

| NAME OF CANAL              | CHANGE IN<br>P. OF D. | TRANSFER | PRIORITY<br>NO. | DATE      | AMOUNT DECREED    |                                  |                 |        |          |
|----------------------------|-----------------------|----------|-----------------|-----------|-------------------|----------------------------------|-----------------|--------|----------|
|                            |                       |          |                 |           | STEWART<br>DECREE | INTERVENORS<br>STEWART<br>DECREE | BRYAN<br>DECREE | INCHES | SEC. FT. |
| DAVIS                      |                       |          | 94              | 6-1-1886  | 13.40             |                                  |                 | 670    | 13.40    |
| LITTLE DAVIS               |                       |          | 119             | 6-1-1891  | .54               |                                  |                 | 27.    | .54      |
| <u>EAGLE ISLAND CANALS</u> |                       |          |                 |           |                   |                                  |                 |        |          |
| THOS. AIKEN                |                       |          | 63              | 6-1-1877  | 5.20              |                                  |                 | 260    | 5.20     |
| CATLIN & MACE              |                       |          | 5               | 6-1-1864  | 2.86              |                                  |                 | 143    |          |
|                            |                       |          | 52              | 6-1-1871  | 7.86              |                                  |                 | 393    |          |
|                            | 179*                  |          | 51              | 6-1-1864  |                   |                                  |                 |        |          |
|                            |                       |          | 52)             | 6-1-1871  | .24*              |                                  |                 | 12*    |          |
|                            |                       |          | 138             | 6-14-1912 |                   | .40                              |                 | 20     | 10.88    |
| CONWAY & HAMMING           |                       |          | 48              | 6-1-1870  | 2.60              |                                  |                 | 130    |          |
|                            |                       |          | 64              | 6-1-1877  | .90               |                                  |                 | 45     |          |
|                            |                       |          | 118             | 6-1-1891  | 2.20              |                                  |                 | 110    | 5.70     |
| GRAHAM & GILBERT           |                       |          | 12              | 6-1-1865  | 4.40              |                                  |                 | 220    | 4.40     |
| HART & DAVIS               |                       |          | 6               | 6-1-1864  | 3.30              |                                  |                 | 165    |          |
|                            |                       |          | 57              | 6-1-1872  | 4.40              |                                  |                 | 220    |          |
|                            |                       |          | 58              | 6-1-1872  | 3.30              |                                  |                 | 165    |          |
|                            | 38*)                  |          |                 |           |                   |                                  |                 |        |          |
|                            | 39*)                  |          |                 |           | 1.04*             |                                  |                 | 52*    | 9.96     |
| JOPLIN                     |                       |          | 81              | 6-1-1882  | .80               |                                  |                 | 40     |          |
|                            |                       |          | 115             | 6-1-1889  | .06               |                                  |                 | 3      |          |
|                            |                       |          | 116             | 6-1-1889  | 1.20              |                                  |                 | 60     | 2.06     |
| LEMP DITCH                 |                       |          | 29-A            | 1865      |                   | 6.00                             |                 | 300    | 6.00     |
| MACE & MACE                |                       |          | 137             | 5-1-1909  |                   | 1.60                             |                 | 80     | 1.60     |

\* SUBTRACT

## STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

| NAME OF CANAL              | CHANGE IN<br>P. OF D. | TRANSFER | PRIORITY<br>NO. | DATE      | AMOUNT DECREED    |                                  |                 |        | TOTAL<br>SEC. FT. |
|----------------------------|-----------------------|----------|-----------------|-----------|-------------------|----------------------------------|-----------------|--------|-------------------|
|                            |                       |          |                 |           | STEWART<br>DECREE | INTERVENORS<br>STEWART<br>DECREE | BRYAN<br>DECREE | INCHES |                   |
| <u>EAGLE ISLAND CANALS</u> |                       |          |                 |           |                   |                                  |                 |        |                   |
| SEVEN SUCKERS              | 38                    |          |                 |           |                   |                                  |                 |        |                   |
|                            | 39                    |          |                 |           | 1.04              |                                  |                 | 52     |                   |
|                            | 179                   |          | 51              | 6-1-1864  | .24               |                                  |                 | 12     |                   |
|                            |                       |          | 52              | 6-1-1871  |                   |                                  |                 |        | 1.28              |
|                            |                       |          |                 |           |                   |                                  |                 |        |                   |
| EUREKA NO. 1               |                       |          | 13              | 6-1-1865  | 33.32             |                                  |                 | 1666   | 33.32             |
|                            |                       |          |                 |           |                   |                                  |                 |        |                   |
| EUREKA NO. 2               |                       |          | 89              | 11-9-1883 | 21.70             |                                  |                 | 1085   |                   |
|                            |                       |          | 47              | 96        | 10-1-1887         | 29.50                            |                 | 1475   |                   |
|                            |                       |          | 62              | 96        | 10-1-1887         | 1.00                             |                 | 50     |                   |
|                            |                       |          | 71              | 24        | 6-1-1865          | .80                              |                 | 40     |                   |
|                            |                       |          |                 |           | 6-1-1865          | .50                              |                 | 25     |                   |
|                            | 85                    |          | 111*            | 96        | 10-1-1887         | 1.20*                            |                 | 60*    |                   |
|                            | 131*                  |          | 89              | 11-9-1883 | .70*              |                                  |                 | 35*    |                   |
|                            | 159                   |          |                 |           | 6-1-1865          | .10                              |                 | 5      |                   |
|                            | 175                   |          | 88              | 6-1-1883  | 1.70              |                                  |                 | 85     |                   |
|                            | 224*                  |          | 89              | 11-9-1883 | .90*              |                                  |                 | 45*    |                   |
|                            | 245*                  |          | 89              | 11-9-1883 | .60*              |                                  |                 | 30*    | 52.35             |

\*SUBTRACT

## STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

| NAME OF CANAL      | CHANGE IN<br>P. OF D. | TRANSFER | PRIORITY |          | STEWART<br>DECREE | INTERVENORS       |                 | INCHES | SEC. FT. |
|--------------------|-----------------------|----------|----------|----------|-------------------|-------------------|-----------------|--------|----------|
|                    |                       |          | NO.      | DATE     |                   | STEWART<br>DECREE | BRYAN<br>DECREE |        |          |
|                    |                       |          |          |          |                   |                   |                 |        |          |
| FARMERS UNION      |                       |          | 126      | 7-2-1894 | 110.00            |                   |                 | 5500   |          |
|                    |                       |          | 136      | 2        | 6-1-1864          | 20.00             |                 | 1000   |          |
|                    |                       |          | 370      | 33       | 6-1-1866          | 1.124             |                 | 56.2   |          |
|                    |                       |          | 373      | 33       | 6-1-1866          | .374              |                 | 18.7   |          |
|                    |                       |          | 374      | 65       | 6-1-1877          | .40               |                 | 20     |          |
|                    |                       |          | 375      | 65       | 6-1-1877          | .20               |                 | 10     |          |
|                    |                       |          | 384      | 65       | 6-1-1877          | .40               |                 | 20     |          |
|                    |                       |          | 385      | 65       | 6-1-1877          | .266              |                 | 13.3   |          |
|                    |                       |          | 386      | 65       | 6-1-1877          | .40               |                 | 20     |          |
|                    |                       |          | 387      | 65       | 6-1-1877          | .40               |                 | 20     |          |
|                    |                       |          | 391      | 3)       | 6-1-1864          |                   |                 |        |          |
|                    |                       |          | 391      | 54)      | 6-1-1871          | .15               |                 | 7.5    |          |
|                    |                       |          | 393      | 3        | 6-1-1864)         |                   |                 |        |          |
|                    |                       |          | 393      | 54       | 6-1-1871)         | .288              |                 | 14.4   |          |
|                    |                       |          | 393      | 120      | 6-1-1891)         |                   |                 |        |          |
|                    |                       |          | 395      | 65       | 6-1-1877          | .50               |                 | 25     |          |
|                    |                       |          | 430*     | 65       | 6-1-1877          | .25*              |                 | 12.5*  |          |
|                    | 84                    |          |          | 65       | 6-1-1877          | .80               |                 | 40     |          |
|                    |                       |          | 512      | 1        | 6-1-1864          | 1.00              |                 | 50     |          |
|                    |                       |          | 513      | 1        | 6-1-1864          | .50               |                 | 25     |          |
|                    |                       |          | 530      | 1        | 6-1-1864          | .30               |                 | 15     |          |
|                    |                       |          |          |          | 7-2-1894          |                   | 54.46           | 2723   | 191.312  |
|                    | 1048                  |          |          | 33       | 6-1-1866          | .0875             |                 | 4.375  |          |
|                    | 1059                  |          |          | 33       | 6-1-1866          | .10               |                 | 5      | 191.4995 |
| HAAS DITCH         |                       |          | 39       | 6-1-1868 | 8.54              |                   |                 | 427    |          |
|                    | 176                   |          | 70       | 6-1-1878 | 8.80              |                   |                 | 440    | 17.34    |
| ISLAND HIGH LINE   |                       |          | 71-A     | 4-1-1879 |                   | 3.00              |                 | 150    |          |
|                    |                       |          | 137-A    | 4-1-1910 |                   | 7.00              |                 | 350    |          |
|                    |                       |          | 139      | 4-1-1915 |                   | 10.00             |                 | 500    | 20.00    |
| LARSEN-BAXTER-LEMP |                       |          | 75-A     | 1880     |                   | 3.20              |                 | 160    |          |
|                    |                       |          | 20       | 6-1-1865 | .80               |                   |                 | 40     | 4.00     |
| LAWRENCE & KENNEDY |                       |          | 31-C     | 6-1-1866 |                   | 1.10              |                 | 55     | 1.10     |
| LITTLE PIONEER     |                       |          | 49       | 6-1-1870 | 25.72             |                   |                 | 1286   | 25.72    |

