

WATER DISTRIBUTION  
AND HYDROMETRIC WORK

DISTRICT NO. 36

SNAKE RIVER, IDAHO

1968

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## INTRODUCTION

The annual meeting of Water District No. 36 was held at Idaho Falls on March 4, 1968. H. C. Eagle was reelected as watermaster for the ensuing year.

The following were elected as members of the Committee of Nine:

Leonard Graham, Chairman; Alfred Peters, Vice-Chairman; C. N. Scoresby, Secretary; Leo Murdock, R. Willis Walker, Lester Saunders, Lavon Christensen, Burdell Curtis, Lynn Loosli.

Advisory members: Glenn Simmons, representing the Bureau of Reclamation; William Kerner, representing the Gooding Project; F. C. Gillette, representing Teton Basin, and Clyde Greenwell.

Principal resolutions adopted at the annual meeting were as follows:

1. That the following transmission losses be charged on stored water: 1.7% Moran to Palisades; 0.8% Palisades to Heise; 4.4% Heise to Lorenzo; 0.5% Lorenzo to Woodville; 6% Woodville to Blackfoot; 4% Henrys Lake to Island Park; 2% Island Park to Warm River; 0.5% Warm River to Ashton.
2. Adopted a budget of \$ 81,870 to cover the expense of operating the District during the coming year, of which it was estimated that \$36,400 would be available from Federal and State stream gaging funds.
3. Recommended the continuation of a pool committee to obtain and allocate rental water.
4. Reaffirmed support of an integrated multipurpose Lynn Crandall project.

Precipitation and runoff for 1968 were above normal. The

average precipitation for nine representative stations for the water year ending September 30, 1968, was 19.21" compared to a normal of 15.32. Precipitation for May and June was 150% and 156% of normal, respectively. August precipitation was over 3 times the normal. River regulation was discontinued on September 28.

With the heavy precipitation in May and June and delayed snow-melt, there was sufficient normal flow to supply all needs for water through June 25. The Milner spill was cut off on June 21. During the October through July period about 980,000 acre-feet in excess of Idaho Power Company rights spilled to waste past Milner. All reservoir allotments were filled except Palisades which received a 95% allotment.

Storage deliveries started in the lower valley on June 25. The 1916 "floodwater" rights were cut off on July 8. The lowest cut in rights was on August 9 and 10 when all 1895 rights were cut off.

Total usable contents in the reservoir system on September 27 (American Falls time) was 2,722,000 acre-feet. This is 67% of active capacity and the second highest of record.

Discharge at the Minidoka Dam was cut below the 2,700 cfs power right for periods March 7-29 and April 2-13.

The Bureau of Reclamation continued studies on the proposed Lynn Crandall project. Test drilling was carried out at the Fremont damsite on Teton River.

Mrs. Charlotte Wood died on June 20 after 27 years of outstanding service in the Water District 36 office.

### PERSONNEL

The persons engaged in water distribution during 1968 were as follows:

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| H. C. Eagle       | Watermaster and Deputy Com. of Reclamation            |
| Arthur L. Larson  | Hydraulic Engineer and Deputy Watermaster             |
| Ira R. Virgil     | Engineering Aid and Hydrographer                      |
| L. C. Anderson    | Deputy Watermaster and Hydrographer at<br>St. Anthony |
| Oleen Dummer      | Hydrographer                                          |
| Harold W. Blauer  | Hydrographer                                          |
| A. H. Bush        | Hydrographer                                          |
| Charlotte E. Wood | Clerk                                                 |
| Judith R. Zavala  | Clerk                                                 |
| Arthur W. Wilson  | Deputy Watermaster and Hydrographer,<br>Teton Basin   |
| Seth L. Hansen    | Deputy Watermaster, Teton Basin                       |
| Val L. Richards   | Deputy Watermaster, Lower Teton River                 |
| S. B. Garrett     | Deputy Watermaster, Henrys Fork                       |
| Elmer Lenz        | Deputy Watermaster, Upper Fall River                  |
| Bruce Cole        | Deputy Watermaster, Heise Division                    |
| J. M. Brown       | Deputy Watermaster, Rigby Division                    |
| J. A. Balmforth   | Deputy Watermaster, Idaho Falls Division              |
| Carl J. Anderson  | Deputy Watermaster, Blackfoot Division                |
| Leslie D. Poole   | Deputy Watermaster, Swan Valley Division              |
| Glenn Simmons     | Supt. Minidoka Project, Bur. of Reclamation           |
| C. R. Finley      | Supt. Am. Falls Res., Bureau of Reclamation           |
| Allan Templeton   | Supt. Am. Falls Res., Bureau of Reclamation           |
| Edw. Wilske       | Asst. Supt. Am. Falls Res., Bureau of<br>Reclamation  |
| James L. Braman   | Supt. Jackson Lake, Bureau of Reclamation             |
| Jim Wilson        | Supt. Palisades Res., Bureau of Reclamation           |
| John Williams     | Supt. Island Park Res., Bureau of<br>Reclamation      |

Gage Readers: Foster B. Randall, Bruce Cole, Mrs. Irvin Siefert, R. E. Wagner, Rogers Livingston, R. H. Seymour, Mario M. Purin, Roy Flavel, Jess Jackson, Robert Timmons, Nalon Humphrey, Roger Morgan, Lee Peterson.

### SNOW SURVEYS

The results of snow surveys for the past ten years are shown in the following tabulations. The figures for earlier years are shown in previous annual reports of the District. Normals are those computed by Soil Conservation Service and are mostly for

period 1952-66.

Depth in Inches (S = Snow, W = Water)

| <u>Year</u>                          | <u>Jan. 1</u> |          | <u>Feb. 1</u> |          | <u>Mar. 1</u> |          | <u>April 1</u> |          |
|--------------------------------------|---------------|----------|---------------|----------|---------------|----------|----------------|----------|
|                                      | <u>S</u>      | <u>W</u> | <u>S</u>      | <u>W</u> | <u>S</u>      | <u>W</u> | <u>S</u>       | <u>W</u> |
| <u>Moran (Snake River)</u>           |               |          |               |          |               |          |                |          |
| 1959                                 | 21            | 4.9      | 36            | 7.6      | 43            | 11.3     | 37             | 11.0     |
| 1960                                 | 12            | 1.8      | 25            | 5.2      | 36            | 9.5      | 30             | 10.3     |
| 1961                                 | 25            | 4.8      | 26            | 6.2      | 33            | 7.9      | 26             | 7.5      |
| 1962                                 | 35            | 8.0      | 41            | 10.4     | 43            | 12.4     | 44             | 14.2     |
| 1963                                 | 11            | 1.8      | 27            | 5.2      | 29            | 8.6      | 25             | 8.2      |
| 1964                                 | 21            | 3.8      | 40            | 9.1      | 38            | 10.1     | 43             | 12.7     |
| 1965                                 | 37            | 10.3     | 52            | 14.1     | 48            | 15.8     | 50             | 17.6     |
| 1966                                 | 24            | 4.1      | 32            | 8.1      | 38            | 9.6      | 34             | 10.4     |
| 1967                                 | 22            | 4.6      | 37            | 10.3     | 41            | 12.4     | 40             | 12.9     |
| 1968                                 | 21            | 3.3      | 35            | 7.3      | 35            | 9.9      | 33             | 9.9      |
| Normal                               |               | 5.3      |               | 8.9      |               | 11.4     |                | 12.5     |
| <u>Moran Canyon (Snake River)</u>    |               |          |               |          |               |          |                |          |
| 1959                                 |               |          | 51            | 12.8     | 66            | 18.6     | 61             | 12.3     |
| 1960                                 |               |          | 38            | 7.5      | 48            | 13.3     | -              | (14.8)   |
| 1961                                 |               |          | 35            | 9.5      | 49            | 13.6     | 49             | 16.5     |
| 1962                                 |               |          | 57            | 17.3     | 65            | 23.0     | 70             | 26.0     |
| 1963                                 |               |          | -             | -        | 45            | 13.1     | 39             | 13.9     |
| 1964                                 |               |          | 54            | 13.7     | 49            | 16.7     | 66             | 20.4     |
| 1965                                 |               |          | 74            | 20.9     | 69            | 23.7     | 72             | 26.2     |
| 1966                                 |               |          | 46            | 12.9     | 54            | 16.0     | 49             | 17.8     |
| 1967                                 |               |          | 49            | 14.2     | 58            | 18.3     | 55             | 20.5     |
| 1968                                 |               |          | 42            | 10.4     | 56            | 16.3     | 51             | 17.8     |
| Normal                               |               |          |               | 14.4     |               | 18.8     |                | 22.1     |
| <u>Arizona Station (Snake River)</u> |               |          |               |          |               |          |                |          |
| 1959                                 | 24            | 5.8      | 43            | 9.2      | 56            | 14.7     | 62             | 17.8     |
| 1960                                 | 16            | 2.6      | 32            | 6.2      | 40            | 10.8     | 44             | 13.9     |
| 1961                                 | 30            | 7.3      | 33            | 8.3      | 47            | 12.8     | 46             | 15.3     |
| 1962                                 | 44            | 11.7     | 49            | 14.1     | 61            | 19.3     | 67             | 23.5     |
| 1963                                 | 15            | 3.0      | 30            | 5.7      | 36            | 9.8      | 33             | 10.3     |
| 1964                                 | 28            | 6.6      | 50            | 12.5     | 62            | 18.3     | 60             | 18.7     |
| 1965                                 | 48            | 13.7     | 67            | 19.8     | 63            | 22.2     | 66             | 25.0     |
| 1966                                 | 35            | 6.3      | 39            | 11.4     | 45            | 13.6     | 51             | 17.0     |
| 1967                                 | 32            | 8.8      | 53            | 15.4     | 59            | 18.8     | 62             | 21.5     |
| 1968                                 | 24            | 4.7      | 41            | 9.6      | 47            | 13.7     | 50             | 16.1     |
| Normal                               |               | 7.5      |               | 12.1     |               | 16.4     |                | 19.4     |



Depth in Inches (S = Snow, W = Water)

| Year                                     | Jan. 1 |      | Feb. 1 |      | Mar. 1 |      | April 1 |      |
|------------------------------------------|--------|------|--------|------|--------|------|---------|------|
|                                          | S      | W    | S      | W    | S      | W    | S       | W    |
| <u>Huckleberry Divide (Snake River)</u>  |        |      |        |      |        |      |         |      |
| 1959                                     | 20     | 6.8  | 47     | 10.4 | 58     | 15.6 | 62      | 18.5 |
| 1960                                     | 17     | 3.0  | 35     | 6.3  | 43     | 10.9 | 46      | 13.7 |
| 1961                                     | 32     | 7.6  | 33     | 8.6  | 46     | 12.7 | 50      | 15.2 |
| 1962                                     | 44     | 11.6 | 52     | 14.9 | 63     | 20.1 | 68      | 23.7 |
| 1963                                     | 16     | 3.5  | 35     | 6.6  | 42     | 10.7 | 38      | 11.6 |
| 1964                                     | 29     | 6.7  | 52     | 12.9 | 49     | 14.5 | 63      | 19.7 |
| 1965                                     | 46     | 12.7 | 66     | 18.9 | 64     | 22.7 | 65      | 24.1 |
| 1966                                     | 35     | 6.5  | 44     | 12.7 | 48     | 15.5 | 53      | 17.7 |
| 1967                                     | 29     | 7.4  | 52     | 14.6 | 56     | 17.3 | 58      | 19.5 |
| 1968                                     | 31     | 6.5  | 49     | 11.4 | 57     | 16.4 | 53      | 17.7 |
| Normal                                   |        | 7.9  |        | 12.8 |        | 17.0 |         | 19.7 |
| <u>Snake River Station (Snake River)</u> |        |      |        |      |        |      |         |      |
| 1959                                     | 30     | 7.9  | 42     | 11.0 | 61     | 16.8 | 63      | 19.8 |
| 1960                                     | 14     | 2.3  | 33     | 6.3  | 44     | 11.7 | 43      | 14.2 |
| 1961                                     | 37     | 8.7  | 37     | 10.1 | 53     | 15.1 | 57      | 17.9 |
| 1962                                     | 48     | 12.8 | 53     | 15.9 | 63     | 20.2 | 66      | 23.2 |
| 1963                                     | 19     | 4.8  | 41     | 8.3  | 49     | 13.2 | 44      | 14.6 |
| 1964                                     | 28     | 6.2  | 52     | 12.5 | 52     | 15.0 | 65      | 20.3 |
| 1965                                     | 46     | 12.8 | 66     | 18.6 | 71     | 23.8 | 70      | 25.7 |
| 1966                                     | 35     | 6.3  | 44     | 12.3 | 48     | 15.1 | 51      | 17.8 |
| 1967                                     | 25     | 6.6  | 51     | 14.5 | 58     | 18.0 | 59      | 20.4 |
| 1968                                     | 29     | 5.8  | 47     | 10.7 | 57     | 17.0 | 56      | 19.2 |
| Normal                                   |        | 8.4  |        | 13.3 |        | 18.1 |         | 21.1 |
| <u>Lewis Lake Divide (Snake River)</u>   |        |      |        |      |        |      |         |      |
| 1959                                     | 54     | 17.3 | 76     | 23.4 | 112    | 36.4 | 122     | 42.7 |
| 1960                                     | 26     | 5.5  | 56     | 13.4 | 66     | 21.1 | 78      | 27.1 |
| 1961                                     | 54     | 15.6 | 51     | 17.0 | 89     | 27.6 | 102     | 36.1 |
| 1962                                     | 86     | 25.9 | 86     | 30.8 | 116    | 42.4 | 133     | 50.4 |
| 1963                                     | 31     | 9.7  | 59     | 14.8 | 75     | 23.6 | 71      | 26.3 |
| 1964                                     | 45     | 12.8 | 79     | 22.8 | 79     | 26.8 | 112     | 37.3 |
| 1965                                     | 87     | 28.8 | 121    | 39.5 | 126    | 48.8 | 130     | 52.1 |
| 1966                                     | 66     | 14.8 | 77     | 25.4 | 81     | 30.1 | 89      | 34.9 |
| 1967                                     | 48     | 15.9 | 103    | 32.1 | 107    | 39.0 | 122     | 45.6 |
| 1968                                     | 45     | 11.6 | 82     | 21.4 | 90     | 28.3 | 94      | 33.0 |
| Normal                                   |        | 17.7 |        | 27.0 |        | 36.5 |         | 43.2 |
| <u>Aster Creek (Snake River)</u>         |        |      |        |      |        |      |         |      |
| 1959                                     | 38     | 11.0 | 55     | 15.5 | 81     | 24.1 | 85      | 27.5 |
| 1960                                     | 21     | 3.6  | 45     | 9.7  | 49     | 14.6 | 56      | 16.6 |
| 1961                                     | 41     | 11.8 | 42     | 12.3 | 71     | 19.7 | 79      | 25.9 |
| 1962                                     | 67     | 20.4 | 71     | 23.1 | 93     | 32.0 | 106     | 38.2 |
| 1963                                     | 28     | 8.0  | 48     | 10.9 | 61     | 17.7 | 56      | 19.2 |
| 1964                                     | 32     | 8.0  | 65     | 16.5 | 62     | 18.3 | 81      | 25.4 |
| 1965                                     | 78     | 24.7 | 102    | 33.9 | 99     | 37.9 | 107     | 41.9 |
| 1966                                     | 62     | 12.4 | 63     | 20.5 | 66     | 23.5 | 76      | 29.1 |
| 1967                                     | 40     | 12.8 | 91     | 26.6 | 89     | 31.2 | 100     | 36.2 |
| 1968                                     | 33     | 7.9  | 69     | 16.3 | 66     | 20.3 | 67      | 22.5 |
| Normal                                   |        | 13.3 |        | 20.2 |        | 26.7 |         | 31.7 |

Depth in Inches (S = Snow, W = Water)

| Year                              | Jan. 1 |   | Feb. 1 |      | Mar. 1 |      | April 1 |      |
|-----------------------------------|--------|---|--------|------|--------|------|---------|------|
|                                   | S      | W | S      | W    | S      | W    | S       | W    |
| <u>Colter Creek (Snake River)</u> |        |   |        |      |        |      |         |      |
| 1959                              |        |   | 48     | 12.3 | 65     | 18.7 | 59      | 20.8 |
| 1960                              |        |   | 36     | 8.1  | 50     | 12.8 | 44      | 15.5 |
| 1961                              |        |   | 34     | 9.2  | 53     | 15.5 | 59      | 19.1 |
| 1962                              |        |   | 55     | 16.2 | 68     | 21.9 | 70      | 25.4 |
| 1963                              |        |   | 38     | 8.4  | 49     | 14.0 | 47      | 15.7 |
| 1964                              |        |   | 57     | 12.8 | 52     | 16.4 | 74      | 22.4 |
| 1965                              |        |   | -      | -    | 74     | 25.3 | 78      | 26.9 |
| 1966                              |        |   | -      | -    | 55     | 16.3 | 43      | 16.4 |
| 1967                              |        |   | -      | -    | 60     | 20.6 | 61      | 22.5 |
| 1968                              |        |   | -      | -    | 56     | 18.6 | 55      | 19.6 |
| Normal                            |        |   |        |      |        | 19.8 |         | 23.0 |

|                                  |    |      |    |      |    |      |    |      |
|----------------------------------|----|------|----|------|----|------|----|------|
| <u>Glade Creek (Snake River)</u> |    |      |    |      |    |      |    |      |
| 1959                             | 30 | 7.4  | 42 | 11.0 | 61 | 17.1 | 62 | 20.3 |
| 1960                             | 13 | 2.1  | 33 | 6.3  | 45 | 12.0 | 49 | 15.0 |
| 1961                             | 36 | 8.6  | 35 | 10.0 | 50 | 13.9 | 60 | 18.3 |
| 1962                             | 51 | 14.0 | 56 | 17.5 | 70 | 23.4 | 70 | 27.4 |
| 1963                             | 16 | 3.9  | 37 | 9.0  | 44 | 11.8 | 44 | 13.0 |
| 1964                             | 29 | 6.5  | 52 | 12.9 | 50 | 15.1 | 67 | 20.6 |
| 1965                             | 47 | 13.9 | 69 | 20.6 | 71 | 25.0 | 74 | 27.0 |
| 1966                             | 37 | 6.8  | 46 | 13.3 | 57 | 16.3 | 54 | 19.1 |
| 1967                             | 29 | 7.3  | 52 | 14.8 | 61 | 18.9 | 63 | 22.0 |
| 1968                             | 29 | 5.9  | 50 | 11.8 | 59 | 18.1 | 57 | 19.3 |
| Normal                           |    | 8.8  |    | 14.3 |    | 19.0 |    | 22.5 |

|                                |    |      |    |      |    |      |    |      |
|--------------------------------|----|------|----|------|----|------|----|------|
| <u>Base Camp (Snake River)</u> |    |      |    |      |    |      |    |      |
| 1959                           | -  | -    | 51 | 11.5 | 58 | 15.3 | 55 | 17.7 |
| 1960                           | 14 | 2.7  | 30 | 6.1  | 40 | 10.5 | 42 | 13.5 |
| 1961                           | -  | 6.3  | 32 | 7.3  | 44 | 11.5 | 38 | 12.3 |
| 1962                           | 44 | 11.1 | 46 | 13.3 | 56 | 17.3 | 59 | 20.5 |
| 1963                           | 17 | 4.0  | 42 | 8.6  | 42 | 12.0 | 37 | 12.4 |
| 1964                           | 28 | 6.5  | 52 | 12.8 | 51 | 15.2 | 64 | 19.7 |
| 1965                           | 52 | 16.0 | 81 | 23.8 | 71 | 26.9 | 75 | 29.9 |
| 1966                           | 31 | 6.4  | 42 | 12.4 | 46 | 14.6 | 49 | 16.9 |
| 1967                           | 30 | 7.5  | 56 | 15.9 | 59 | 19.7 | 60 | 22.0 |
| 1968                           | 31 | 6.6  | 42 | 10.5 | 55 | 16.1 | 53 | 17.5 |
| Normal                         |    | 8.2  |    | 12.6 |    | 16.7 |    | 19.1 |

|                                                          |  |  |      |     |      |  |  |      |
|----------------------------------------------------------|--|--|------|-----|------|--|--|------|
| <u>Average water content of ten Jackson Lake courses</u> |  |  |      |     |      |  |  |      |
| 1959                                                     |  |  | 12.5 |     | 18.9 |  |  | 20.8 |
| 1960                                                     |  |  | 7.5  |     | 12.7 |  |  | 15.5 |
| 1961                                                     |  |  | 9.8  |     | 15.0 |  |  | 18.4 |
| 1962                                                     |  |  | 17.4 |     | 23.2 |  |  | 27.2 |
| 1963                                                     |  |  | 7.7  |     | 13.4 |  |  | 14.5 |
| 1964                                                     |  |  | 13.8 |     | 16.2 |  |  | 21.7 |
| 1965                                                     |  |  | 23.3 |     | 27.2 |  |  | 29.6 |
| 1966                                                     |  |  | 14.3 | (9) | 17.1 |  |  | 19.7 |
| 1967                                                     |  |  | 17.6 | (9) | 21.4 |  |  | 24.3 |
| 1968                                                     |  |  | 12.9 | (9) | 17.5 |  |  | 19.3 |
| Normal                                                   |  |  | 15.2 |     | 20.0 |  |  | 23.4 |



Depth in Inches (S - Snow, W - Water)

| Year                                     | Feb. 1 |      | Mar. 1 |      | April 1 |      |
|------------------------------------------|--------|------|--------|------|---------|------|
|                                          | S      | W    | S      | W    | S       | W    |
| <u>Turpin Meadows (Buffalo River)</u>    |        |      |        |      |         |      |
| 1959                                     | 37     | 7.3  | 42     | 10.1 | 36      | 11.1 |
| 1960                                     | 16     | 2.8  | 24     | 5.6  | 24      | 6.8  |
| 1961                                     | 25     | 5.6  | 31     | 7.4  | 28      | 8.4  |
| 1962                                     | 34     | 8.5  | 40     | 11.4 | 40      | 12.1 |
| 1963                                     | 27     | 4.9  | 31     | 7.1  | 22      | 6.4  |
| 1964                                     | 35     | 7.9  | 38     | 9.6  | 43      | 12.5 |
| 1965                                     | 48     | 10.6 | 40     | 12.4 | 42      | 12.9 |
| 1966                                     | 25     | 5.8  | 28     | 6.8  | 24      | 7.0  |
| 1967                                     | 30     | 7.1  | 35     | 9.6  | 29      | 9.8  |
| 1968                                     | 29     | 6.3  | 33     | 9.5  | 36      | 10.4 |
| Normal                                   |        | 7.3  |        | 9.5  |         | 10.5 |
| <u>Four Mile Meadows (Buffalo River)</u> |        |      |        |      |         |      |
| 1959                                     | 42     | 9.1  | 41     | 12.4 | 46      | 13.6 |
| 1960                                     | 24     | 4.6  | 33     | 7.8  | 34      | 9.6  |
| 1961                                     | 32     | 7.5  | 40     | 10.0 | 44      | 11.4 |
| 1962                                     | 40     | 10.1 | 49     | 13.3 | 54      | 15.9 |
| 1963                                     | 35     | 6.3  | 42     | 10.0 | 36      | 10.5 |
| 1964                                     | 42     | 9.5  | 45     | 11.8 | 51      | 15.1 |
| 1965                                     | 50     | 12.3 | 44     | 14.0 | 48      | 16.1 |
| 1966                                     | 29     | 6.9  | 35     | 8.6  | 34      | 9.4  |
| 1967                                     | 35     | 8.0  | 39     | 10.4 | 41      | 12.6 |
| 1968                                     | 41     | 9.5  | 47     | 12.3 | 52      | 14.9 |
| Normal                                   |        | 8.6  |        | 11.2 |         | 13.3 |
| <u>Black Rock (Buffalo River)</u>        |        |      |        |      |         |      |
| 1959                                     | 60     | 15.2 | 72     | 19.9 | 67      | 24.3 |
| 1960                                     | 39     | 9.5  | 48     | 13.4 | 57      | 17.4 |
| 1961                                     | 41     | 10.1 | 52     | 13.3 | 57      | 17.1 |
| 1962                                     | 51     | 14.8 | 68     | 20.2 | 72      | 25.0 |
| 1963                                     | 48     | 9.1  | 60     | 15.8 | 52      | 17.3 |
| 1964                                     | 56     | 13.5 | 57     | 16.8 | 68      | 22.3 |
| 1965                                     | 77     | 20.3 | 68     | 24.5 | 76      | 28.2 |
| 1966                                     | 40     | 10.8 | 37     | 12.7 | 48      | 15.8 |
| 1967                                     | 53     | 13.8 | 60     | 18.2 | 64      | 21.3 |
| 1968                                     | 59     | 15.3 | 67     | 20.3 | 69      | 22.6 |
| Normal                                   |        | 13.6 |        | 17.7 |         | 21.8 |
| <u>Togwotee Pass (Buffalo River)</u>     |        |      |        |      |         |      |
| 1959                                     | 75     | 20.9 | 87     | 26.8 | 84      | 32.2 |
| 1960                                     | 54     | 14.4 | 64     | 19.1 | 74      | 24.6 |
| 1961                                     | 54     | 15.3 | 67     | 19.0 | 71      | 24.0 |
| 1962                                     | 66     | 21.6 | 86     | 28.3 | 89      | 33.4 |
| 1963                                     | 64     | 13.6 | 77     | 22.0 | 69      | 24.4 |
| 1964                                     | 70     | 18.3 | 70     | 22.1 | 85      | 30.3 |
| 1965                                     | 99     | 28.1 | 86     | 33.5 | 99      | 39.4 |
| 1966                                     | 49     | 14.6 | 57     | 17.5 | 58      | 21.2 |
| 1967                                     | 74     | 20.1 | 81     | 26.9 | 86      | 31.6 |
| 1968                                     | 62     | 18.3 | 77     | 25.0 | 78      | 27.8 |
| Normal                                   |        | 18.7 |        | 24.3 |         | 29.8 |