\* SUBTRACT

## STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

| NAME OF CANAL      | CHANGE IN<br>P. OF D. | TRANSFER | PRIORITY  |           | STEWART<br>DECREE | INTERVENORS       |                 | INCHES | SEC. FT. |
|--------------------|-----------------------|----------|-----------|-----------|-------------------|-------------------|-----------------|--------|----------|
|                    |                       |          | NO.       | DATE      |                   | STEWART<br>DECREE | BRYAN<br>DECREE |        |          |
|                    |                       |          |           |           |                   |                   |                 |        |          |
| LOWER CENTER POINT |                       |          |           |           |                   |                   |                 |        |          |
|                    |                       |          | 19        | 6-1-1865  | 2.88              |                   |                 | 144    |          |
|                    |                       |          | 20        | 6-1-1865  | 6.40              |                   |                 | 320    |          |
|                    |                       |          | 21        | 6-1-1865  | 2.90              |                   |                 | 145    |          |
|                    |                       |          | 22        | 6-1-1865  | 3.20              |                   |                 | 160    |          |
|                    |                       |          | 38        | 6-1-1868  | 3.20              |                   |                 | 160    |          |
|                    |                       |          | 43        | 6-1-1869  | 3.60              |                   |                 | 180    |          |
|                    |                       |          | 73        | 6-1-1879  | 4.00              |                   |                 | 200    |          |
|                    | 50*                   |          | 19        | 6-1-1865  | 2.88*             |                   |                 | 144*   |          |
|                    | 51*                   |          | 20        | 6-1-1865  | 6.40*             |                   |                 | 320*   |          |
|                    | 131                   |          | 89        | 11-9-1883 | .70               |                   |                 | 35     | 17.60    |
|                    | 245                   |          | 89        | 11-9-1883 | .60               |                   |                 | 30     | 18.20    |
| MAMMON             |                       |          |           |           |                   |                   |                 |        |          |
|                    |                       |          | 4         | 6-1-1869  | 1.80              |                   |                 | 90     |          |
|                    |                       |          | 68        | 6-1-1878  | 4.20              |                   |                 | 210    |          |
|                    |                       |          | 69        | 6-1-1878  | 3.36              |                   |                 | 168    |          |
|                    |                       |          | 70        | 6-1-1878  | 8.80              |                   |                 | 440    |          |
|                    | 176*                  |          | 70        | 6-1-1878  | 8.80*             |                   |                 | 440*   | 9.36     |
| MANVILLE-LEONARD   |                       |          |           |           |                   |                   |                 |        |          |
|                    |                       |          | 32        | 6-1-1866  | 3.50              |                   |                 | 175    | 3.50     |
| MEEVES             |                       |          |           |           |                   |                   |                 |        |          |
|                    |                       |          | 53        | 6-1-1871  | 1.80              |                   |                 | 90     | 1.80     |
| MIDDLETON MILL     |                       |          |           |           |                   |                   |                 |        |          |
|                    |                       |          | 3         | 6-1-1864  | 12.80             |                   |                 | 640    |          |
|                    |                       |          | 40        | 6-1-1868  | 1.40              |                   |                 | 70     |          |
|                    |                       |          | 54        | 6-1-1871  | 33.70             |                   |                 | 1685   |          |
|                    |                       |          | 120       | 6-1-1891  | 17.00             |                   |                 | 850    |          |
|                    | 54                    |          | 35        | 6-1-1867  | 1.11              |                   |                 | 55.5   |          |
|                    | 75*                   |          |           |           | .50*              |                   |                 | 25*    |          |
|                    | 147*                  |          | 35        | 6-1-1867  | .20*              |                   |                 | 10*    |          |
|                    |                       | 300*     | 30        | 6-1-1864  |                   |                   |                 |        |          |
|                    |                       | 300*     | 54        | 6-1-1871  | .35*              |                   |                 | 17.5*  |          |
|                    |                       | 300*     | 120       | 6-1-1891  |                   |                   |                 |        |          |
|                    |                       | 301*     | 3         | 6-1-1864  |                   |                   |                 |        |          |
|                    |                       | 301*     | 54        | 6-1-1871  | 1.54*             |                   |                 | 77*    |          |
|                    |                       | 301*     | 120       | 6-1-1891  |                   |                   |                 |        |          |
|                    |                       | 347*     | 3         | 6-1-1864  | .14*              |                   |                 | 7*     |          |
|                    |                       | 349*     | 3         | 6-1-1864  | .14*              |                   |                 | 7*     |          |
|                    |                       | 350*     | 3         | 6-1-1864  | .14*              |                   |                 | 7*     |          |
|                    |                       | 391*     | 3         | 6-1-1864  |                   |                   |                 |        |          |
|                    |                       | 391*     | 54        | 6-1-1871  | .15*              |                   |                 | 7.5*   |          |
|                    |                       | 393*     | 30        | 6-1-1864  |                   |                   |                 |        |          |
|                    |                       | 393*     | 54        | 6-1-1871  | .288*             |                   |                 | 14.4*  |          |
|                    |                       | 393*     | 120       | 6-1-1891  |                   |                   |                 |        |          |
|                    |                       | 754      | 30        | 5-1-1866  | .40               |                   |                 | 20     |          |
|                    |                       | 123-A    | 5-15-1893 |           |                   | 1.60              |                 | 80     | 64.562   |

\* SUBTRACT

## STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

| NAME OF CANAL   | CHANGE IN<br>P. OF D. | PRIORITY<br>TRANSFER NO. | DATE     | AMOUNT DECREED    |                   |                 |        | TOTAL<br>SEC. FT. |
|-----------------|-----------------------|--------------------------|----------|-------------------|-------------------|-----------------|--------|-------------------|
|                 |                       |                          |          | INTERVENORS       |                   |                 | INCHES |                   |
|                 |                       |                          |          | STEWART<br>DECREE | STEWART<br>DECREE | BRYAN<br>DECREE |        |                   |
| MIDDLETON WATER |                       | 65                       | 6-1-1877 | 114.08            |                   |                 | 5704   |                   |
|                 | 36                    | 35                       | 6-1-1867 | .38               |                   |                 | 19     |                   |
|                 | 57*                   | 65                       | 6-1-1877 | .60*              |                   |                 | 30*    |                   |
|                 | 61                    | 31-B                     | 6-1-1866 |                   | .60               |                 | 30     |                   |
|                 | 84*                   | 65                       | 6-1-1877 | .80*              |                   |                 | 40*    |                   |
|                 | 126                   | 31-A                     | 6-1-1866 |                   | 2.30              |                 | 115    |                   |
|                 | 357*                  | 65                       | 6-1-1877 | .20*              |                   |                 | 10*    |                   |
|                 | 374*                  | 65                       | 6-1-1877 | .40*              |                   |                 | 20*    |                   |
|                 | 375*                  | 65                       | 6-1-1877 | .20*              |                   |                 | 10*    |                   |
|                 | 384*                  | 65                       | 6-1-1877 | .40*              |                   |                 | 20*    |                   |
|                 | 385*                  | 65                       | 6-1-1877 | .266*             |                   |                 | 13.3*  |                   |
|                 | 386*                  | 65                       | 6-1-1877 | .40*              |                   |                 | 20*    |                   |
|                 | 387*                  | 65                       | 6-1-1877 | .40*              |                   |                 | 20*    |                   |
|                 | 392*                  | 65                       | 6-1-1877 | .40*              |                   |                 | 20*    |                   |
|                 | 395*                  | 65                       | 6-1-1877 | .50*              |                   |                 | 25*    | 112.794           |
| NEW DRY CREEK   |                       | 72                       | 6-1-1879 | 31.32             |                   |                 | 1566   |                   |
|                 |                       | 93                       | 6-1-1886 | 15.22             |                   |                 | 761    |                   |
|                 |                       | 97                       | 6-1-1888 | 7.86              |                   |                 | 393    |                   |
|                 |                       | 129-A                    | 4-1-1897 |                   | .54               |                 | 27     |                   |
|                 |                       | 73-A                     | 4-1-1880 |                   | .54               |                 | 27     |                   |
|                 |                       | 75-A                     | 6-1-1880 |                   | .816              |                 | 40.8   |                   |
|                 |                       | 85-C                     | 5-1-1883 |                   | .203              |                 | 10.15  |                   |
|                 |                       | 85-E                     | 5-1-1883 |                   | .35               |                 | 17.5   |                   |
|                 |                       | 124-A                    | 5-1-1893 |                   | .825              |                 | 41.25  |                   |
|                 |                       | 300 3                    | 6-1-1864 |                   |                   |                 |        |                   |
|                 |                       | 300 54                   | 6-1-1871 | .35               |                   |                 | 17.5   |                   |
|                 |                       | 300 120                  | 6-1-1891 |                   |                   |                 |        |                   |
|                 |                       | 301 3)                   | 6-1-1864 |                   |                   |                 |        |                   |
|                 |                       | 301 54)                  | 6-1-1871 | 1.54              |                   |                 | 77     |                   |
|                 |                       | 301 120)                 | 6-1-1891 |                   |                   |                 |        |                   |
|                 | 64                    | 102                      | 6-1-1888 | .20               |                   |                 | 10     |                   |
|                 | 140                   | 85-D                     | 5-1-1883 |                   | .06               |                 | 3      |                   |
|                 | 151*                  | 124-A                    | 5-1-1893 |                   | .135*             |                 | 6.75*  |                   |
|                 | 161                   | 103                      | 6-1-1888 | .65               |                   |                 | 32.5   |                   |
|                 | 174                   | 103                      | 6-1-1888 | .24               |                   |                 | 12     |                   |
|                 |                       | 713 30                   | 5-1-1866 | .54               |                   |                 | 27     |                   |
|                 | 1009*                 | 73-A                     | 4-1-1880 | .10*              |                   |                 | 5*     | 61.019            |
| NEW UNION       |                       | 14                       | 6-1-1865 | 13.76             |                   |                 | 688    | 13.76             |

\*SUBTRACT

## STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

| NAME OF CANAL   | CHANGE IN<br>P. OF D. | TRANSFER NO. | PRIORITY<br>DATE    | AMOUNT DECREED    |                                  |                 |        | TOTAL<br>SEC. FT. |
|-----------------|-----------------------|--------------|---------------------|-------------------|----------------------------------|-----------------|--------|-------------------|
|                 |                       |              |                     | STEWART<br>DECREE | INTERVENORS<br>STEWART<br>DECREE | BRYAN<br>DECREE | INCHES |                   |
| NEW YORK        |                       |              | 131 3-23-1900       | 219.10            |                                  |                 | 10955  |                   |
|                 |                       |              | 3-23-1900           |                   |                                  |                 | 2943   |                   |
|                 |                       |              | 12-14-1903          |                   |                                  | 58.86           | 67729  |                   |
|                 |                       |              | 6-16-1909           |                   |                                  | 1354.58         | 46325  |                   |
|                 |                       |              | 6-1-1864)           | 20.34             |                                  | 926.50          | 1017   |                   |
|                 |                       |              | 6-1-1869)           |                   |                                  |                 |        |                   |
|                 |                       |              | 45 6-1-1869)        |                   |                                  |                 | 60     |                   |
|                 |                       |              | 790111 96 10-1-1887 | 1.20              |                                  |                 |        |                   |
|                 |                       |              | 466 106 8-20-1888   | 8.90              |                                  |                 | 445    |                   |
|                 |                       |              | 701 30 5-1-1866     | 2.00              |                                  |                 | 100    |                   |
|                 |                       |              | 823 30 5-1-1866     | 6.00              |                                  |                 | 300    |                   |
|                 |                       |              | 976 30 5-1-1866     | 1.50              |                                  |                 | 75     |                   |
|                 |                       |              | 1007 30 5-1-1866    | 1.00              |                                  |                 | 50     |                   |
|                 |                       |              | 1010 30 5-1-1866    | 2.00              |                                  |                 | 100    |                   |
|                 |                       |              | 1017 30 5-1-1866    | .60               |                                  |                 | 30     | 2602.58           |
| O'DONNELL DITCH |                       |              | 114-A 5-1-1889      |                   | 1.60                             |                 | 80     |                   |
|                 |                       |              | 114-B 5-1-1889      |                   | .80                              |                 | 40     |                   |
|                 | 227*                  |              | 114-A 5-1-1889      |                   | 1.60*                            |                 | 80*    |                   |
|                 | 257*                  |              | 114-B 5-1-1889      |                   | .80*                             |                 | 40*    | 0.00              |
|                 |                       |              |                     |                   |                                  |                 |        |                   |
| PARMA DITCH     |                       |              | 71 6-1-1878         | 4.40              |                                  |                 | 220    |                   |
|                 |                       |              | 74 6-1-1880         | 1.76              |                                  |                 | 88     |                   |
|                 |                       |              | 125 6-1-1894        | 1.76              |                                  |                 | 88     |                   |
|                 |                       |              | 77-A 6-1-1881       |                   | 1.60                             |                 | 80     |                   |
|                 |                       |              | 77-B 6-1-1881       |                   | .34                              |                 | 17     |                   |
|                 |                       |              | 77-C 6-1-1881       |                   | .80                              |                 | 40     |                   |
|                 |                       |              | 77-D 6-1-1881       |                   | 1.30                             |                 | 65     |                   |
|                 | 257                   |              | 114-B 5-1-1889      |                   | .80                              |                 | 40     | 12.76             |
|                 |                       |              |                     |                   |                                  |                 |        |                   |
| PENITENTIARY    | 46                    | 50           | 6-1-1866            | 2.24              |                                  |                 | 112    | 2.24              |
| PHYLLIS         |                       |              | 90 6-1-1884         | 53.10             |                                  |                 | 2655   |                   |
|                 |                       |              | 117 9-1-1890        | 200.00            |                                  |                 | 10000  |                   |
|                 |                       |              | 135 4-1-1904        | 56.34             |                                  |                 | 2817   |                   |
|                 |                       |              | 4-1-1905            |                   |                                  | 306.56          | 15328  |                   |
|                 |                       |              | 4-1-1908            |                   |                                  | 54.50           | 2725   |                   |
|                 |                       | 1038 30      | 5-1-1866            | 21.715            |                                  |                 | 1086   | 692.215           |