Depth in Inches (S = Snow, W = Water)

| Year                                   | Jan. 1 |      | Feb. 1 |      | Mar. 1 |      | April 1 |      |
|----------------------------------------|--------|------|--------|------|--------|------|---------|------|
|                                        | S      | W    | S      | W    | S      | W    | S       | W    |
| <u>Valley View Ranch</u> (Henrys Fork) |        |      |        |      |        |      |         |      |
| 1959                                   | 19     | 2.7  | 32     | 6.2  | 47     | 11.6 | 44      | 12.8 |
| 1960                                   | 14     | 1.5  | 24     | 4.4  | 30     | 6.9  | 32      | 8.0  |
| 1961                                   | 25     | 4.8  | 23     | 5.8  | 39     | 10.1 | 42      | 13.4 |
| 1962                                   | 37     | 9.0  | 46     | 12.8 | 54     | 15.8 | 58      | 19.4 |
| 1963                                   | 21     | 4.7  | 31     | 7.6  | 32     | 8.4  | 35      | 9.0  |
| 1964                                   | 22     | 4.6  | 45     | 11.5 | 50     | 14.8 | 58      | 19.4 |
| 1965                                   | 45     | 11.2 | 76     | 23.5 | 64     | 24.0 | 65      | 25.9 |
| 1966                                   | 22     | 3.4  | 34     | 8.4  | 37     | 10.6 | 39      | 13.0 |
| 1967                                   | 33     | 7.0  | 62     | 18.2 | 61     | 22.2 | 69      | 25.2 |
| 1968                                   | 37     | 8.0  | 54     | 13.6 | 51     | 16.9 | 50      | 17.8 |
| Normal                                 |        | 5.5  |        | 9.6  |        | 13.2 |         | 16.4 |
| <u>Big Springs</u> (Henrys Fork)       |        |      |        |      |        |      |         |      |
| 1959                                   | 22     | 4.3  | 45     | 10.8 | 59     | 16.3 | 55      | 16.9 |
| 1960                                   | 13     | 1.5  | 27     | 5.6  | 38     | 10.0 | 34      | 11.0 |
| 1961                                   | 31     | 6.8  | 30     | 8.8  | 53     | 16.5 | 56      | 19.8 |
| 1962                                   | 49     | 13.5 | 56     | 17.5 | 68     | 22.8 | 69      | 25.6 |
| 1963                                   | 15     | 3.2  | 28     | 6.2  | 35     | 9.2  | 32      | 10.4 |
| 1964                                   | 26     | 5.8  | 49     | 11.4 | 53     | 14.9 | 65      | 21.8 |
| 1965                                   | 58     | 13.3 | 81     | 22.2 | 69     | 24.6 | 68      | 26.3 |
| 1966                                   | 23     | 3.3  | 41     | 10.5 | 46     | 13.9 | 44      | 16.8 |
| 1967                                   | 37     | 9.4  | 69     | 19.4 | 68     | 23.1 | 74      | 26.7 |
| 1968                                   | 32     | 5.9  | 55     | 12.1 | 51     | 16.8 | 50      | 17.9 |
| Normal                                 |        | 7.9  |        | 13.7 |        | 19.6 |         | 22.6 |
| <u>Island Park</u> (Henrys Fork)       |        |      |        |      |        |      |         |      |
| 1959                                   | 16     | 2.1  | 35     | 6.8  | 51     | 13.1 | 44      | 13.7 |
| 1960                                   | 14     | 1.5  | 26     | 4.8  | 36     | 7.9  | 30      | 8.9  |
| 1961                                   | 27     | 5.5  | 26     | 7.0  | 45     | 12.5 | 45      | 15.0 |
| 1962                                   | 40     | 10.2 | 49     | 13.2 | 57     | 17.6 | 62      | 20.3 |
| 1963                                   | 14     | 3.0  | 25     | 4.9  | 31     | 7.8  | 30      | 8.8  |
| 1964                                   | 23     | 4.5  | 42     | 8.7  | 43     | 11.1 | 51      | 15.9 |
| 1965                                   | 55     | 11.5 | 73     | 19.4 | 60     | 20.4 | 55      | 20.8 |
| 1966                                   | 19     | 2.5  | 56     | 8.4  | 40     | 11.2 | 34      | 11.5 |
| 1967                                   | 32     | 6.4  | 59     | 15.8 | 54     | 17.2 | 56      | 19.6 |
| 1968                                   | 26     | 4.4  | 46     | 8.9  | 44     | 12.9 | 30      | 13.5 |
| Normal                                 |        |      |        | 10.8 |        | 15.3 |         | 17.6 |
| <u>Grassy Lake</u> (Falls River)       |        |      |        |      |        |      |         |      |
| 1959                                   | 40     | 12.7 | 73     | 20.2 | 90     | 28.7 | 90      | 33.6 |
| 1960                                   | 21     | 3.9  | 52     | 11.7 | 68     | 20.1 | 74      | 25.2 |
| 1961                                   | 49     | 13.2 | 46     | 15.1 | 74     | 23.3 | 81      | 28.6 |
| 1962                                   | 70     | 20.4 | 77     | 25.6 | 92     | 34.4 | 100     | 39.9 |
| 1963                                   | 26     | 7.1  | 54     | 14.3 | 63     | 19.0 | 69      | 22.3 |
| 1964                                   | 40     | 10.1 | 74     | 19.7 | 78     | 24.4 | 97      | 33.1 |
| 1965                                   | 71     | 22.6 | 103    | 32.8 | 102    | 38.5 | 103     | 42.6 |
| 1966                                   | 48     | 10.8 | 65     | 19.1 | 79     | 25.4 | 75      | 28.8 |
| 1967                                   | 47     | 13.0 | 79     | 23.9 | 86     | 29.8 | 98      | 34.8 |
| 1968                                   | 55     | 12.9 | 81     | 22.4 | 91     | 30.2 | 89      | 33.8 |
| Normal                                 |        | 13.8 |        | 22.2 |        | 28.8 |         | 34.9 |

Depth in Inches (S = Snow, W = Water)

| <u>Year</u>                      | <u>Jan. 1</u> |          | <u>Feb. 1</u> |          | <u>Mar. 1</u> |          | <u>April 1</u> |          |
|----------------------------------|---------------|----------|---------------|----------|---------------|----------|----------------|----------|
|                                  | <u>S</u>      | <u>W</u> | <u>S</u>      | <u>W</u> | <u>S</u>      | <u>W</u> | <u>S</u>       | <u>W</u> |
| <u>Teton Pass (Teton River)</u>  |               |          |               |          |               |          |                |          |
| 1959                             | 44            | 12.3     | 76            | 21.6     | 96            | 29.4     | 102            | 36.9     |
| 1960                             | 26            | 5.0      | 48            | 12.1     | 67            | 20.6     | 82             | 28.1     |
| 1961                             | 47            | 11.8     | 47            | 14.2     | 70            | 20.0     | 75             | 25.7     |
| 1962                             | 65            | 18.3     | 82            | 26.2     | 96            | 32.9     | 110            | 42.1     |
| 1963                             | 23            | 5.8      | 33            | 8.5      | 52            | 16.0     | 65             | 21.3     |
| 1964                             | 33            | 9.0      | 64            | 17.7     | 67            | 21.7     | 85             | 27.7     |
| 1965                             | 70            | 20.6     | 92            | 28.7     | 100           | 38.6     | 106            | 39.0     |
| 1966                             | 34            | 7.1      | 46            | 13.5     | 53            | 17.2     | 62             | 22.0     |
| 1967                             | 36            | 11.0     | 78            | 23.2     | 84            | 29.8     | 89             | 34.2     |
| 1968                             | 53            | 15.3     | 72            | 24.0     | 99            | 32.0     | 105            | 38.0     |
| Normal                           |               | 14.2     |               | 20.8     |               | 27.8     |                | 34.9     |
| <u>State Line (Teton River)</u>  |               |          |               |          |               |          |                |          |
| 1959                             | 22            | 4.9      | 37            | 8.3      | 48            | 12.4     | 48             | 14.2     |
| 1960                             | 15            | 2.0      | 25            | 5.0      | 38            | 9.9      | 36             | 12.4     |
| 1961                             | 29            | 5.3      | 29            | 6.1      | 41            | 9.3      | 35             | 10.9     |
| 1962                             | 35            | 8.1      | 40            | 10.4     | 48            | 14.0     | 48             | 15.5     |
| 1963                             | 9             | 1.9      | 19            | 4.0      | 21            | 5.9      | 23             | 6.5      |
| 1964                             | 21            | 4.0      | 38            | 9.8      | 41            | 12.2     | 50             | 16.8     |
| 1965                             | 32            | 9.0      | 48            | 13.0     | 51            | 16.1     | 59             | 17.7     |
| 1966                             | 16            | 3.5      | 25            | 6.4      | 29            | 7.8      | 33             | 11.1     |
| 1967                             | 23            | 6.2      | 41            | 11.8     | 49            | 15.3     | 47             | 16.7     |
| 1968                             | 22            | 4.7      | 33            | 7.4      | 34            | 10.1     | 40             | 11.6     |
| Normal                           |               | 6.1      |               | 9.8      |               | 13.3     |                | 16.1     |
| <u>East Rim (Hoback River)</u>   |               |          |               |          |               |          |                |          |
| 1959                             | 22            | 5.7      | 31            | 6.9      | 37            | 10.4     | 36             | 10.3     |
| 1960                             | 8             | 1.1      | 15            | 3.5      | 23            | 4.7      | 26             | 7.6      |
| 1961                             | 15            | 2.7      | 15            | 2.8      | 21            | 4.0      | 24             | 6.5      |
| 1962                             | 32            | 8.2      | 39            | 10.5     | 45            | 11.8     | 51             | 14.4     |
| 1963                             | 7             | 1.0      | 27            | 4.8      | 27            | 5.8      | 26             | 6.7      |
| 1964                             | -             | -        | 30            | 5.8      | 32            | 7.4      | 41             | 10.0     |
| 1965                             | -             | -        | 51            | 12.3     | 49            | 16.6     | 52             | 17.7     |
| 1966                             | -             | -        | 23            | 5.2      | 27            | 6.3      | 22             | 7.1      |
| 1967                             | -             | -        | 32            | 7.8      | 36            | 9.9      | 41             | 12.7     |
| 1968                             | -             | -        | 26            | 6.3      | 33            | 9.7      | 33             | 10.1     |
| Normal                           | -             | -        |               | 6.8      |               | 9.1      |                | 11.0     |
| <u>Bryan Flat (Hoback River)</u> |               |          |               |          |               |          |                |          |
| 1959                             | 16            | 3.9      | 26            | 6.0      | 31            | 8.3      | 27             | 9.4      |
| 1960                             | 10            | 1.0      | 14            | 4.6      | 20            | 4.4      | 18             | 5.4      |
| 1961                             | -             | -        | 18            | 4.3      | 23            | 5.3      | 21             | 5.9      |
| 1962                             | -             | -        | 36            | 9.7      | 40            | 11.5     | 42             | 13.3     |
| 1963                             | -             | -        | 13            | 2.3      | 7             | 1.9      | 5              | 1.6      |
| 1964                             | -             | -        | 26            | 4.7      | 28            | 5.8      | 36             | 8.2      |
| 1965                             | -             | -        | 35            | 11.5     | 37            | 13.4     | 38             | 14.0     |
| 1966                             | -             | -        | 26            | 6.5      | 35            | 8.5      | 23             | 8.2      |
| 1967                             | -             | -        | 24            | 6.2      | 29            | 8.6      | 24             | 9.7      |
| 1968                             | -             | -        | 28            | 5.2      | 24            | 6.9      | 17             | 6.3      |
| Normal                           |               |          |               | 6.7      |               | 8.3      |                | 9.9      |

Depth in Inches (S = Snow, W = Water)

| Year                                   | Jan. 1 |      | Feb. 1 |      | Mar. 1 |      | April 1 |      |
|----------------------------------------|--------|------|--------|------|--------|------|---------|------|
|                                        | S      | W    | S      | W    | S      | W    | S       | W    |
| <u>Gros Ventre (Gros Ventre River)</u> |        |      |        |      |        |      |         |      |
| 1959                                   |        |      | -      | -    | 43     | 11.9 | 46      | 13.7 |
| 1960                                   |        |      | 21     | 5.0  | -      | 14.0 | 31      | 9.0  |
| 1961                                   |        |      | 19     | 4.0  | 34     | 8.0  | 37      | 9.8  |
| 1962                                   |        |      | 43     | 12.0 | 54     | 15.0 | 57      | 17.1 |
| 1963                                   |        |      | 37     | 8.5  | 32     | 8.0  | 34      | 9.2  |
| 1964                                   |        |      | 37     | 8.0  | 34     | 8.0  | 49      | 17.2 |
| 1965                                   |        |      | 58     | 14.5 | 56     | 19.0 | 55      | 19.0 |
| 1966                                   |        |      | 25     | 5.5  | 41     | 10.5 | 37      | 8.6  |
| 1967                                   |        |      | 36     | 9.0  | 44     | 10.5 | 51      | 13.9 |
| 1968                                   |        |      | 34     | 6.7  | 35     | 9.4  | 35      | 8.5  |
| Normal                                 |        |      |        | 8.5  |        | 10.9 |         | 12.5 |
| <u>Grover Park Divide (Salt River)</u> |        |      |        |      |        |      |         |      |
| 1959                                   | 21     | 5.2  | 24     | 5.5  | 37     | 9.3  | 32      | 10.2 |
| 1960                                   | 16     | 2.6  | 25     | 5.1  | 39     | 10.5 | 35      | 11.3 |
| 1961                                   | 23     | 5.5  | 21     | 4.6  | 30     | 7.5  | 29      | 7.5  |
| 1962                                   | 30     | 8.1  | 37     | 10.5 | 43     | 12.9 | 40      | 15.0 |
| 1963                                   | 7      | 1.0  | 23     | 5.1  | 30     | 7.4  | 25      | 8.1  |
| 1964                                   | 18     | 3.9  | 30     | 6.7  | 33     | 9.0  | 42      | 13.1 |
| 1965                                   | 31     | 7.9  | 51     | 12.4 | 41     | 13.6 | 40      | 13.4 |
| 1966                                   | 22     | 4.1  | 25     | 5.9  | 30     | 7.8  | 26      | 8.5  |
| 1967                                   | 17     | 3.8  | 31     | 8.0  | 38     | 11.3 | 39      | 12.8 |
| 1968                                   | 23     | 4.3  | 30     | 6.8  | 33     | 10.1 | 37      | 11.9 |
| Normal                                 |        | 5.1  |        | 7.5  |        | 10.2 |         | 11.8 |
| <u>CCC Camp FF12 (Salt River)</u>      |        |      |        |      |        |      |         |      |
| 1959                                   | 24     | 5.8  | 24     | 5.9  | 38     | 9.3  | 33      | 10.7 |
| 1960                                   | 15     | 2.6  | 24     | 5.0  | 38     | 9.3  | 26      | 9.6  |
| 1961                                   | 25     | 5.3  | 24     | 4.8  | 28     | 6.5  | 30      | 6.9  |
| 1962                                   | 31     | 7.0  | 36     | 9.3  | 45     | 11.7 | 40      | 11.5 |
| 1963                                   | 8      | 1.6  | 22     | 5.0  | 28     | 7.8  | 27      | 8.5  |
| 1964                                   | 20     | 4.0  | 36     | 8.0  | 38     | 9.6  | 45      | 13.5 |
| 1965                                   | 38     | 8.8  | 49     | 13.4 | 48     | 16.3 | 50      | 16.6 |
| 1966                                   | 16     | 3.5  | 28     | 5.4  | 32     | 8.1  | 28      | 7.6  |
| 1967                                   |        |      | 32     | 8.4  | 42     | 12.5 | 39      | 12.6 |
| 1968                                   | 22     | 4.1  | 25     | 5.3  | 31     | 8.4  | 30      | 10.0 |
| Normal                                 |        | 5.1  |        | 7.7  |        | 10.3 |         | 11.7 |
| <u>Salt River Summit (Salt River)</u>  |        |      |        |      |        |      |         |      |
| 1959                                   | 27     | 6.7  | 30     | 7.4  | 45     | 11.6 | 42      | 14.3 |
| 1960                                   | 15     | 2.0  | 26     | 5.0  | 41     | 10.1 | 35      | 12.3 |
| 1961                                   | 31     | 7.3  | 30     | 6.6  | 38     | 8.7  | 36      | 10.0 |
| 1962                                   | 40     | 8.7  | 44     | 13.0 | 57     | 14.9 | 55      | 19.4 |
| 1963                                   | 11     | 2.0  | 29     | 5.6  | 41     | 10.4 | 38      | 11.8 |
| 1964                                   | 24     | 5.4  | 45     | 10.3 | 43     | 12.5 | 54      | 16.6 |
| 1965                                   | 50     | 12.4 | 60     | 16.6 | 60     | 22.1 | 56      | 19.6 |
| 1966                                   | 23     | 5.9  | 35     | 8.5  | 41     | 12.0 | 38      | 11.5 |
| 1967                                   | 20     | 4.0  | 41     | 11.2 | 49     | 16.1 | 54      | 17.6 |
| 1968                                   | 25     | 4.8  | 31     | 7.1  | 40     | 10.4 | 39      | 12.6 |
| Normal                                 |        | 6.5  |        | 9.8  |        | 13.3 |         | 15.3 |