\*SUBTRACT

## STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

| NAME OF CANAL                 | CHANGE IN<br>P. OF D. | TRANSFER | PRIORITY<br>NO. | DATE      | AMOUNT DECREED    |                                  |                 | TOTAL<br>SEC. FT. |
|-------------------------------|-----------------------|----------|-----------------|-----------|-------------------|----------------------------------|-----------------|-------------------|
|                               |                       |          |                 |           | STEWART<br>DECREE | INTERVENORS<br>STEWART<br>DECREE | BRYAN<br>DECREE | INCHES            |
| PIONEER DIXIE                 |                       |          | 8               | 6-1-1864  | 20.00             |                                  |                 | 1000              |
|                               |                       |          | 45              | 6-1-1869  | 35.44             |                                  |                 | 1772              |
|                               |                       | 36       | 96              | 10-1-1887 | 2.00              |                                  |                 | 100               |
|                               |                       | 48       | 96              | 10-1-1887 | 4.20              |                                  |                 | 210               |
|                               |                       | 62*      | 96              | 10-1-1887 | 1.00*             |                                  |                 | 50*               |
|                               |                       | 111*     | 8)              | 6-1-1864  |                   |                                  |                 |                   |
|                               |                       |          | 45)             | 6-1-1869  | 20.34*            |                                  |                 | 1017*             |
|                               |                       | 608      | 88              | 6-1-1883  | 1.00              |                                  |                 | 50                |
|                               |                       | 644      | 88              | 6-1-1883  | .70               |                                  |                 | 35                |
|                               |                       | 660      | 88              | 6-1-1883  | .60               |                                  |                 | 30                |
|                               | 35*                   |          |                 |           | 2.00*             |                                  |                 | 100*              |
|                               | 148*                  |          | 96              | 10-1-1887 | 1.50*             |                                  |                 | 75*               |
|                               |                       |          |                 |           |                   |                                  |                 | 39.10             |
|                               |                       |          |                 |           |                   |                                  |                 |                   |
|                               |                       |          |                 |           |                   |                                  |                 |                   |
|                               |                       |          |                 |           |                   |                                  |                 |                   |
| RIDENBAUGH (NAMPA & MERIDIAN) |                       |          | 67              | 5-1-1878  | 170.00            |                                  |                 | 8500              |
|                               |                       |          | 106             | 8-20-1888 | 370.84            |                                  |                 | 18542             |
|                               |                       | 392      | 65              | 6-1-1877  | .40               |                                  |                 | 20                |
|                               | 152                   |          | 47-A            | 4-1-1870  |                   | .80                              |                 | 40                |
|                               | 153                   |          | 127             | 5-1-1895  | 1.00              |                                  |                 | 50                |
|                               | 154                   |          | 8-A             | 4-1-1865  |                   | .80                              |                 | 40                |
|                               |                       | 466*     | 106             | 8-20-1888 | 8.90*             |                                  |                 | 445*              |
|                               |                       | 595      | 1               | 6-1-1864  | .20               |                                  |                 | 10                |
|                               |                       |          |                 |           |                   |                                  |                 | 535.14            |
|                               |                       |          |                 |           |                   |                                  |                 |                   |
| RIVERSIDE                     |                       |          | 88              | 6-1-1883  | 12.00             |                                  |                 | 600               |
|                               |                       |          | 91              | 6-1-1884  | 20.00             |                                  |                 | 1000              |
|                               |                       |          | 95              | 1-23-1887 | 4.00              |                                  |                 | 200               |
|                               |                       |          | 124             | 5-1-1893  | 80.00             |                                  |                 | 4000              |
|                               |                       |          | 130             | 10-1-1899 | 20.00             |                                  |                 | 1000              |
|                               |                       |          | 133             | 6-1-1901  | 70.00             |                                  |                 | 3500              |
|                               |                       |          | 77-A            | 4-15-1882 |                   | 3.674                            |                 | 183.7             |
|                               |                       |          | 116-A           | 6-1-1890  |                   | .72                              |                 | 36                |
|                               |                       |          | 116-B           | 6-1-1890  |                   | .10                              |                 | 5                 |
|                               |                       |          | 116-C           | 6-1-1890  |                   | .40                              |                 | 20                |
|                               |                       |          |                 | 4-1-1910  |                   |                                  | 63.78           | 3189              |
|                               |                       |          |                 | 4-1-1914  |                   |                                  | 17.70           | 885               |
|                               |                       | 608*     | 88              | 6-1-1883  | 1.00*             |                                  |                 | 50*               |
|                               |                       | 644*     | 88              | 6-1-1883  | .70*              |                                  |                 | 35*               |
|                               |                       | 660*     | 88              | 6-1-1883  | .60*              |                                  |                 | 30*               |
|                               | 35                    |          |                 |           | 2.00              |                                  |                 | 100               |
|                               | 175*                  |          | 88              | 6-1-1883  | 1.70*             |                                  |                 | 85*               |
|                               |                       |          |                 |           |                   |                                  |                 | 290.374           |

\*SUBTRACT

# STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

| NAME OF CANAL          | CHANGE IN<br>P. OF D. | TRANSFER | PRIORITY<br>NO. | DATE     | AMOUNT DECREED    |                                  |                 |                             |
|------------------------|-----------------------|----------|-----------------|----------|-------------------|----------------------------------|-----------------|-----------------------------|
|                        |                       |          |                 |          | STEWART<br>DECREE | INTERVENORS<br>STEWART<br>DECREE | BRYAN<br>DECREE | TOTAL<br>INCHES<br>SEC. FT. |
| ROSSI MILL             |                       |          | 16              | 6-1-1865 | 9.20              |                                  |                 | 460                         |
|                        |                       |          | 18              | 6-1-1865 | .80               |                                  |                 | 40 10.00                    |
| SEBREE (FARMERS CO-OP) |                       |          | 60              | 6-1-1875 | 10.00             |                                  |                 | 500                         |
|                        |                       |          | 86              | 6-1-1883 | 20.00             |                                  |                 | 1000                        |
|                        |                       |          | 105             | 7-1-1888 | 50.00             |                                  |                 | 2500                        |
|                        |                       |          | 129             | 7-1-1896 | 83.50             |                                  |                 | 4175                        |
|                        |                       |          |                 | 4-1-1905 |                   |                                  |                 | 7722                        |
|                        |                       | 717      | 9               | 6-1-1865 | .64               |                                  | 154.45          | 32 318.59                   |

\*SUBTRACT

## STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

| NAME OF CANAL | CHANGE IN<br>P. OF D. | TRANSFER NO. | PRIORITY<br>NO. | DATE       | AMOUNT DECREED    |                                  |                 | TOTAL<br>SEC. FT. |
|---------------|-----------------------|--------------|-----------------|------------|-------------------|----------------------------------|-----------------|-------------------|
|               |                       |              |                 |            | STEWART<br>DECREE | INTERVENORS<br>STEWART<br>DECREE | BRYAN<br>DECREE | INCHES            |
| SETTLERS      |                       |              | 92              | 10-17-1884 | 99.06             |                                  |                 |                   |
|               |                       |              | 122             | 6-1-1891   | 73.44             |                                  |                 | 4953              |
|               |                       | 347          | 3               | 6-1-1864   | .14               |                                  |                 | 3672              |
|               |                       | 349          | 3               | 6-1-1864   | .14               |                                  |                 | 7                 |
|               |                       | 350          | 3               | 6-1-1864   | .14               |                                  |                 | 7                 |
|               |                       | 357          | 65              | 6-1-1877   | .20               |                                  |                 | 7                 |
|               |                       | 412          | 81              | 6-1-1882   | .40               |                                  |                 | 10                |
|               | 76                    |              | 85-B            | 4-1-1883   |                   | 1.00                             |                 | 20                |
|               | 89                    |              | 85-A            | 6-1-1882   |                   | .72                              |                 | 50                |
|               |                       | 430          | 65              | 6-1-1877   | .25               |                                  |                 | 36                |
|               |                       | 595          | 1               | 6-1-1864   | .20               |                                  |                 | 12.5              |
|               |                       | 654          | 30              | 5-1-1866   | .50               |                                  |                 | 10                |
|               |                       | 654          | 30              | 5-1-1866   | 1.00              |                                  |                 | 25                |
|               |                       | 654          | 30              | 5-1-1866   | .50               |                                  |                 | 50                |
|               |                       | 694          | 30              | 5-1-1866   | .16               |                                  |                 | 25                |
|               |                       | 694          | 30              | 5-1-1866   | .12               |                                  |                 | 8                 |
|               |                       | 694          | 30              | 5-1-1866   | .14               |                                  |                 | 6                 |
|               |                       | 694          | 30              | 5-1-1866   | .26               |                                  |                 | 7                 |
|               |                       | 702          | 30              | 5-1-1866   | .60               |                                  |                 | 13                |
|               |                       | 712          | 30              | 5-1-1866   | .20               |                                  |                 | 30                |
|               |                       | 712          | 30              | 5-1-1866   | .20               |                                  |                 | 10                |
|               |                       | 712          | 30              | 5-1-1866   | .50               |                                  |                 | 10                |
|               |                       | 720          | 30              | 5-1-1866   | 1.34              |                                  |                 | 25                |
|               |                       | 736          | 37              | 6-1-1868   | 1.00              |                                  |                 | 67                |
|               |                       | 737          | 30              | 5-1-1866   | 1.10              |                                  |                 | 50                |
|               |                       | 739          | 30              | 5-1-1866   | .15               |                                  |                 | 55                |
|               |                       | 753          | 30              | 5-1-1866   | .46               |                                  |                 | 7.5               |
|               |                       | 829          | 30              | 5-1-1866   | .48               |                                  |                 | 23                |
|               |                       | 871          | 36              | 6-1-1868   | .208              |                                  |                 | 24                |
|               |                       | 872          | 36              | 6-1-1868   | .22               |                                  |                 | 14.4              |
|               |                       | 873          | 30              | 5-1-1866   | .20               |                                  |                 | 11                |
|               |                       | 890          | 30              | 5-1-1866   | .10               |                                  |                 | 10                |
|               |                       | 906          | 30              | 5-1-1866   | .10               |                                  |                 | 5                 |
|               |                       | 917          | 30              | 5-1-1866   | .20               |                                  |                 | 5                 |
|               |                       | 918          | 30              | 5-1-1866   | .025              |                                  |                 | 10                |
|               |                       | 940          | 30              | 5-1-1866   | .05               |                                  |                 | 1.25              |
|               |                       | 977          | 30              | 5-1-1866   | .20               |                                  |                 | 2.5               |
|               |                       | 979          | 30              | 5-1-1866   | .10               |                                  |                 | 10                |
|               |                       | 980          | 30              | 5-1-1866   | .12               |                                  |                 | 5                 |
|               |                       | 989          | 30              | 5-1-1866   | .20               |                                  |                 | 6                 |
|               |                       | 990          | 30              | 5-1-1866   | .08               |                                  |                 | 10                |
|               |                       | 991          | 30              | 5-1-1866   | .16               |                                  |                 | 4                 |
|               |                       |              |                 |            |                   |                                  |                 | 8 186.393         |
| SIEBENBERG    |                       |              | 9               | 6-1-1865   | 13.42             |                                  |                 | 671               |
|               |                       | 105*         | 9               | 6-1-1865   | .50*              |                                  |                 | 25*               |
|               |                       | 717*         | 9               | 6-1-1865   | .64*              |                                  |                 | 32* 12.28         |

\*SUBTRACT

## STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

| NAME OF CANAL | CHANGE IN<br>P. OF D. | TRANSFER | PRIORITY |            | AMOUNT DECREED    |                   |                 |        | TOTAL<br>SEC. FT. |
|---------------|-----------------------|----------|----------|------------|-------------------|-------------------|-----------------|--------|-------------------|
|               |                       |          | NO.      | DATE       | STEWART<br>DECREE | INTERVENORS       |                 | INCHES |                   |
|               |                       |          |          |            |                   | STEWART<br>DECREE | BRYAN<br>DECREE |        |                   |
| THURMAN MILL  |                       |          | 7        | 6-1-1864   | 3.30              |                   |                 | 165    |                   |
|               |                       |          | 10       | 6-1-1865   | 1.20              |                   |                 | 60     |                   |
|               |                       |          | 11       | 6-1-1865   | .66               |                   |                 | 33     |                   |
|               |                       |          | 36       | 6-1-1868   | 14.10             |                   |                 | 705    |                   |
|               |                       |          | 37       | 6-1-1868   | 3.70              |                   |                 | 185    |                   |
|               |                       |          | 42       | 6-1-1869   | 1.60              |                   |                 | 80     |                   |
|               |                       |          | 55       | 6-1-1872   | .70               |                   |                 | 35     |                   |
|               |                       |          | 56       | 6-1-1872   | 1.40              |                   |                 | 70     |                   |
|               |                       |          | 62       | 6-1-1876   | .44               |                   |                 | 22     |                   |
|               |                       |          | 75       | 6-1-1880   | 2.40              |                   |                 | 120    |                   |
|               |                       |          | 76       | 10-20-1880 | .90               |                   |                 | 45     |                   |
|               |                       |          | 78       | 6-1-1882   | .90               |                   |                 | 45     |                   |
|               |                       |          | 79       | 6-1-1882   | .60               |                   |                 | 30     |                   |
|               |                       |          | 81       | 6-1-1882   | 2.60              |                   |                 | 130    |                   |
|               |                       |          | 84       | 6-1-1882   | 1.50              |                   |                 | 75     |                   |
|               |                       |          | 87       | 6-1-1883   | .90               |                   |                 | 45     |                   |
|               |                       |          | 128      | 7-1-1895   | .66               |                   |                 | 33     |                   |
|               |                       | 412*     | 81       | 6-1-1882   | .40*              |                   |                 | 20*    | 37.16             |
|               |                       | 736*     | 37       | 6-1-1868   | 1.00*             |                   |                 | 50*    | 36.16             |
|               |                       | 871*     | 36       | 6-1-1868   | .288*             |                   |                 | 14.4*  |                   |
|               |                       | 872*     | 36       | 6-1-1868   | .22*              |                   |                 | 11*    | 35.652            |

\*SUBTRACT

TABLE SHOWING DECREED RIGHTS (STEWART DECREE) &amp; FLOW IN SECOND FEET

CHART NO. 26

## NECESSARY AT DIVERSION DAM TO FILL SAME

| NAME                                | RIVER<br>SECTION | 100% OF<br>DEGREE | 75% OF<br>DEGREE | 60% OF<br>DEGREE | FLOW NECESSARY<br>TO FILL TO 60% | FLOW NECESSARY<br>TO FILL TO 75% | FLOW NECESSARY<br>TO FILL TO 100% |
|-------------------------------------|------------------|-------------------|------------------|------------------|----------------------------------|----------------------------------|-----------------------------------|
| 1 THOMAS DAVIS                      | 1                | 2.20              | 1.65             | 1.32             |                                  |                                  |                                   |
| 2 JACOBS CANAL CO.*                 | 1                | 20.00             | 20.00            | 20.00            |                                  | 1073.71                          | 1386.36                           |
| 3 MIDDLETON MILL DITCH CO.          | 1                | 12.80             | 9.60             | 7.68             |                                  |                                  |                                   |
| 4 THOMAS ANDREWS                    | 3                | 3.30              | 2.48             | 1.98             |                                  | 1075.63                          | 1389.56                           |
| 5 CATLIN & MACE                     | 1                | 2.86              | 2.15             | 1.72             |                                  |                                  |                                   |
| 6 T. C. CATLIN                      | 1                | 3.30              | 2.48             | 1.98             |                                  | 1076.06                          | 1390.27                           |
| 7 C. C. HAVIRD                      | 1                | 3.30              | 2.48             | 1.98             |                                  | 1076.56                          | 1391.09                           |
| 8 PIONEER DIXIE DITCH CO.           | 2                | 20.00             | 15.00            | 12.00            |                                  | 1077.06                          | 1391.91                           |
| 8A ADOLPH BAHLER                    | 1                | .80               | .60              | .48              |                                  |                                  | 1396.91                           |
| 8B FIRST NAT'L BANK OF PUEBLO       | 1                | 1.80              | 1.35             | 1.08             |                                  | 1077.18                          | 1397.11                           |
| 9 SIEBENBERG                        | 2                | 13.42             | 10.07            | 8.05             |                                  | 1077.45                          | 1397.56                           |
| 10 ALLEN V. WEBSTER                 | 1                | 1.20              | .90              | .72              |                                  |                                  | 1400.91                           |
| 11 J. P. YARYAN                     | 1                | .66               | .50              | .40              |                                  | 1077.63                          | 1401.21                           |
| 12 GRAHAM & GILBERT                 | 1                | 4.40              | 3.30             | 2.64             |                                  | 1077.73                          | 1401.37                           |
| 13 EUREKA WATER CO.                 | 1                | 33.32             | 24.99            | 19.99            |                                  | 1078.39                          | 1402.47                           |
| 14 NEW UNION DITCH CO.              | 1                | 13.76             | 10.32            | 8.26             |                                  | 1083.39                          | 1410.80                           |
| 15 BOISE VALLEY IRR. CO.            | 1                | 54.58             | 40.94            | 32.75            |                                  | 1085.45                          | 1414.24                           |
| 16 RIDENBAUGH & ROSSI               | 1                | 9.20              | 6.90             | 5.52             |                                  | 1093.64                          | 1427.88                           |
| 17 RIDENBAUGH & ROSSI (POWER)       | 1                |                   |                  |                  |                                  | 1095.02                          | 1430.18                           |
| 18 DENVER & IDAHO LAND CO.          | 1                | .80               | .60              | .48              |                                  |                                  |                                   |
| 19 MARTHA BOWMAN                    | 2                | 2.88              | 2.16             | 1.73             |                                  | 1095.14                          | 1430.38                           |
| 20 BIRD BOWMAN                      | 2                | 6.40              | 4.80             | 3.84             |                                  |                                  | 1431.10                           |
| 21 G. W. GESS                       | 2                | 2.90              | 2.18             | 1.74             |                                  |                                  | 1432.70                           |
| 22 ROBERT MCGUIRE                   | 2                | 3.20              | 2.40             | 1.92             |                                  |                                  | 1433.42                           |
| 23 C. W. COOPER                     | 2                | 3.20              | 2.40             | 1.92             |                                  |                                  | 1434.22                           |
| 24 J. W. ROWLAND                    | 2                | 2.40              | 1.80             | 1.44             |                                  |                                  | 1435.02                           |
| 25 DRAPER & WELLS                   | 2                | 3.94              | 2.96             | 2.36             |                                  |                                  | 1435.62                           |
| 26 THOMAS J. PALMER                 | 2                | 1.60              | 1.20             | .96              |                                  |                                  | 1436.60                           |
| 27 NOAH W. PALMER                   | 2                | 1.58              | 1.19             | .95              |                                  |                                  | 1437.00                           |
| 28 J. N. TUCKER                     | 3                | 7.00              | 5.25             | 4.20             |                                  |                                  | 1437.39                           |
| 29 THOMAS ANDREWS                   | 3                | 6.00              | 4.50             | 3.60             |                                  |                                  |                                   |
| 29A LOUISE SIMONSON                 | 1                | 6.00              | 4.50             | 3.60             |                                  | 1096.04                          | 1438.89                           |
| 29B S.G. HARDIES & AMELIA<br>EISLEY | 1                | .50               | .38              | .30              |                                  | 1096.12                          | 1439.01                           |
| 30 J. PERRAULT & R. JOHNSON*        | 1                | 50.00             | 50.00            | 50.00            |                                  |                                  |                                   |
| 31 WILLIAM P. KENNEDY               | 1                | 2.60              | 1.95             | 1.56             |                                  | 1096.51                          | 1439.66                           |
| 31A WM. MUSSER                      | 1                | 2.30              | 1.73             | 1.38             |                                  | 1096.86                          | 1440.23                           |
| 31B MINNIE & JERRY COUZENS          | 1                | .60               | .45              | .36              |                                  | 1096.95                          | 1440.38                           |
| 31C ALBERT C. BOWERMAN              | 1                | 1.10              | .83              | .66              |                                  | 1097.12                          | 1440.65                           |
| 32 MANVILLE & LEONARD               | 1                | 3.50              | 2.63             | 2.10             |                                  | 1097.65                          | 1441.52                           |
| 33 BOISE CITY CANAL CO.             | 1                | 38.06             | 28.55            | 22.83            |                                  | 1103.37                          | 1451.03                           |
| 34 FRANKLIN DITCH CO.               | 1                | 15.40             | 11.55            | 9.24             |                                  | 1105.68                          | 1454.88                           |
| 35 CANYON COUNTY WATER CO.          | 1                | 75.80             | 56.85            | 45.48            |                                  | 1117.05                          | 1473.83                           |
| 35A RALPH T. KNIGHT                 | 1                | 1.76              | 1.32             | 1.06             |                                  | 1117.31                          | 1474.27                           |
| 36 MARTHA E. MCCARTHY               | 1                | 14.10             | 10.58            | 8.46             | 8.46                             | 1119.43                          | 1477.79                           |
| 37 H. D. & DORA GOODMAN             | 1                | 3.70              | 2.78             | 2.22             | 10.68                            | 1119.99                          | 1478.71                           |