Depth in Inches (S = Snow, W = Water)

| Year                                | Jan. 1 |     | Feb. 1 |     | Mar. 1 |      | April 1 |      |
|-------------------------------------|--------|-----|--------|-----|--------|------|---------|------|
|                                     | S      | W   | S      | W   | S      | W    | S       | W    |
| <u>Greys Boundary (Greys River)</u> |        |     |        |     |        |      |         |      |
| 1959                                | 16     | 4.7 | 23     | 6.2 | 37     | 11.0 | 36      | 11.9 |
| 1960                                | 9      | 1.9 | 24     | 5.0 | 37     | 9.2  | 27      | 10.5 |
| 1961                                | 22     | 5.3 | 21     | 3.9 | 26     | 6.9  | 25      | 7.5  |
| 1962                                | 30     | 6.8 | 39     | 9.5 | 42     | 10.9 | 39      | 13.2 |
| 1963                                | T      | 0   | 20     | 4.5 | 12     | 3.3  | T       | 0    |
| 1964                                | 24     | 4.2 | 39     | 9.8 | 40     | 11.6 | 51      | 15.1 |
| 1965                                | 19     | 4.4 | 41     | 9.1 | 35     | 10.8 | 35      | 11.9 |
| 1966                                | 14     | 3.3 | 25     | 4.9 | 32     | 8.1  | 26      | 7.4  |
| 1967                                | 13     | 1.9 | 28     | 8.3 | 35     | 10.3 | 29      | 9.2  |
| 1968                                | 24     | 4.3 | 35     | 8.4 | 34     | 10.6 | 28      | 10.4 |
| Normal                              |        | 4.6 |        | 7.7 |        | 10.1 |         | 10.8 |

On April 1, 1968, the snow (water content) was the following average percent of normal: above Jackson Lake 83%, Moran to Heise 92%, Island Park 87%, Falls River 97%, Teton River 97%.

Comparable figures for run-off during the year ending September 30, 1968, as percent of normal were: Snake River at Moran 96%, Snake River near Heise 99%, Henrys Fork near Ashton 112%, Falls River near Squirrel 105%, Teton River near St. Anthony 116%.

Precipitation for October, February, May, June and August was above normal. For all other months it was below normal.

The following tables show forecasts of streamflow made last spring compared to observed run-off:

Forecasts by Soil Conservation Service - April 1, 1968

| Sta<br>Station              | <u>Runoff in Acre-feet - April thru Sept.</u> |                  |                     |
|-----------------------------|-----------------------------------------------|------------------|---------------------|
|                             | <u>Forecast</u>                               | <u>Observed*</u> | <u>% difference</u> |
| Snake River at Moran        | 770,000                                       | 814,000          | -5.4                |
| Snake River near Heise      | 3,500,000                                     | 3,707,000        | -5.6                |
| Salt River near Etna        | 290,000                                       | 330,100          | -12.2               |
| Henrys Fork near Ashton     | 605,000                                       | 641,900          | -5.8                |
| Teton River nr. St. Anthony | 360,000                                       | 451,200          | -20.2               |

\*Corrected for storage in upstream reservoirs

\*\*Corrected for inflow from Cross Cut Canal



Forecasts by U. S. Weather Bureau - April 1, 1968

| <u>Station</u>              | <u>Runoff in acre-feet - April thru Sept.</u> |                  |                     |
|-----------------------------|-----------------------------------------------|------------------|---------------------|
|                             | <u>Forecast</u>                               | <u>Observed*</u> | <u>% difference</u> |
| Snake River at Moran        | 790,000                                       | 814,000          | -2.9                |
| Snake River near Heise      | 3,200,000                                     | 3,707,000        | -13.7               |
| Salt River near Etna        | 262,000                                       | 330,100          | -20.6               |
| Henrys Fork near Ashton     | 524,000                                       | 641,900          | -18.4               |
| Henrys Fork near Rexburg    | 1,090,000                                     | 1,771,000**      | -38.4               |
| Falls River nr. Squirrel    | 367,000                                       | 413,500          | -11.3               |
| Teton River nr. St. Anthony | 376,000                                       | 451,200          | -16.6               |

\* Corrected for storage in upstream reservoirs

\*\* Corrected for diversions.

May and June precipitation was over 150% of the normal amount over the entire watershed. August precipitation was over three times normal. For this reason forecasts were lower than amounts observed.

1968 REGULATION SCHEDULE

|         |                                                          |
|---------|----------------------------------------------------------|
| June 26 | Filling part of March 30, 1921 priority                  |
| July 8  | Filling part of March 26, 1903 priority                  |
| 11      | Filling part of October 7, 1905 priority                 |
| 18      | Filling part of March 26, 1903 priority                  |
| 22      | Cut off October 11, 1900 rights above Blackfoot          |
| 23      | Cut off all 1898 rights above Blackfoot                  |
| 24      | Cut off November 15, 1895 rights on all streams          |
| 30      | Cut off March 22, 1895 rights                            |
| Aug. 2  | Filled 30% February 6, 1895 rights                       |
| 7       | Cut off Feb. 6, 1895 priority                            |
| 9       | Cut off all 1895 rights above Blackfoot                  |
| 11      | Restore February 6, 1895 priority                        |
| 13      | Filling part of March 26, 1903 priority in upper valley  |
| 16      | Filling part of October 7, 1905 priority on entire river |
| 19      | Filling part of December 23, 1915 priority               |
| 21      | Filling part of March 30, 1921                           |
| Sept. 6 | Filling part of October 7, 1905 priority                 |
| 9       | Filling part of October 11, 1900                         |
| 10      | Cut off 1896 rights                                      |
| 12      | Filled 50% February 6, 1895 priority                     |
| 23      | Filled March 26, 1903 rights                             |
| 24      | Filled part of October 7, 1905 priority                  |
| 28      | Restored all rights and discontinued regulation          |



### WATER SUPPLY

Runoff in acre-feet at various gaging stations during the year ending September 30, 1968, was as follows:

| <u>Station</u>               | <u>1968<br/>Runoff</u> | <u>Average<br/>runoff<br/>past years</u> | <u>Years<br/>of<br/>Record</u> | <u>1968<br/>% of<br/>Average</u> |
|------------------------------|------------------------|------------------------------------------|--------------------------------|----------------------------------|
| Snake River at Moran         | 997,700                | 1,038,000                                | 65                             | 96                               |
| Snake River near Heise       | 4,938,000              | 4,955,000                                | 58                             | 100                              |
| Snake River at Neeley        | 5,094,000              | 4,914,000                                | 42                             | 103                              |
| Falls River near Squirrel    | 578,600                | 546,900                                  | 54                             | 105                              |
| Teton River near St. Anthony | 634,800                | 543,900                                  | 35                             | 116                              |
| Henrys Fork near Ashton      | 1,129,000              | 1,002,000                                | 48                             | 112                              |
| Henrys Fork near Rexburg     | 1,594,000              | 1,382,000                                | 59                             | 115                              |

The runoff at Moran has been corrected for Jackson Lake holdovers; near Heise for Jackson Lake and Palisades holdovers; at Neeley for Palisades and American Falls Holdovers; at Squirrel for Grassy Lake holdovers; at Ashton for Island Park and Henrys Lake holdovers; at Rexburg for Grassy Lake, Island Park and Henrys Lake holdovers; at St. Anthony for Cross Cut Canal discharge into Teton River.

Peak daily discharges were as follows:

|                                |                           |
|--------------------------------|---------------------------|
| Snake River at Moran           | 5,700 cfs on June 21      |
| Snake River near Heise         | 19,000 cfs on July 15, 16 |
| Snake River near Blackfoot     | 20,100 cfs on June 16     |
| Henrys Fork near Rexburg       | 8,840 cfs on June 14, 15  |
| Teton River near St. Anthony   | 3,560 cfs on June 14      |
| Blackfoot River near Blackfoot | 742* cfs on August 22     |
| Snake River at Milner          | 11,600 cfs on June 17     |

\* Includes 374 cfs in Bypass channel.

No flooding occurred on any of the above streams. The peak flow at Heise would have been about 29,700 cfs on June 7 had there been no regulation by upstream reservoirs.

Annual reservoir holdovers on September 20 during the past ten years are shown in the following tabulation:

Holdovers on September 30 in thousands of acre-feet

| Year | Jackson Lake | Pali-sades | American Falls | Lake Walcott | Henrys Lake | Island Park | Grassy Lake | Total   |
|------|--------------|------------|----------------|--------------|-------------|-------------|-------------|---------|
| 1959 | 551.3        | 449        | 90             | 95.2         | 63.1        | 19.8        | 6.4         | 1,274.8 |
| 1960 | 375.0        | 42         | 14             | 32.8         | 45.5        | 12.8        | 4.5         | 526.6   |
| 1961 | 3.3          | 294        | 101            | 57.2         | 38.8        | 13.6        | 5.6         | 513.5   |
| 1962 | 525.4        | 770        | 265            | 92.5         | 67.5        | 65.0        | 11.3        | 1,796.7 |
| 1963 | 611.9        | 696        | 353            | 87.0         | 64.1        | 33.5        | 6.3         | 1,851.8 |
| 1964 | 588.4        | 849        | 475            | 89.8         | 62.8        | 68.7        | 10.4        | 2,144.1 |
| 1965 | 631.6        | 1,161      | 1,023          | 95.3         | 70.4        | 102.8       | 11.3        | 3,095.4 |
| 1966 | 516.8        | 271        | 9              | 49.7         | 56.3        | 5.5         | 6.6         | 914.9   |
| 1967 | 558.8        | 828        | 494            | 95.8         | 75.6        | 80.8        | 9.6         | 2,142.6 |
| 1968 | 585.5        | 1,094      | 751            | 94.0         | 77.8        | 90.2        | 9.2         | 2,701.7 |
| Av.  | 494.8        | 645        | 358            | 78.9         | 62.2        | 49.3        | 8.1         | 1,696.3 |

Palisades figures are after deducting 201,000 acre-feet dead storage. The usable capacity of the above reservoirs is 4,082,000 acre-feet. The 1968 holdover is the greatest since 1965.

CHANGES IN POINT OF DIVERSION

None

LITIGATION

The Idaho State Reclamation Engineer withdrew his intervention in connection with the suits to establish April 1, 1939 decrees for various canals. This case was tried and a decree issued in the Twin Falls court. A concurrent suit in the Bonneville District Court is pending.

COMMUNITY LATERAL MANAGERS

None.

CANAL DELIVERIES

Daily diversions from Snake River by canals above American Falls reservoir during the 1968 irrigation season are shown on Plates 6-10, 52, 53. Daily diversions for canals below American Falls are shown on Plates 57-69. Miscellaneous measurements of various canals and streams in the headwater areas are shown on Plate 24.

Total canal diversions during 1968 irrigation season by all canals in the district, including headwater areas, as tabulated in the annual watermaster bill, amounted to 7,998,000 acre-feet. This is almost as high as the 1962, 1966 and 1967 years which were the greatest of record.