2458.22

\* THESE RIGHTS HAVE BEEN ADJUDICATED BY THE SUPREME COURT AND ARE NOT CUT BELOW 100%

TABLE SHOWING DECREED RIGTHS (STEWART DECREE) &amp; FLOW IN SECOND FEET

CHART NO. 26

NECESSARY AT DIVERSION DAM TO FILL SAME

| NAME                             | 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% |
|----------------------------------|------------------|-------------------|------------------|------------------|----------------------------------|----------------------------------|-----------------------------------|
| 38 T. T. JOHNSON                 | 2                | 3.20              | 2.40             | 1.92             |                                  |                                  |                                   |
| 39 ROSS, ALLEN, DILLEY & ROSS    | 3                | 8.54              | 6.41             | 5.12             |                                  |                                  | 1479.51                           |
| 40 S. S. GRAY                    | 1                | 1.40              | 1.05             | .84              | 11.52                            | 1120.20                          | 1479.86                           |
| 41 JOHN MAMMON                   | 3                | 1.80              | 1.35             | 1.08             |                                  |                                  |                                   |
| 42 ISSAC BEDAL                   | 1                | 1.60              | 1.20             | .96              | 12.48                            | 1120.44                          | 1480.26                           |
| 43 FREDERICH ODE                 | 2                | 3.60              | 2.70             | 2.16             |                                  |                                  | 1481.16                           |
| 44 PRIOR BURNETT                 | 3                | 8.50              | 6.38             | 5.10             |                                  |                                  |                                   |
| 45 PIONEER DIXIE DITCH CO.       | 2                | 35.44             | 26.58            | 21.26            |                                  |                                  | 1490.02                           |
| 46 MASON CREEK DITCH CO.         | 1                | 37.20             | 27.90            | 22.32            | 34.80                            | 1126.02                          | 1499.32                           |
| 47 T. W. BOONE                   | 3                | 3.50              | 2.63             | 2.10             |                                  |                                  |                                   |
| 47A ADOLPH BAHLER                | 1                | .80               | .60              | .48              | 35.28                            | 1126.14                          | 1499.52                           |
| 48 W. J. HAMMING                 | 1                | 2.60              | 1.95             | 1.56             | 36.84                            | 1126.53                          | 1500.17                           |
| 49 PIONEER CANAL                 | 1                | 25.72             | 19.29            | 15.43            | 52.27                            | 1130.39                          | 1506.60                           |
| 50 BARBER LUMBER CO.             | 1                | 2.24              | 1.68             | 1.34             | 53.61                            | 1130.73                          | 1507.16                           |
| 51 THOMAS ANDREWS                | 3                | 1.30              | .98              | .78              |                                  |                                  |                                   |
| 51A S.G. HARDIES & AMELIA EISLEY | 1                | 1.00              | .75              | .60              | 54.21                            | 1130.88                          | 1507.41                           |
| 52 CATLIN & MACE                 | 1                | 7.86              | 5.90             | 4.72             | 58.93                            | 1132.06                          | 1509.37                           |
| 53 PETER MEEVES                  | 1                | 1.80              | 1.35             | 1.08             | 60.01                            | 1132.33                          | 1509.82                           |
| 54 MIDDLETON MILL DITCH CO.      | 1                | 33.70             | 25.28            | 20.22            | 80.23                            | 1137.39                          | 1518.24                           |
| 55 J. F. YARYAN                  | 1                | .70               | .53              | .42              | 80.65                            | 1137.50                          | 1518.41                           |
| 56 J. F. YARYAN                  | 1                | 1.40              | 1.05             | .84              | 81.49                            | 1137.71                          | 1518.76                           |
| 57 MARY C. DAVIS                 | 1                | 4.40              | 3.30             | 2.64             | 84.13                            | 1138.37                          | 1519.86                           |
| 58 EDWARD N. HART                | 1                | 3.30              | 2.48             | 1.98             | 86.11                            | 1138.87                          | 1520.68                           |
| 59 T. W. BOONE                   | 3                | 2.20              | 1.65             | 1.32             |                                  |                                  |                                   |
| 60 FARMER'S CO-OP. DITCH CO.     | 2                | 10.00             | 7.50             | 6.00             |                                  |                                  | 1523.18                           |
| 61 EDWARD & MARY CLARK           | 1                | 2.30              | 1.73             | 1.38             | 87.49                            | 1139.22                          | 1523.75                           |
| 62 JOHN CECIL                    | 1                | .44               | .33              | .26              | 87.75                            | 1139.29                          | 1523.86                           |
| 63 THOMAS AIKEN                  | 1                | 5.20              | 3.90             | 3.12             | 90.87                            | 1140.07                          | 1525.16                           |
| 64 W. H. CONWAY                  | 1                | .90               | .68              | .54              | 91.41                            | 1140.21                          | 1525.38                           |
| 65 MIDDLETON WATER CO.           | 1                | 114.08            | 85.56            | 68.45            | 159.86                           | 1157.32                          | 1553.90                           |
| 66 PERRAULT & JOHNSON (POWER)    |                  |                   |                  |                  |                                  |                                  |                                   |
| 66A J. S. KRAUS                  | 1                | .80               | .60              | .48              | 160.34                           | 1157.44                          | 1554.10                           |
| 66C J. W. KOLANDER               | 1                | 1.40              | 1.05             | .84              | 161.18                           | 1157.65                          | 1554.45                           |
| 66D M. T. GRIFFITH               | 1                | .80               | .60              | .48              | 161.66                           | 1157.77                          | 1554.65                           |
| 67 Nampa, Meridian Irrig. Dist.  | 1                | 170.30            | 127.50           | 102.00           | 263.66                           | 1183.27                          | 1597.15                           |
| 68 JOHN MAMMON                   | 3                | 4.20              | 3.15             | 2.52             |                                  |                                  |                                   |
| 69 JULIA MAMMON                  | 3                | 3.36              | 2.52             | 2.02             |                                  |                                  |                                   |
| 70 CHARLES ALLEN                 | 3                | 8.30              | 6.60             | 5.28             |                                  |                                  |                                   |
| 71 R. H. STOCKTON                | 3                | 4.40              | 3.30             | 2.64             |                                  |                                  |                                   |
| 71A ISLAND HIGHLINE DITCH CO.    | 3                | 3.30              | 2.25             | 1.80             |                                  |                                  |                                   |
| 72 NEW DRY CREEK DITCH CO.       | 1                | 31.32             | 23.49            | 18.79            | 282.45                           | 1187.97                          | 1604.98                           |
| 73 D. MUMFORD                    | 2                | 4.30              | 3.00             | 2.40             |                                  |                                  | 1605.98                           |
| 73A GOBLE & SONGER               | 1                | .54               | .41              | .32              | 282.77                           | 1188.06                          | 1606.11                           |
| 74 SMITH STOCKTON                | 3                | 1.76              | 1.32             | 1.06             |                                  |                                  |                                   |
| 75 ISHAM JOPLIN                  | 1                | 2.10              | 1.80             | 1.44             | 284.21                           | 1188.42                          | 1606.71                           |
| 75A C. B. FRANK                  | 1                | 1.816             | .61              | .49              | 284.70                           | 1188.54                          | 1606.92                           |
| 75A ALBERT LEMP ET AL            | 3                | 3.20              | 2.40             | 1.92             |                                  |                                  |                                   |
| 76 JOSEPH GOBLE                  | 1                | .30               | .68              | .54              | 285.24                           | 1188.68                          | 1607.14                           |

56792

TABLE SHOWING DECREED RIGHTS (STEWART DECREE) &amp; FLOW IN SECOND FEET

CHART NO. 26

NECESSARY AT DIVERSION DAM TO FILL SAME

| NAME                            | 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% |
|---------------------------------|------------------|-------------------|------------------|------------------|----------------------------------|----------------------------------|-----------------------------------|
| 77 FRANKLIN DITCH CO.           | 1                | 27.60             | 20.70            | 16.56            | 301.80                           | 1192.82                          | 1614.04                           |
| 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              | 302.34                           | 1192.96                          | 1614.95                           |
| 79 SUSIE CAMPBELL               | 1                | .60               | .45              | .36              | 302.70                           | 1193.05                          | 1615.17                           |
| 80 J. T. BARBER                 | 1                | 1.60              | 1.20             | .96              | 303.66                           | 1193.29                          | 1615.32                           |
| 81 SONORA JOPLIN                | 1                | 3.40              | 2.55             | 2.04             | 305.70                           | 1193.80                          | 1615.72                           |
| 82 S. W. HUTCHINSON             | 1                | .44               | .33              | .26              | 305.96                           | 1193.87                          | 1616.57                           |
| 83 JOHNSON                      | 1                | .44               | .33              | .26              | 306.22                           | 1193.94                          | 1616.68                           |
| 84 ANDREW J. JOPLIN             | 1                | 2.86              | 2.15             | 1.72             | 307.94                           | 1194.37                          | 1616.79                           |
| 85 JAMES L. GRAHAM              | 1                | 2.20              | 1.65             | 1.32             | 309.26                           | 1194.70                          | 1617.50                           |
| 85A LEO MARSTERS                | 1                | 1.60              | 1.20             | .96              | 310.22                           | 1194.94                          | 1618.05                           |
| 85B JACOB BINGHAM               | 1                | 1.00              | .75              | .60              | 310.82                           | 1195.09                          | 1618.45                           |
| 85C WM HUCKBA                   | 1                | .203              | .15              | .12              | 310.94                           | 1195.12                          | 1618.70                           |
| 85D C. H. SCHMELZER             | 1                | .7506             | .56              | .45              | 311.39                           | 1195.23                          | 1618.75                           |
| 85E C. W. MCCLURG               | 1                | .35               | .26              | .21              | 311.60                           | 1195.28                          | 1618.94                           |
| 86 FARMERS CO-OP DITCH          | 2                | 20.00             | 15.00            | 12.00            |                                  |                                  | 1619.03                           |
| 87 FRANCIS M. JOPLIN            | 1                | .90               | .68              | .54              | 312.14                           | 1195.42                          | 1624.03                           |
| 88 W. A. BLACK                  | 2                | 12.00             | 9.00             | 7.20             |                                  |                                  | 1624.25                           |
| 89 EUREKA DITCH CO. NO. 2       | 2                | 21.70             | 16.28            | 13.02            |                                  |                                  | 1627.25                           |
| 90 PIONEER IRRIG. DIST.         | 1                | 53.10             | 39.83            | 31.86            | 344.00                           | 1203.39                          | 1632.67                           |
| 91 RIVERSIDE IRRIG. DIST.       | 2                | 20.00             | 15.00            | 12.00            |                                  |                                  | 1645.94                           |
| 92 SETTLERS CANAL CO.           | 1                | 99.06             | 74.30            | 59.44            | 403.44                           | 1218.25                          | 1650.94                           |
| 93 NEW DRY CREEK CO.            | 1                | 15.22             | 11.42            | 9.13             | 412.57                           | 1220.54                          | 1675.70                           |
| 94 THOMAS DAVIS                 | 1                | 13.40             | 10.05            | 8.04             | 420.61                           | 1222.55                          | 1679.50                           |
| 95 WM. E., L. & E. YOUNG        | 2                | 4.00              | 3.00             | 2.40             |                                  |                                  | 1682.85                           |
| 96 AMERICAN DITCH ASSOC.        | 2                | 47.80             | 35.85            | 28.68            |                                  |                                  | 1683.85                           |
| 97 NEW DRY CREEK DITCH          | 1                | 7.86              | 5.90             | 4.72             | 425.33                           | 1223.73                          | 1695.80                           |
| 98 A. V. LINDER                 | 1                | 4.00              | 3.00             | 2.40             | 427.73                           | 1224.33                          | 1697.76                           |
| 99 LEVI SMITH                   | 1                | 1.30              | .98              | .78              | 428.51                           | 1224.53                          | 1698.76                           |
| 100 CHARLOTTE CALHOUN           | 1                | 1.40              | 1.05             | .84              | 429.35                           | 1224.74                          | 1699.08                           |
| 101 ED J. LINDER                | 1                | 1.46              | 1.10             | .88              | 430.23                           | 1224.96                          | 1699.43                           |
| 102 LIZZIE EVERETT              | 1                | 1.20              | .90              | .72              | 430.95                           | 1225.14                          | 1699.79                           |
| 103 JESSIE WILSON               | 1                | 1.40              | 1.05             | .84              | 431.79                           | 1225.35                          | 1700.09                           |
| 104 THOMAS ANDREWS              | 3                | .90               | .68              | .54              |                                  |                                  | 1700.44                           |
| 105 FARMERS CO-OP. DITCH        | 2                | 50.00             | 37.50            | 30.00            |                                  |                                  |                                   |
| 106 Nampa Meridian Irrig. Dist. | 1                | 361.94            | 271.46           | 217.16           | 648.95                           | 1279.65                          | 1712.94                           |
| 106 BOARD OF CONTROL            | 1                | 8.90              | 6.67             | 5.34             | 654.29                           | 1280.98                          | 1803.42                           |
| 107 CHARLES S. MILLER           | 1                | .06               | .05              | .04              | 654.33                           | 1280.99                          | 1805.65                           |
| 108 LAMMIS L. HOSLEY            | 1                | .02               | .015             | .01              | 654.34                           | 1280.99                          | 1805.66                           |
| 109 S. J. UTTER & C. B. TAYLOR  | 1                | 2.40              | 1.80             | 1.44             | 655.78                           | 1281.35                          | 1805.67                           |
| 110 SOUTH BOISE MUTUAL IRR. CO. | 1                | 6.00              | 4.50             | 3.60             | 659.38                           | 1282.25                          | 1806.27                           |
| 111 ESTATE OF J. H. GALLAGHER   | 1                | 2.94              | 2.21             | 1.76             | 661.14                           | 1282.70                          | 1807.77                           |
| 112 ANNA H. FOGARTY             | 1                | .05               | .04              | .03              | 661.17                           | 1282.71                          | 1808.50                           |
| 113 GRACE CALL                  | 1                | .10               | .08              | .06              | 661.23                           | 1282.73                          | 1808.51                           |