Diversions during 1968 irrigation season by Snake River  
Canals (downstream order from Heise)

(May thru September for upper valley canals; April 15 to Sept. 30  
for lower valley canals)

| Canal                      | Diversions<br>(acre-feet) | Acres<br>Irrigated | Acre-feet<br>per acre |
|----------------------------|---------------------------|--------------------|-----------------------|
| Riley                      | 4,260                     | 900                | 4.7                   |
| Progressive Irr. Dist      | 212,100 (a)               | 33,000             | 6.4                   |
| Farmers Friend             | 97,670                    | 10,500             | 9.3                   |
| Enterprise Canal           | 39,780 (b)                | 5,200              | 7.6                   |
| Nelson                     | 390                       | 55                 | 7.1                   |
| Mattson Craig & Arnsberger | 2,590                     | 485                | 5.3                   |
| Ross & Rand                | 650                       | 145                | 4.5                   |
| Butler Island              | 11,630                    | 1,100              | 10.6                  |
| Steele                     | 1,970                     | 220                | 9.0                   |
| Harrison                   | 132,500                   | 13,000             | 10.2                  |
| Cheney                     | 850                       | 103                | 8.2                   |
| Rudy Irr. Co.              | 65,570                    | 5,000              | 13.1                  |
| Kite & Nord                | 1,510                     | 210                | 7.2                   |
| Burgess                    | 253,500                   | 22,000             | 11.5                  |
| Clark & Edwards            | 22,780                    | 1,940              | 11.7                  |
| Lowder                     | 13,830                    | 1,000              | 13.8                  |
| East Labelle               | 32,000                    | 3,000              | 10.7                  |
| Sunnydell                  | 38,020                    | 3,780              | 10.0                  |
| Lenroot                    | 32,570                    | 3,100              | 10.5                  |
| Reid                       | 52,960                    | 5,500              | 9.6                   |
| Texas Feeder               | 80,580                    | 10,000             | 8.1                   |
| Nelson Corey               | 1,550                     | 270                | 5.7                   |
| Hill Pettinger             | 930                       | 200                | 4.6                   |
| Rigby                      | 45,870                    | 4,000              | 11.5                  |
| Dilts                      | 7,360                     | 580                | 12.7                  |
| Island                     | 56,050                    | 5,500              | 10.2                  |
| W. Labelle & Long Island   | 149,900                   | 10,500             | 14.2                  |
| Parks & Lewisville         | 95,020                    | 7,000              | 13.6                  |
| North Rigby                | 15,610                    | 1,400              | 11.1                  |
| White                      | 660                       | 110                | 6.0                   |
| Ellis                      | 720                       | 70                 | 10.3                  |
| Bramwell                   | 2,390                     | 470                | 5.1                   |

Diversions by Snake River canals, 1968 - continued

| Canals                  | Diversions<br>(acre-feet) | Acres<br>Irrigated | Acre-feet<br>per acre |
|-------------------------|---------------------------|--------------------|-----------------------|
| Butte & Market Lake     | 75,930                    | 20,000             | 3.8                   |
| Osgood                  | 9,680 (c)                 | 6,210 (c)          | 1.6                   |
| Bear Island & Smith     | 840                       | 330                | 2.5                   |
| Idaho                   | 265,800 (a)               | 35,850             | 7.4                   |
| Kennedy                 | 8,300                     | 2,700              | 3.1                   |
| Great Western & Porter  | 207,200                   | 30,220 (d)         | 6.6                   |
| Kellar                  | 0                         | 0                  | 0                     |
| Woodville               | 24,890                    | 2,350              | 10.6                  |
| SNAKE RIVER VALLEY      | 185,400 (a)               | 20,790             | 8.9                   |
| Reservation             | 86,740 (e)                | 54,773             | 1.6                   |
| Blackfoot               | 101,200                   | 15,000             | 6.8                   |
| New Lava Side           | 40,540                    | 6,000              | 6.8                   |
| Peoples                 | 119,400                   | 20,000             | 6.0                   |
| Aberdeen                | 339,300                   | 63,000             | 5.4                   |
| Corbett                 | 49,030                    | 6,000              | 8.2                   |
| Nielsen-Hansen          | 3,140                     | 460                | 6.8                   |
| Riverside               | 33,450                    | 5,000              | 6.7                   |
| Danskin                 | 50,200                    | 6,000              | 8.4                   |
| Trego                   | 19,690                    | 1,620              | 12.1                  |
| Wearyrick               | 18,580                    | 1,600              | 11.6                  |
| Watson                  | 32,640                    | 3,000              | 10.9                  |
| Parsons                 | 14,290                    | 930                | 15.3                  |
| Fort Hall Michaud Canal | 26,910 (f)                | 8,693 (f)          | 3.1                   |
| Falls Irrig. Dist.      | 20,930 (g)                | 7,211 (g)          | 3.0                   |
| Minidoka Irrig. Dist.   | 423,300                   | 72,000             | 5.9                   |
| Burley Irr. Dist.       | 290,100                   | 48,000             | 6.1                   |
| A&B Irrigation Dist.    | 47,310                    | 14,520             | 3.3                   |
| Twin Falls Canal Co.    | 1,090,000                 | 202,700            | 5.4                   |
| North Side Canal Co.    | 1,093,000                 | 160,000            | 6.8                   |
| Milner Low Lift         | 60,510                    | 13,470 (h)         | 4.5                   |
| Gooding                 | 473,100                   | 63,700             | 7.4                   |
| Total                   | 6,619,320                 | 1,041,975          | 6.4                   |

(a) Received additional water from Willow and Sand Creeks

(b) Used additional water from Willow Creek early in season

(c) Water pumped from wells for about 600 acres of this land

(d) Includes 7,680 acres outside New Sweden District to which water was delivered.

(e) Received additional water from Sand Creek & Blackfoot R.

(f) An additional 1,541 acre-feet was pumped from wells for irrigation of another 1,338 acres.

(g) Acreage includes 1,024 acres of non-project land supplied from canal. An additional 222 acres supplied from wells by private users and 3,524 acres of project land were irrigated by pumping 6,565 acre-feet from wells.

(h) Also delivered water to 645 acres outside the district.

These main river canals diverted about 3.9% less water than in 1967. Total diversions were among the highest of record.

Of the 3,477,000 acre-feet diverted by lower valley canals (below Neeley), 1,065,000 acre-feet or 31% was stored water. Upper valley main canals diverted 3,142,000 acre-feet, of which 290,000 acre-feet or 9% was stored water.

The following tabulations shows the monthly diversions in various sections of the District during the past ten years:

Diversions in Thousands of Acre-feet  
Heise to Blackfoot

| <u>Year</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Season</u> |
|-------------|------------|-------------|-------------|-------------|--------------|---------------|
| 1959        | 580        | 788         | 814         | 690         | 519          | 3,391         |
| 1960        | 592        | 791         | 825         | 615         | 487          | 3,310         |
| 1961        | 584        | 746         | 711         | 521         | 292          | 2,854         |
| 1962        | 530        | 749         | 837         | 703         | 557          | 3,376         |
| 1963        | 303        | 553         | 907         | 668         | 476          | 2,907         |
| 1964        | 277        | 560         | 869         | 717         | 556          | 2,979         |
| 1965        | 389        | 721         | 806         | 661         | 468          | 3,045         |
| 1966        | 623        | 783         | 810         | 642         | 485          | 3,343         |
| 1967        | 384        | 620         | 822         | 742         | 640          | 3,208         |
| 1968        | 541        | 720         | 871         | 534         | 492          | 3,158         |
| Average     | 480        | 703         | 827         | 649         | 497          | 3,156         |

Henry's Fork and Tributaries  
(excluding headwater areas)

| <u>Year</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Season</u> |
|-------------|------------|-------------|-------------|-------------|--------------|---------------|
| 1959        | 223        | 270         | 233         | 190         | 130          | 1,046         |
| 1960        | 216        | 261         | 221         | 178         | 132          | 1,008         |
| 1961        | 170        | 247         | 174         | 138         | 75           | 804           |
| 1962        | 235        | 261         | 221         | 196         | 140          | 1,053         |
| 1963        | 174        | 207         | 250         | 189         | 115          | 935           |
| 1964        | 163        | 212         | 256         | 203         | 144          | 978           |
| 1965        | 188        | 249         | 248         | 197         | 124          | 1,006         |
| 1966        | 225        | 240         | 215         | 169         | 117          | 966           |
| 1967        | 190        | 243         | 234         | 204         | 149          | 1,020         |
| 1968        | 207        | 217         | 246         | 154         | 124          | 948           |
| Average     | 199        | 241         | 230         | 182         | 125          | 977           |

Figures are after deduction for water spilled from Cross Cut Canal into Teton River.



Minidoka Project

| <u>Year</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Season</u> |
|-------------|--------------|------------|-------------|-------------|-------------|--------------|---------------|
| 1959        | 74           | 119        | 166         | 183         | 159         | 85           | 786           |
| 1960        | 46           | 162        | 165         | 138         | 157         | 109          | 827           |
| 1961        | 21           | 169        | 156         | 175         | 134         | 28           | 683           |
| 1962        | 30           | 122        | 140         | 189         | 163         | 111          | 755           |
| 1963        | 18           | 116        | 114         | 191         | 160         | 89           | 688           |
| 1964        | 5            | 133        | 97          | 200         | 178         | 112          | 725           |
| 1965        | 27           | 136        | 158         | 187         | 139         | 111          | 758           |
| 1966        | 76           | 172        | 150         | 191         | 155         | 86           | 830           |
| 1967        | 27           | 124        | 124         | 201         | 176         | 115          | 767           |
| 1968        | 45           | 169        | 146         | 199         | 101         | 97           | 757           |
| Average     | 37           | 142        | 142         | 190         | 152         | 94           | 757           |

North Side Canal Co. Project

|         |     |     |     |     |     |     |       |
|---------|-----|-----|-----|-----|-----|-----|-------|
| 1959    | 106 | 181 | 201 | 234 | 223 | 142 | 1,087 |
| 1960    | 76  | 194 | 206 | 240 | 226 | 170 | 1,112 |
| 1961    | 84  | 185 | 147 | 196 | 159 | 60  | 831   |
| 1962    | 70  | 190 | 202 | 247 | 236 | 191 | 1,136 |
| 1963    | 71  | 183 | 193 | 246 | 230 | 168 | 1,091 |
| 1964    | 42  | 186 | 201 | 247 | 244 | 192 | 1,112 |
| 1965    | 86  | 195 | 209 | 237 | 224 | 166 | 1,117 |
| 1966    | 109 | 217 | 212 | 243 | 229 | 172 | 1,182 |
| 1967    | 104 | 198 | 202 | 254 | 242 | 202 | 1,202 |
| 1968    | 98  | 200 | 208 | 249 | 202 | 163 | 1,120 |
| Average | 85  | 193 | 198 | 239 | 222 | 163 | 1,100 |

Gooding Project

|         |    |    |    |     |    |    |     |
|---------|----|----|----|-----|----|----|-----|
| 1959    | 27 | 78 | 82 | 93  | 85 | 68 | 433 |
| 1960    | 21 | 89 | 91 | 99  | 89 | 63 | 452 |
| 1961    | 16 | 82 | 77 | 84  | 79 | 18 | 356 |
| 1962    | 22 | 83 | 87 | 102 | 99 | 85 | 478 |
| 1963    | 15 | 75 | 82 | 101 | 94 | 81 | 448 |
| 1964    | 2  | 76 | 90 | 102 | 97 | 79 | 446 |
| 1965    | 16 | 75 | 82 | 95  | 85 | 71 | 424 |
| 1966    | 27 | 88 | 88 | 94  | 82 | 67 | 446 |
| 1967    | 21 | 84 | 85 | 102 | 98 | 80 | 470 |
| 1968    | 30 | 91 | 94 | 100 | 84 | 74 | 473 |
| Average | 20 | 82 | 86 | 97  | 89 | 69 | 443 |



Twin Falls Project

| <u>Year</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Season</u> |
|-------------|--------------|------------|-------------|-------------|-------------|--------------|---------------|
| 1959        | 118          | 185        | 190         | 222         | 213         | 128          | 1,056         |
| 1960        | 95           | 207        | 201         | 227         | 215         | 160          | 1,105         |
| 1961        | 103          | 194        | 190         | 228         | 204         | 110          | 1,034         |
| 1962        | 98           | 196        | 191         | 232         | 223         | 181          | 1,121         |
| 1963        | 76           | 193        | 186         | 238         | 220         | 162          | 1,075         |
| 1964        | 41           | 197        | 185         | 239         | 233         | 178          | 1,073         |
| 1965        | 98           | 209        | 203         | 232         | 219         | 159          | 1,120         |
| 1966        | 140          | 220        | 190         | 226         | 219         | 164          | 1,159         |
| 1967        | 101          | 202        | 191         | 237         | 234         | 186          | 1,150         |
| 1968        | 106          | 220        | 204         | 239         | 193         | 157          | 1,112         |
| Average     | 98           | 201        | 193         | 232         | 217         | 158          | 1,099         |

August and September diversions were much below the average.

Ground water, both east and west of Rigby, again reached high levels in August and September.

### RIVER DATA

A tabulation was included in the appendix to the 1967 report showing monthly runoff of Snake River near Heise (adjusted for storage in upstream reservoirs) for the 1911-67 period. Similar data for 1968 are shown on Plate 34A.

The usual methods of segregating stored water and normal flow at the reservoir outlets was continued in use during 1968. Palisades reservoir was operated on the same basis as Jackson Lake, namely, convert the daily drop in Lake level to second-feet and call it storage released from Palisades. For some time after storage draft started a lag of several days was maintained in making normal flow cuts to avoid any possible natural flow losses at the high lake levels existing at Palisades and Jackson Lake. Later on in the season when dropping lake and river levels resulted in bank storage return, this water was gradually recovered for credit as stored water so that it balanced out by the end of the irrigation season.

Daily figures showing segregation of flow at the various river gaging stations and storage diversions by canals are shown on Plates 12 and 13 for Snake River and Plate 21 for Henrys Fork.

Storage use started on June 26 and continued through September 27.

Total storage passing the Blackfoot station during the season amounted to 7,100 acre-feet. This figure was unusually low because of negative storage balances of about 45,000 acre-feet July 9-20 and 54,000 acre-feet August 22 to September 7.

Blackfoot River Reservoir holdover on September 30 was 256,900 acre-feet. The Indian Service 1891 decree was not

cut off in 1968.

A number of canals were bothered with moss growth during the 1968 season. The Aberdeen Canal reported an overall loss of 39.5% compared to 37.2% in 1967.

### STORED WATER DELIVERIES

#### Reservoir Allotments

All reservoirs except Palisades filled and allotments were made as follows:

|                 |                     |
|-----------------|---------------------|
| American Falls  | 1,700,000 acre-feet |
| Jackson Lake    | 847,000 acre-feet   |
| Palisades (95%) | 1,140,000 acre-feet |

#### 1968 Storage Allotments in Acre-feet (Downstream order from Heise)

| <u>Canal</u>                  | <u>American Falls</u> | <u>Jackson Lake</u> | <u>Palisades</u> | <u>Total</u> |
|-------------------------------|-----------------------|---------------------|------------------|--------------|
| Poplar Irrigation Dist.       | 673                   | 1,589               | 1,475            | 3,737        |
| Progressive Irr. Dist.        | 12,485                | 7,209               | 27,075           | 46,769       |
| Farmers Friend                |                       | 2,000               | 8,930            | 10,930       |
| Enterprise Canal Co.          | 8,923                 | 11,252              | 8,620            | 38,795       |
| Mattson Craig                 |                       |                     | 1,368            | 1,368        |
| Bufler Island                 |                       |                     | 228              | 228          |
| Harrison                      | 12,025                | 11,943              | 22,325           | 46,293       |
| Rudy                          | 2,649                 | 3,530               | 14,915           | 21,094       |
| Burgess                       | 9,496                 | 10,603              | 29,830           | 49,929       |
| Clark & Edwards               |                       |                     | 760              | 760          |
| Lowder                        |                       | 1,040               | 1,520            | 2,560        |
| East Labelle                  |                       |                     | 760              | 760          |
| Sunnydell                     |                       | 4,000               | 5,985            | 9,985        |
| Lenroot                       | 3,868                 | 5,234               | 7,458            | 16,560       |
| Reid                          | 2,549                 | 1,472               | 2,992            | 7,013        |
| Texas & Liberty Park          |                       |                     | 4,465            | 4,465        |
| Enterprise Irr. Dist. (N.F.)  | 10,188                | 5,883               |                  | 16,071       |
| Freemont-Madison Dist. (N.F.) |                       |                     | 950              | 950          |
| Rigby                         |                       |                     | 5,985            | 5,985        |
| Island                        |                       |                     | 4,465            | 4,465        |
| Dilts                         | 886                   | 511                 | 1,140            | 2,537        |
| West Labelle                  |                       |                     | 950              | 950          |
| Long Island                   |                       |                     | 4,750            | 4,750        |
| Parks & Lewisville            |                       |                     | 5,225            | 5,225        |
| North Rigby                   |                       |                     | 1,140            | 1,140        |
| Butte & Market Lake           | 4,666                 | 2,695               | 41,800           | 49,161       |

1968 Storage Allotments - continued

| <u>Canal</u>                | <u>American<br/>Falls</u> | <u>Jackson<br/>Lake</u> | <u>Palisades</u> | <u>Total</u> |
|-----------------------------|---------------------------|-------------------------|------------------|--------------|
| Osgood (U.I.S.Co.)          | 13,459                    | 7,771                   | 14,488           | 35,718       |
| Bear Island                 | 191                       | 110                     |                  | 301          |
| Sakaguchi (Smith & Kennedy) | 71                        | 41                      |                  | 112          |
| Clement Bros. (Kennedy)     |                           | 155                     |                  | 155          |
| Owners Mutual               |                           | 200                     | 276              | 476          |
| Shattuck Irrigation         |                           |                         | 3,705            | 3,705        |
| Idaho                       | 22,911                    | 13,230                  | 55,860           | 92,001       |
| Martin                      | 2,006                     | 2,659                   | 5,320            | 9,985        |
| New Sweden Irr. Dist.       | 25,731                    | 19,857                  | 29,838           | 75,426       |
| West Side Mutual            |                           |                         | 2,232            | 2,232        |
| Woodville                   | 6,047                     | 3,491                   | 5,700            | 15,238       |
| Snake River Valley          | 26,367                    | 30,225                  | 33,535           | 90,127       |
| Palisades Waterusers        |                           |                         | 47,718           | 47,718       |
| Blackfoot                   | 12,763                    | 7,370                   | 3,848            | 23,981       |
| New Lava Side               |                           |                         | 11,162           | 11,162       |
| Peoples                     | 21,415                    | 20,365                  | 33,250           | 75,030       |
| Aberdeen                    | 55,951                    | 74,626                  | 145,160          | 275,377      |
| Corbett                     | 3,396                     | 1,961                   | 5,985            | 11,342       |
| Riverside                   |                           |                         | 1,425            | 1,425        |
| Danskin                     |                           |                         | 2,232            | 2,232        |
| Trego                       | 1,314                     | 758                     | 3,040            | 5,112        |
| Wearyrick                   |                           |                         | 570              | 570          |
| Watson                      |                           |                         | 2,232            | 2,232        |
| Parsons                     |                           |                         | 665              | 665          |
| Total above Blackfoot       | 259,670                   | 251,780                 | 623,352          | 1,134,802    |
| Fort Hall Michaud           | 47,700                    |                         | 79,705           | 127,405      |
| Falls Irrig. Dist.          | 23,300                    |                         | 38,855           | 62,155       |
| Minidoka Irrig. Dist.       | 83,563                    | 186,030                 | 33,250           | 302,843      |
| Burley Irrig. Dist.         | 157,942                   |                         | 37,240           | 195,182      |
| A&B Irrig. Dist.            | 47,593                    |                         | 86,260           | 133,853      |
| Milner Low Lift             | 45,687                    |                         | 42,275           | 87,962       |
| Twin Falls Canal Co.        | 151,185                   | 97,183                  |                  | 248,368      |
| Hillsdale                   | 41,146                    |                         |                  | 41,146       |
| North Side Canal Co.        | 397,214                   | 312,007                 | 110,770          | 819,991      |
| Gooding                     | 400,000                   |                         | 950              | 400,950      |
| Idaho Power Co.             | 45,000                    |                         |                  | 45,000       |
| City of Pocatello           |                           |                         | 47,500           | 47,500       |
| Westvaco                    |                           |                         | 4,750            | 4,750        |
| J. R. Simplot               |                           |                         | 2,375            | 2,375        |
| *U. S.                      |                           |                         | 32,718           | 32,718       |
| Total below Blackfoot       | 1,440,330                 | 595,220                 | 516,648          | 2,552,198    |
| Grand Total                 | 1,700,000                 | 847,000                 | 1,140,000        | 3,687,000    |

\*Wyoming 31,350 a.f.; contingencies 1,368 a.f.

The large holdovers at the end of the season indicate that much water will be spilled prior to the 1969 irrigation season. For this reason, no computations were made of individual holdovers.

The storage rental committee, consisting of E. H. Neal, Leonard Graham, and H. C. Eagle, supervised water rentals.

Summary of Water District No. 36 Rentals - 1968

| <u>Supply</u>          |            | <u>Use</u>        |              |
|------------------------|------------|-------------------|--------------|
| U.S. Indian Service    | 850 a.f.   | Swan Valley       | 100 a.f.     |
| Falls Irrigation Dist. | 4,560      | Heise to Shelley  | 1,905        |
| Paul Traughber         | 240        | Reservation Canal | 750          |
| M. J. Danielsen        | 70         | Milner Low Lift   | 1,860        |
| Mary Burke             | 325        | Other             | 1,530        |
| Mabel Winterfield      | <u>100</u> |                   |              |
|                        | 6,145 a.f. |                   | <u>6,145</u> |

All rentals were at the rate of 50¢ per acre-foot

The Fremont-Madison Irrigation District rented an additional 491 acre-feet to users in the Henrys Fork area.

Supply and Disposal of stored water, 1968  
(acre-feet)

| <u>Supply</u>                 |         |              |
|-------------------------------|---------|--------------|
| Jackson Lake Contents         | July 6  | 847,480      |
| Palisades (usable)            | June 22 | 1,310,000    |
| American Falls                | June 24 | 1,688,000    |
| Lake Walcott                  | June 24 | 90,410       |
| Henrys Lake                   | July 22 | 86,800       |
| Island Park                   | July 7  | 133,830      |
| Grassy Lake                   | July 16 | 15,010       |
| Indian and Bergman Res. yield |         | 672          |
| Sheridan Creek right          |         | 1,785*       |
| Gain Neeley to Milner         |         | 105,170      |
| American Falls Gain           |         | <u>2,770</u> |
| Total                         |         | 4,281,927    |

\*Special natural flow rights considered as storage for convenience in tabulation.

Supply and Disposal of stored water, 1968 - continued

Disposal

|                                                           |          |           |
|-----------------------------------------------------------|----------|-----------|
| Credit to American Falls storage rights (Aug. 19-Sept. 1) |          | 133,684   |
| Used by Snake River rights                                |          | 1,354,816 |
| Used by Henrys Fork rights                                |          | 80,448    |
| Storage transmission loss, Snake River                    |          | 24,446    |
| Storage transmission loss, Henrys Fork                    |          | 1,728     |
| Storage transmission loss, Cross Cut                      |          | 3,620     |
| River operation storage waste past Milner                 |          | 5,800     |
| Henrys Lake loss                                          |          | 526       |
| Holdovers: Jackson                                        | Sept. 23 | 596,200   |
| Palisades (usable)                                        | Sept. 24 | 1,091,000 |
| American Falls                                            | Sept. 27 | 765,000   |
| Lake Walcott                                              | Sept. 27 | 93,440    |
| Henrys Lake                                               | Sept. 22 | 77,100    |
| Island Park                                               | Sept. 24 | 89,160    |
| Grassy Lake                                               | Sept. 26 | 9,150     |
| Total                                                     |          | 4,326,118 |

There is a difference of 44,191 acre-feet with more water accounted for than that shown in the supply.

The credit to American Falls for the August to September period was computed as the difference in the normal flow at Neeley computed from Blackfoot normal plus computed inflow and the Neeley normal as shown on Plate 13 required to fill downstream rights. It is possible that this figure should be adjusted downward because of being partly included in Gain Neeley to Milner. This would more nearly balance the above Supply and Disposal data. With the large reservoir holdovers and expected spills during coming winter, no purpose would be served by more detailed computations.

Michaud Project use of stored water

The annual reports since 1958 have contained a detailed analysis of the water used on the Michaud Project by the Falls Irrigation District. Tabulated below is a summary of this data for the past five years.



Area No. 1 (Tributary to American Falls)  
(figures in acre-feet)

| Year | <u>(from Wells)</u> |               |                 | <u>(From Am.Falls Res.)</u> |              |                 | <u>Contr. to<br/>Gr.Water</u> |       |
|------|---------------------|---------------|-----------------|-----------------------------|--------------|-----------------|-------------------------------|-------|
|      | <u>Acres</u>        | <u>Pumped</u> | <u>Consumed</u> | <u>Acres</u>                | <u>Del'd</u> | <u>Consumed</u> | <u>Excess</u>                 |       |
| 1964 | 2,774               | 5,439         | 5,000           | 4,455                       | 15,040       | 8,020           | 7,020                         | 2,020 |
| 1965 | 2,774               | 4,550         | 5,000           | 4,455                       | 16,830       | 8,020           | 8,810                         | 3,810 |
| 1966 | *2,984              | 6,072         | 5,370           | **4,909                     | 18,228       | 8,840           | 10,090                        | 4,018 |
| 1967 | *2,972              | 5,382         | 5,350           | **4,915                     | 15,841       | 8,490           | 7,351                         | 2,001 |
| 1968 | †2,968              | 4,441         | 5,350           | ‡ 5,105                     | 14,355       | 9,200           | 5,155                         | -195  |

\* Project land 2,774      † Project land 2,759

\*\* Project land 4,455      ‡ Project land 4,564

Area No. 2 (Tributary below American Falls)

| Year | <u>(from Wells)</u> |               |                 | <u>(From Am. Falls Res.)</u> |              |                 | <u>Contr.to<br/>Gr.Water</u> |       |
|------|---------------------|---------------|-----------------|------------------------------|--------------|-----------------|------------------------------|-------|
|      | <u>Acres</u>        | <u>Pumped</u> | <u>Consumed</u> | <u>Acres</u>                 | <u>Del'd</u> | <u>Consumed</u> | <u>Excess</u>                |       |
| 1964 | 884                 | 2,123         | 1,600           | 1,613                        | 5,284        | 2,900           | 2,384                        | 784   |
| 1965 | 884                 | 1,818         | 1,600           | 1,613                        | 5,829        | 2,900           | 2,929                        | 1,329 |
| 1966 | 884                 | 3,064         | 1,600           | *1,794                       | 6,292        | 3,230           | 4,526                        | 1,462 |
| 1967 | 884                 | 1,870         | 1,600           | *1,806                       | 5,903        | 3,250           | 2,653                        | 1,053 |
| 1968 | 778                 | 2,124         | 1,400           | †2,106                       | 5,973        | 3,790           | 2,183                        | 783   |

\* Project land 1,613      † Project land 1,623

The above data is computed assuming a consumptive use of 1.8 acre feet per acre. Deliveries to East Branch Canal are reduced by 4% for estimated canal loss in the 1½ miles which is non-tributary to American Falls Reservoir. No account is taken of this 4% loss in the contribution to ground water in Area 2.

In the tabulations in this report the Falls Irrigation District was charged only with the water pumped from American Falls Reservoir.

#### GROUND WATER PUMPING

An additional credit to American Falls reservoir is water now pumped from wells by the City of Pocatello, Westvaco Company, J. R. Simplot, and Fort Hall Michaud Project. Palisades contracts for Westvaco and Simplot provide that storage charges be made on one-half of water pumped. The City of Pocatello (including Alameda) is permitted to pump 10,000 acre-feet each season before there is any charge. In the case of the Fort Hall Michaud Project 22,400 acre-feet of pumping from wells is permitted before there is a charge against their reservoir storage. Records for previous years have shown the above diversions have been quite uniform with a total of about 10,000 acre-feet. No records requested for this report.

#### RIVER LOSSES AND GAINS

Gains and losses between river stations for the months May through September (using time intervals shown on Plate 13) are shown in the following tabulations:

Gain in Snake River, Moran to Alpine gaging station, 1968  
(Alpine dates and 24-hr cfs, except as noted)

| <u>Station</u>  | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Total</u> |
|-----------------|------------|-------------|-------------|-------------|--------------|--------------|
| Moran           | 42,217     | 106,900     | 84,800      | 100,530     | 74,643       | 409,090      |
| Snake-Alpine    | 179,990    | 426,400     | 248,080     | 196,920     | 142,800      | 1,194,190    |
| Total gain cfs  | 137,773    | 319,500     | 163,280     | 96,390      | 68,157       | 785,100      |
| Mean gain cfs   | 4,444      | 10,650      | 5,267       | 3,106       | 2,272        | 5,131        |
| Total gain a.f. | 273,300    | 633,700     | 323,900     | 191,200     | 135,200      | 1,557,300    |

The mean gain is less than in 1967. The gain for May through July was less than in 1967. That for August and September was much greater.