8/076

TABLE SHOWING DECREED RIGHTS (STEWART DECREE) &amp; FLOW IN SECOND FEET

CHART NO. 26

## NECESSARY AT DIVERSION DAM TO FILL SAME

| NAME                              | 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% |
|-----------------------------------|------------------|-------------------|------------------|------------------|----------------------------------|----------------------------------|-----------------------------------|
| 114 SAMUEL H. CANFIELD            | 1                | .03               | .02              | .02              |                                  |                                  |                                   |
| 114A NEIL & PATRICK O'DONNELL     | 3                | 1.60              | 1.20             | .96              | 661.25                           | 1282.73                          | 1808.54                           |
| 114B GUS A BARTH                  | 3                | .80               | .60              | .48              |                                  |                                  |                                   |
| 115 SONORA JOPLIN                 | 1                | .06               | .05              | .04              |                                  |                                  |                                   |
| 116 SONORA JOPLIN                 | 1                | 1.20              | .90              | .72              | 661.29                           | 1282.74                          | 1808.55                           |
| 116A S.G. HARDIES & AMELIA EISLEY | 1                | .84               | .63              | .50              | 662.01                           | 1282.92                          | 1808.85                           |
| 116A ANNA SPENCER                 | 2                | .72               | .54              | .43              | 662.51                           | 1283.05                          | 1809.06                           |
| 116B WILLIS SPENCER               | 2                | .10               | .08              | .06              |                                  |                                  | 1809.24                           |
| 116C REBECCA BELL                 | 2                | .40               | .30              | .24              |                                  |                                  | 1809.26                           |
| 117 PIONEER IRRIG. DIST.          | 1                | 200.00            | 150.00           | 120.00           |                                  |                                  | 1809.36                           |
| 118 W. H. CONWAY                  | 1                | 2.20              | 1.65             | 1.32             | 782.51                           | 1313.05                          | 1859.36                           |
| 119 THOMAS DAVIS                  | 1                | .54               | .41              | .32              | 783.83                           | 1313.38                          | 1859.91                           |
| 120 MIDDLETON MILL DITCH          | 1                | 17.00             | 12.75            | 10.20            | 784.15                           | 1313.47                          | 1860.04                           |
| 121 THOMAS ANDREWS                | 3                | 3.50              | 2.63             | 2.10             | 794.35                           | 1316.02                          | 1864.29                           |
| 122 SETTLERS CANAL CO.            | 1                | 73.44             | 55.08            | 44.06            |                                  |                                  |                                   |
| 123 THOMAS AIKEN                  | 1                | .80               | .60              | .48              | 838.41                           | 1327.04                          | 1882.65                           |
| 123A OTTO & MARIE MULLER          | 1                | 1.60              | 1.20             | .96              | 838.89                           | 1327.16                          | 1882.85                           |
| 124 RIVERSIDE IRRIG. DIST.        | 2                | 80.00             | 60.00            | 48.00            | 839.85                           | 1327.40                          | 1883.25                           |
| 124A W. D. CHARTERS               | 1                | .825              | .62              | .50              |                                  |                                  | 1903.25                           |
| 125 R. H. STOCKTON                | 3                | 1.75              | 1.32             | 1.06             | 840.35                           | 1327.52                          | 1903.46                           |
| 126 FARMERS UNION DITCH           | 1                | 110.00            | 82.50            | 66.00            |                                  |                                  |                                   |
| 127 CHARLES REIN & JAMES KEOGH    | 1                | 1.00              | .75              | .60              | 906.35                           | 1344.02                          | 1930.96                           |
| 128 MATHEW CASEY                  | 1                | .66               | .50              | .40              | 906.95                           | 1344.17                          | 1931.21                           |
| 129 FARMERS CO-OP. DITCH          | 2                | 83.50             | 62.63            | 50.10            | 907.35                           | 1344.27                          | 1931.37                           |
| 129A H. E. PLAIN                  | 1                | .54               | .41              | .32              |                                  |                                  | 1952.24                           |
| 130 RIVERSIDE IRRIG. DIST.        | 2                | 20.00             | 15.00            | 12.00            | 907.67                           | 1344.36                          | 1952.37                           |
| 131 NEW YORK CANAL CO.            | 1                | 219.10            | 164.33           | 131.46           |                                  |                                  | 1957.37                           |
| 132 CANYON DITCH CO.              | 2                | 10.00             | 7.50             | 6.00             | 1039.13                          | 1377.23                          | 2012.14                           |
| 133 RIVERSIDE IRRIG. DIST.        | 2                | 70.00             | 52.50            | 42.00            |                                  |                                  | 2014.64                           |
| 134 CANYON DITCH CO.              | 2                | 5.54              | 4.16             | 3.32             |                                  |                                  | 2032.14                           |
| 135 PIONEER IRRIG. DIST.          | 1                | 56.34             | 42.26            | 33.80            | 1072.93                          | 1385.69                          | 2033.52                           |
| 136 H. E. WIMER                   | 1                | .356              | .27              | .21              |                                  |                                  | 2047.60                           |
| 137 B. P. WEAVERLING              | 1                | 1.60              | 1.20             | .96              | 1073.14                          | 1385.75                          | 2047.69                           |
| 137A ISLAND HIGHLINE DITCH CO.    | 3                | 7.00              | 5.25             | 4.20             | 1074.10                          | 1385.99                          | 2048.09                           |
| 138 WESLEY A. MACE                | 1                | .40               | .30              | .24              |                                  |                                  |                                   |
| 139 ISLAND HIGHLINE DITCH CO.     | 3                | 10.00             | 7.50             | 6.00             | 1074.34                          | 1386.05                          | 2048.19                           |

983.46

Total Stewart Decree 2820.36 C.F.S.

(SEE NOTES IN FRONT OF REPORT FOR FURTHER EXPLANATIONS)

TABLE SHOWING DECREEED RIGHTS (BRYAN DECREE) & FLOW IN SECOND FEET

CHART NO. 27

NECESSARY AT DIVERSION DAM TO FILL SAME

| PRIORITY<br>DATE | NAME                                                   | 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% |
|------------------|--------------------------------------------------------|-------------------|------------------|------------------|----------------------------------|----------------------------------|-----------------------------------|
| 7-2-94           | FARMERS UNION                                          | 54.46             | 40.85            | 32.68            | 2080.47                          | 3843.43                          | 4295.75                           |
| 3-23-00          | NEW YORK IRRIGATION DIST.)<br>BOISE KUNA IRRIG. DIST.) | 58.86             | 44.15            | 35.32            | 2115.79                          | 3852.26                          | 4310.46                           |
| 12-14-03         | UNITED STATES OF AMERICA                               | 1354.58           | 1015.94          | 812.75           | 2928.54                          | 4055.45                          | 4649.10                           |
| 4-1-05           | PIONEER IRRIGATION DIST.                               | 306.56            | 229.92           | 183.94           | 3112.48                          | 4101.43                          | 4725.74                           |
| 4-1-05           | FARMERS COOPERATIVE DITCH CO.                          | 154.45            | 115.84           | 92.67            | 3205.15                          | 4124.60                          | 4764.35                           |
| 4-1-05           | SOUTH BOISE MUTUAL DITCH CO.                           | 5.40              | 4.05             | 3.24             | 3208.39                          | 4125.41                          | 4765.70                           |
| 4-1-08           | PIONEER IRRIGATION DIST.                               | 54.50             | 40.88            | 32.70            | 3241.09                          | 4133.59                          | 4779.32                           |
| 6-1-09           | UNITED STATES OF AMERICA                               | 926.50            | 694.88           | 555.90           | 3796.99                          | 4272.57                          | 5010.94                           |
| 4-1-10           | RIVERSIDE IRRIGATION DIST.                             | 63.78             | 47.84            | 38.27            | 3835.26                          | 4282.14                          | 5026.88                           |
| 4-1-10           | MCMANUS & TEATER                                       | 3.36              | 2.52             | 2.02             | 3837.28                          | 4282.64                          | 5027.72                           |
| 1-13-11*         | UNITED STATES OF AMERICA<br>(ARROWROCK STORAGE)        | 8000.00           |                  |                  |                                  |                                  | 13027.72                          |
| 4-1-14           | RIVERSIDE IRRIGATION DIST.                             | 17.70             |                  |                  |                                  |                                  | 13045.42                          |

11,000.15

Grand Total 13,820.51 C.F.S

\* FOR FURTHER INFORMATION SEE TEXT OF THIS REPORT, UNDER HEADING, "DECREE".