Gain in Snake River, Alpine gaging station to State Line, 1968  
(24-hr cfs, except as noted)

| <u>Station</u>  | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Total</u> |
|-----------------|------------|-------------|-------------|-------------|--------------|--------------|
| Greys River     | 48,170     | 68,920      | 26,555      | 14,299      | 10,992       | 168,936      |
| Salt River      | 42,680     | 35,989      | 20,636      | 23,212      | 21,261       | 143,778      |
| Total gain cfs  | 90,850     | 104,909     | 47,191      | 37,511      | 32,253       | 312,714      |
| Mean gain cfs   | 2,931      | 3,497       | 1,522       | 1,210       | 1,075        | 2,044        |
| Total gain a.f. | 180,200    | 208,100     | 93,600      | 74,400      | 63,970       | 620,270      |

All monthly gains are less than in 1967 except that for August which is slightly greater.

Gain in Snake River, State Line to Heise, 1968

| <u>Station</u>    | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Total</u> |
|-------------------|------------|-------------|-------------|-------------|--------------|--------------|
| Palisades release | 61,510     | -141,170    | 53,950      | -3,030      | -7,560       | -36,300      |
| Total supply *    | 332,350    | 390,139     | 349,221     | 231,401     | 167,493      | 1,470,604    |
| Heise             | 399,700    | 469,600     | 393,100     | 264,830     | 191,030      | 1,718,260    |
| Riley             | 326        | 407         | 857         | 390         | 168          | 2,148        |
| Total acct for    | 400,026    | 470,007     | 393,957     | 265,220     | 191,198      | 1,720,408    |
| Total gain cfs    | 67,676     | 79,868      | 44,736      | 33,819      | 23,705       | 249,804      |
| Mean gain cfs     | 2,183      | 2,662       | 1,443       | 1,091       | 790          | 1,633        |
| Total gain a.f.   | 134,200    | 158,400     | 88,730      | 67,080      | 47,020       | 495,430      |

\* Sum of Snake near Alpine, Greys and Salt River plus Palisades release.

The gain for May thru July is about the same as in 1967. That for August and September is greater.

Gain in Snake River, Heise to Shelley, 1968  
(Heise dates and 24 hr cfs, except as noted)

| <u>Station</u>  | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | <u>Sept.</u> | <u>Total</u> |
|-----------------|------------|-------------|-------------|---------------|--------------|--------------|
| Rexburg         | 78,950     | 157,550     | 41,492      | 70,530        | 44,600       | 393,122      |
| Total supply**  | 478,976    | 627,557     | 435,449     | 335,750       | 235,798      | 2,113,530    |
| Diversions      | 172,620    | 256,610     | 318,070     | 198,260       | 189,650      | 1,135,210    |
| Shelley         | 324,110    | 402,770     | 154,770     | 191,930       | 88,440       | 1,162,020    |
| Total acct for  | 496,730    | 659,380     | 472,840     | 390,190       | 278,090      | 2,297,230    |
| Total gain cfs  | 17,754     | 31,823      | 37,391      | 54,440        | 42,292       | 183,700      |
| Mean gain cfs   | 573        | 1,027       | 1,206       | 1,756         | 1,410        | 1,201        |
| Total gain a.f. | 35,210     | 63,120      | 74,160      | 108,000       | 83,880       | 364,370      |

\*\* Rexburg plus Heise and Riley from previous table.

The mean gain was 1,201 cfs compared to 1,382 in 1967. This gain includes inflow from Market Lake Springs which is credited to Owners Mutual Canal Co.

Gain or loss in Snake River, Shelley to Blackfoot, 1968  
(Shelley dates and 24-hr cfs, except as noted)

| Station         | May     | June    | July    | Aug.    | Sept.   | Total     |
|-----------------|---------|---------|---------|---------|---------|-----------|
| Shelley         | 323,880 | 402,940 | 155,070 | 192,430 | 88,610  | 1,162,930 |
| Blackfoot River | 6,890   | 5,866   | 1,643   | 10,101  | 5,378   | 29,878    |
| Total Supply    | 330,770 | 408,806 | 156,713 | 202,531 | 93,988  | 1,192,808 |
| Diversions      | 100,330 | 106,420 | 121,260 | 71,200  | 58,600  | 457,810   |
| Blackfoot       | 239,060 | 317,990 | 45,267  | 143,700 | 57,036  | 803,053   |
| Total acct. for | 339,390 | 424,410 | 166,527 | 214,900 | 115,636 | 1,260,863 |
| Total diff cfs  | 8,620   | 15,604  | 9,814   | 12,369  | 21,648  | 68,055    |
| Mean diff cfs   | 278     | 520     | 317     | 399     | 722     | 445       |
| Total diff a.f. | 17,100  | 30,950  | 19,470  | 24,530  | 42,940  | 134,990   |

A gain is shown for each month instead of the usual losses in May and June. The average gain was 445 cfs compared to the 498 in 1947 which was the greatest of record. This gain includes 180 cfs inflow above the Blackfoot gage.

Gain or loss in Snake River, Blackfoot to Neeley, 1968  
(Neeley dates and 24-hr cfs, except as noted)

| Station         | May     | June    | July    | Aug.    | Sept.   | Total     |
|-----------------|---------|---------|---------|---------|---------|-----------|
| Blackfoot       | 241,930 | 317,790 | 40,447  | 146,500 | 53,446  | 800,113   |
| Inflow*         | 98,589  | 86,253  | 77,847  | 89,240  | 85,373  | 437,302   |
| Res. draft      | 31,200  | -17,100 | 296,450 | 47,390  | 102,850 | 460,790   |
| Total Supply    | 371,719 | 386,943 | 414,744 | 283,130 | 241,669 | 1,698,205 |
| Diversions      | 1,450   | 2,454   | 3,655   | 1,255   | 1,155   | 9,969     |
| Neeley          | 343,200 | 385,000 | 414,800 | 281,600 | 241,800 | 1,666,400 |
| Total use       | 344,650 | 387,454 | 418,455 | 282,855 | 242,955 | 1,676,369 |
| Total diff cfs  | -27,069 | 511     | 3,711   | -275    | 1,286   | -21,836   |
| Mean diff cfs   | -873    | 17      | 120     | -89     | 43      | -143      |
| Total diff a.f. | -53,690 | 1,010   | 7,360   | -545    | 2,550   | -43,315   |

The average loss of 143 cfs is less than usual but greater than the 32 cfs in 1967. The gain in July is unusual. It is partly caused by return flow from bank storage with the rapid drawdown in American Falls reservoir. A loss of 2,770 acre-feet for the period

of storage deliveries was used in computing the disposal of stored water.

\* A tabulation of inflow data is shown on Plate 11. Ten sets of measurements were obtained during the period and figures interpolated between measurements. Portneuf River inflow was depleted by pumping for Indian Service Michaud Canal. Amount pumped each day is shown at bottom of Plate 11. Monthly totals in above table are actual inflow. Inflow figures shown on Plates 12 and 13 are theoretical inflow computed by adding pump diversion figures to actual inflow. These are shown on last line of Plate 11. The above computations fulfill requirements of Section 8 (b) of Fort Hall Michaud Division - Palisades contract. Daily figures of waste from the Aberdeen Project were furnished by Mr. Jake Isaak, Manager. Unmeasured inflow as computed from the "Newell" formula, varied from 1,290 to 1,320 cfs.

The following measurements of the flow of Ruegar Springs were obtained:

| <u>Date</u>  | <u>Discharge in cfs</u> |
|--------------|-------------------------|
| May 18, 1968 | 21.0                    |
| May 30       | 26.0                    |
| June 11      | 26.7                    |
| June 26      | 23.1                    |
| July 25      | 21.7                    |
| July 31      | 20.5                    |
| August 20    | 24.5                    |
| September 2  | 24.5                    |

Gain or Loss in Snake River, Neeley to Minidoka, 1968  
(Minidoka dates and 24-hr cfs, except as noted)

| <u>Station</u>  | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Totals</u> |
|-----------------|------------|-------------|-------------|-------------|--------------|---------------|
| Neeley          | 342,900    | 384,600     | 414,700     | 283,800     | 241,800      | 1,667,800     |
| Walcott release | -1,200     | -1,100      | +100        | -800        | +1,000       | -2,000        |
| Total supply    | 341,700    | 383,500     | 414,800     | 283,000     | 242,800      | 1,665,800     |
| No. Minidoka    | 48,130     | 39,229      | 56,050      | 27,901      | 27,296       | 198,606       |
| So. Minidoka    | 37,150     | 34,569      | 44,240      | 23,040      | 21,697       | 160,696       |
| Minidoka        | 258,850    | 292,720     | 306,910     | 236,550     | 193,190      | 1,288,220     |
| Total acct for  | 344,130    | 366,518     | 407,200     | 287,491     | 242,183      | 1,647,522     |
| Total diff cfs  | 2,430      | -16,982     | -7,600      | 4,491       | -617         | -18,278       |
| Mean diff cfs   | 78         | -566        | -245        | 144         | -20          | -119          |
| Total diff a.f. | 4,820      | -33,680     | -15,070     | 8,910       | -1,220       | -36,240       |

The average loss of 119 cfs compares to a loss of 195 cfs in 1967.



Gain in Snake River, Minidoka to Milner, 1968  
(Milner dates and 24-hr cfs, except as noted)

| <u>Station</u>     | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Total</u> |
|--------------------|------------|-------------|-------------|-------------|--------------|--------------|
| Minidoka           | 258,460    | 292,280     | 307,140     | 238,320     | 193,270      | 1,289,470    |
| Min. N.S.Pump      | 1,875      | 1,840       | 2,221       | 1,587       | 1,568        | 9,091        |
| P.A.               | 4,596      | 4,982       | 7,500       | 3,464       | 2,486        | 23,028       |
| Milner Low Lift    | 7,407      | 5,876       | 8,567       | 4,150       | 3,364        | 29,364       |
| Gooding            | 71,670     | 71,940      | 80,330      | 71,360      | 65,520       | 360,820      |
| North Side         | 73,143     | 78,590      | 93,720      | 71,270      | 52,580       | 369,303      |
| Twin Falls         | 110,640    | 102,650     | 120,300     | 97,240      | 78,970       | 509,800      |
| Lake Milner stored | 150        | 280         | 430         | -170        | -1,060       | 370          |
| Milner             | 2,285      | 37,945      | 7,990       | 6,075       | 10,984       | 65,279       |
| Total acct for     | 271,766    | 304,103     | 321,058     | 254,976     | 214,412      | 1,366,315    |
| Total gain cfs     | 13,306     | 11,823      | 13,918      | 16,656      | 21,142       | 76,845       |
| Mean gain cfs      | 430        | 394         | 450         | 538         | 705          | 502          |
| Total gain a.f.    | 26,390     | 23,450      | 27,610      | 33,040      | 41,930       | 152,420      |

The average gain of 502 cfs compared with 396 in 1967 and 434 in 1966.

The total gain from Neeley to Milner for period May through September was 116,180 acre-feet. For the period June 25 through September 26 this gain was about 105,170 acre-feet. The Minidoka Project was credited with 60,000 acre-feet of gain which occurred during periods when this project was drawing storage.



#### DISTRIBUTION ON HENRYS FORK

Mr. L. C. Anderson served as Deputy Watermaster at St. Anthony in charge of water distribution on Henrys Fork, Falls River and lower Teton River. He was assisted by S. B. Garrett on Henrys Fork and Falls River, and Val L. Richards on Teton River.

Holdovers in Henrys Fork reservoirs at the end of the season were about 80% of capacity.

Releases from Henrys Lake were discontinued on September 8. Those from Grassy Lake were cut off on August 15, and from Island Park Reservoir on August 19.

The usual methods described in previous reports of segregating stored water and normal flow at the outlets of Henrys Lake and Island Park reservoirs were continued in 1968. During the period July 11-20 stored water was charged a daily loss of 30 cfs. During period August 1-10 stored releases were credited with a like amount. This adjustment has been used in past years and presumably corrects the observed normal flow to pre-reservoir conditions. When Island Park Reservoir is full there is a loss to ground water which is later recovered when the reservoir level drops. By making the above adjustment, normal flow is more nearly distributed to the rights that would be in effect if Island Park reservoir were not in the river system.

#### 1968 REGULATION SCHEDULE

Teton River remained on the same regulation schedule as the main Snake River. Henrys Fork and Falls River were cut to earlier priorities July 12-23.

Figures showing the operation of the Cross Cut Canal in 1968 are shown on Plate 23A. It delivered 14,000 acre-feet to the Fall River Canal and 14,050 acre-feet to Teton River. This delivery was mostly as a matter of convenience and more water was being spilled back to the Henrys Fork than was being delivered to the Teton River throughout the season. The percentage loss for the season was 25.7%. This percentage is high because of the small flow in the Cross Cut. No account was taken of the Cross Cut loss in making storage allotments to Teton Canals.

Mr. A. L. Larson made one trip to the Island Park area during the season to regulate and measure. The following miscellaneous measurements were made while regulating water in this area:

August 7, 1968

|                                          |        |
|------------------------------------------|--------|
| Icehouse Creek at highway 22             | 10 cfs |
| Hotel Creek at highway 22                | 10     |
| Sheep Creek at Highway 22                | 1      |
| Sheridan Creek at highway 22 - Gage 0.98 | 12.2   |
| Sheridan Creek at Forest road            | 33.4   |
| Grubb Diversion                          | 1      |

August 8

|                                    |         |
|------------------------------------|---------|
| Howard Creek at highway            | 8.7 cfs |
| Targhee Creek at highway           | 10      |
| Duck Creek at highway              | 4       |
| Rock Creek above Magelby diversion | 3       |
| Magelby pipeline                   | 2       |
| Duck Creek into Henrys Lake        | 2.5     |

Occasional measurements of Big Springs near Island Park were tabulated on page 33 of the 1965 report. Recent measurements are tabulated below:

| <u>Date</u>        | <u>Discharge in cfs</u> |
|--------------------|-------------------------|
| September 14, 1964 | 184                     |
| August 5, 1965     | 202                     |
| November 8, 1965   | 194                     |
| September 15, 1967 | 183                     |
| September 5, 1968  | 182                     |

#### CANAL DELIVERIES IN HENRYS FORK BASIN

Diversions during the 1968 irrigation season, May  
to September, from Falls River, Henrys Fork and Lower Teton River

|                           | Diversions  | Area                 | Acre-feet |
|---------------------------|-------------|----------------------|-----------|
|                           | (acre-feet) | Irrigated<br>(acres) | per acre  |
| <u>Falls River Canals</u> |             |                      |           |
| ✓ Yellowstone             | 890         | 2,100                | 0.9       |
| ✓ Marysville              | 21,960      | 15,000               | 1.5       |
| ✓ Farmers Own             | 14,950      | 4,800                | 3.1       |
| ✓ Almy                    | 120         | 130                  | 0.9       |
| ✓ Enterprise              | 24,350      | 5,890                | 4.1       |
| ✓ Bell                    | 1,260       | 110                  | 11.4      |
| ✓ Fall River              | 79,010 (a)  | 9,000                | 8.8       |
| ✓ McBee                   | 240         | 125                  | 1.9       |
| ✓ Chester                 | 13,020      | 1,400                | 9.3       |
| ✓ Silkey                  | 5,240       | 1,080                | 4.8       |
| ✓ Curr                    | 11,470      | 1,300                | 8.8       |
| Total Falls River         | 173,510     | 40,485               | 4.3       |

(a) Includes 14,000 diverted through Cross Cut.

|                           |         |        |      |
|---------------------------|---------|--------|------|
| <u>Henrys Fork canals</u> |         |        |      |
| ✓ Dewey                   | 5,710   | 1,200  | 4.8  |
| ✓ Last Chance             | 28,840  | 1,860  | 15.5 |
| ✓ St. Anthony Union       | 125,200 | 9,700  | 12.9 |
| ✓ Farmers Friend          | 25,630  | 3,025  | 8.5  |
| ✓ Twin Groves             | 29,450  | 2,500  | 11.8 |
| ✓ Salem Union             | 53,030  | 5,500  | 9.7  |
| ✓ Egin                    | 77,100  | 7,000  | 11.0 |
| ✓ St. Anthony U. Feeder   | 17,860  | 2,300  | 7.8  |
| ✓ Independent             | 73,450  | 6,000  | 12.2 |
| ✓ Consolidated Farmers    | 57,230  | 6,000  | 9.6  |
| Total Henrys Fork         | 493,500 | 45,085 | 10.9 |

|                           |        |       |      |
|---------------------------|--------|-------|------|
| <u>Lower Teton Canals</u> |        |       |      |
| ✓ Siddoway                | 2,790  | 500   | 5.6  |
| ✓ Wilford                 | 31,870 | 2,300 | 13.8 |
| ✓ Teton Irrigation        | 23,710 | 2,000 | 11.9 |
| ✓ Good Luck               | 3,530  | 330   | 10.7 |
| ✓ Pioneer                 | 2,370  | 300   | 7.9  |

Diversions during 1968, irrigation season

| Canal                                                | Diversions<br>(acre-feet) | Area<br>Irrigated<br>(acres) | Acre-feet<br>per acre |
|------------------------------------------------------|---------------------------|------------------------------|-----------------------|
| <u>Lower Teton Canals - continued</u>                |                           |                              |                       |
| Stewart                                              | 4,690                     | 478                          | 9.8                   |
| Pincock-Byington                                     | 4,440                     | 260                          | 17.1                  |
| Pincock-Garner                                       | 4,610                     | 480                          | 9.6                   |
| Teton Island Feeder                                  | 104,500                   | 10,400                       | 10.0                  |
| Roxana                                               | 3,900                     | 880                          | 4.4                   |
| Island Ward                                          | 10,210                    | 3,300                        | 3.1                   |
| North Salem                                          | 2,520 (b)                 | 450                          | 5.6                   |
| Bigler Slough                                        | 1,560                     | 160                          | 9.8                   |
| Woodmansee-Johnson                                   | 3,700 (c)                 | 1,320                        | 2.8                   |
| City of Rexburg                                      | 4,180                     | 950                          | 4.4                   |
| Rexburg Irrigation                                   | 64,090                    | 5,280                        | 12.1                  |
| McCormick-Rowe                                       | 230                       | 160                          | 1.4                   |
| Saurey Sommers                                       | 6,830                     | 275                          | 24.8                  |
| Gardner                                              | 70                        | 200                          | 0.4                   |
| Eames Thompson                                       | 120                       | 70                           | 1.7                   |
| Total Lower Teton                                    | 279,920                   | 30,093                       | 9.3                   |
| Total Falls River,<br>Henrys Fork and<br>Lower Teton | 946,930                   | 116,113                      | 8.2                   |

(b) Used additional water from Henrys Fork thru Salem Union

(c) Used additional water from Moody Creek and Teton Irrigation

The diversions in this area were less than in 1967.

Of the total diversions of 946,930 acre-feet, 80,450 acre-feet or 8.5% was stored water.

Diversions by some of the principal canals in the headwater areas for the 1968 irrigation season (May 15 to Sept. 30) are shown below:

| Canal                  | Diversions<br>(acre-feet) | Area<br>Irrigated<br>(acres) | Acre-feet<br>per acre |
|------------------------|---------------------------|------------------------------|-----------------------|
| String Canal           | 14,500                    | 2,300                        | 6.3                   |
| Trail Creek Irr. Co.   | 32,800                    | 5,220                        | 6.3                   |
| Fox Creek Canals       | 11,700                    | 3,760                        | 3.1                   |
| Darby Creek Canals     | 17,300                    | 4,800                        | 3.6                   |
| Grand Teton Canal      | 33,700                    | 7,000                        | 4.8                   |
| ✓ Canyon Creek Canal   | 4,240                     | 2,200                        | 1.9                   |
| ✓ Conant Creek Canal   | 2,320                     | 1,040                        | 2.2                   |
| ✓ Squirrel Creek Canal | 1,200                     | 540                          | 2.2                   |
| Boom Creek Canal       | 810                       | 130                          | 6.2                   |

Diversions were a little less than in 1967.

#### STORED WATER DELIVERIES ON HENRYS FORK

Water available for Fremont-Madison allotments was as follows:

|                       |           |              |
|-----------------------|-----------|--------------|
| Island Park Reservoir | (July 7)  | 133,830 a.f. |
| Grassy Lake Reservoir | (July 16) | 15,010       |
| Sheridan Creek right  |           | <u>1,785</u> |
| Total                 |           | 150,625 a.f. |

The District allotted 133,181 acre-feet for the 1968 season.

In addition, 491 acre-feet was rented to Henrys Fork users.

#### Henrys Lake Allotments, 1968

Henrys Lake contents on July 22 was 86,320 acre-feet. The usable contents at gage height of 16.0 feet is 85,760 acre-feet. From this, a figure of 3,000 acre-feet was deducted for dead storage and loss.

| <u>Canal</u>         | <u>Allotments</u> |                                |           |
|----------------------|-------------------|--------------------------------|-----------|
|                      | <u>Percent</u>    | <u>Allotment<br/>acre-feet</u> |           |
| Independent          | 26.90             | 22,262                         | 3.72      |
| Salem Union          | 24.21             | 20,036                         | 3.65      |
| Consolidated Farmers | 20.17             | 16,693                         | 2.78      |
| Last Chance          | 13.85             | 11,462                         | 6.18      |
| St. Anthony Union    | 6.72              | 5,562                          | 0.58      |
| Egin                 | 6.72              | 5,562                          | 0.795     |
| Dewey                | <u>1.43</u>       | <u>1,183</u>                   | 0.955     |
|                      | 100.00            | 82,760                         | 36,260.00 |

It was apparent early in the summer that all Snake River reservoirs would end the season with large holdovers. The Henrys Fork reservoirs were therefore allowed to retain more holdover than would have been the case had storage been in short supply. No computations were made of the segregation of Henrys Lake and Fremont-Madison storage.

#### RIVER GAINS IN HENRYS FORK BASIN, 1968

The following time intervals have been used in preparing the tabulations by river sections:

|                        |         |
|------------------------|---------|
| Lake to Island Park    | 20 hrs. |
| Island Park to Ashton  | 19 hrs. |
| Ashton to St. Anthony  | 5 hrs.  |
| St. Anthony to Rexburg | 12 hrs. |
| Squirrel to Chester    | 8 hrs.  |



Gain in Henrys Fork, Lake to Island Park, 1968  
(Island Park dates and 24-hr cfs, except as noted)

| Station         | May    | June   | July   | Aug.   | Sept.  | Total   |
|-----------------|--------|--------|--------|--------|--------|---------|
| Lake            | 2,620  | 4,448  | 2,984  | 5,208  | 1,908  | 17,168  |
| I. P. release   | -940   | 770    | 17,000 | 7,540  | -2,320 | 22,050  |
| Total supply    | 1,680  | 5,218  | 19,984 | 12,748 | -412   | 39,218  |
| Island Park     | 31,050 | 27,180 | 34,801 | 30,636 | 14,855 | 138,522 |
| Total gain cfs  | 29,370 | 21,962 | 14,817 | 17,838 | 15,267 | 99,304  |
| Mean gain cfs   | 947    | 732    | 478    | 577    | 509    | 649     |
| Total gain a.f. | 58,250 | 43,560 | 29,390 | 35,480 | 30,280 | 196,960 |

Except for August, all gains are less than in 1967.

Gain in Henrys Fork, Island Park to Ashton, 1968  
(Ashton dates and 24-hr cfs, except as noted)

| Station         | May    | June   | July   | Aug.   | Sept   | Total   |
|-----------------|--------|--------|--------|--------|--------|---------|
| Island Park     | 30,863 | 27,350 | 34,039 | 31,546 | 14,835 | 138,633 |
| Ashton          | 79,340 | 66,450 | 61,070 | 60,960 | 38,200 | 306,020 |
| Total gain cfs  | 48,477 | 39,100 | 27,031 | 29,414 | 23,365 | 167,387 |
| Mean gain cfs   | 1,564  | 1,303  | 872    | 949    | 779    | 1,094   |
| Total gain a.f. | 96,150 | 77,550 | 53,620 | 58,340 | 46,340 | 332,000 |

The gain in September is slightly greater than last year. For all other months it is less than in 1967. This gain and many other computed river gains showed a marked increase following the heavy August rains.

Gain in Henrys Fork, Ashton to St. Anthony, 1968  
(St. Anthony dates and 24-hr cfs, except as noted)

| Station         | May     | June    | July   | Aug.   | Sept.  | Total   |
|-----------------|---------|---------|--------|--------|--------|---------|
| Ashton          | 79,260  | 66,570  | 60,620 | 61,220 | 38,200 | 305,870 |
| Chester         | 48,336  | 82,410  | 7,504  | 10,942 | 8,973  | 158,165 |
| Total supply    | 127,596 | 148,980 | 68,124 | 72,162 | 47,173 | 464,035 |
| Diversions      | 37,506  | 33,223  | 37,779 | 23,053 | 19,442 | 151,003 |
| St. Anthony     | 85,680  | 118,680 | 33,922 | 48,870 | 32,554 | 319,706 |
| Total acct. for | 123,186 | 151,903 | 71,701 | 71,923 | 51,996 | 470,709 |
| Total gain cfs  | -4,410  | 2,923   | 3,577  | -239   | 4,823  | 6,674   |
| Mean gain cfs   | -142    | 97      | 115    | -8     | 161    | 44      |
| Total gain a.f. | -8,750  | 5,800   | 7,090  | -470   | 9,570  | 13,240  |

The average gain is 44 cfs compared to 96 cfs in 1967 and 69 cfs in 1966.

Gain in Falls River, Squirrel to Chester, 1968  
(Chester dates and 24-hr cfs, except as noted)

| Station         | May    | June   | July   | Aug.   | Sept.  | Total   |
|-----------------|--------|--------|--------|--------|--------|---------|
| Squirrel        | 48,651 | 86,343 | 23,493 | 20,630 | 15,666 | 194,783 |
| Diversions      | 11,500 | 14,909 | 18,248 | 14,070 | 9,670  | 68,397  |
| Chester         | 48,336 | 82,410 | 7,504  | 10,942 | 8,973  | 158,165 |
| Total acct for  | 59,836 | 97,319 | 25,752 | 25,012 | 18,643 | 226,562 |
| Total gain cfs  | 11,185 | 10,976 | 2,259  | 4,382  | 2,977  | 31,779  |
| Mean gain cfs   | 360    | 366    | 73     | 141    | 99     | 208     |
| Total gain a.f. | 22,190 | 21,770 | 4,480  | 8,690  | 5,900  | 63,030  |

The average gain was 208 cfs. compared to 243 in 1967.

Gain in Henrys Fork and Teton River, St. Anthony to Rexburg, 1968  
(St. Anthony dates and 24-hr cfs, except as noted)

| Station          | May     | June    | July    | Aug.    | Sept.  | Total   |
|------------------|---------|---------|---------|---------|--------|---------|
| Teton River      | 40,513  | 82,010  | 42,647  | 32,053  | 22,034 | 219,257 |
| Henrys Fork      | 85,680  | 118,680 | 33,922  | 48,870  | 32,554 | 319,706 |
| Total supply     | 126,193 | 200,690 | 76,569  | 80,923  | 54,588 | 538,963 |
| H.Fk. diversions | 30,539  | 24,018  | 26,129  | 17,702  | 15,369 | 113,757 |
| Teton diversions | 27,093  | 37,460  | 36,660  | 22,426  | 16,704 | 140,343 |
| Rexburg          | 80,550  | 157,500 | 40,572  | 70,790  | 44,500 | 393,912 |
| Total acct for   | 138,182 | 218,978 | 103,361 | 110,918 | 76,573 | 648,012 |
| Total gain cfs   | 11,989  | 18,288  | 26,792  | 29,995  | 21,985 | 109,049 |
| Mean gain cfs    | 387     | 610     | 863     | 968     | 733    | 714     |
| Total gain a.f.  | 23,780  | 36,270  | 53,140  | 59,490  | 43,610 | 216,290 |

The gain was greater for each month than that in 1967. This gain is produced mostly from return flow from upstream irrigation. The 216,290 acre-feet is 22.9% of the 946,930 acre-feet diverted by canals above Rexburg. This percentage was 18½% in 1966 and 1967. Much additional return flow moves westward towards Mud Lake and there is further drain-off to the Henrys Fork during the non-irrigation season.

### TETON BASIN

Mr. Arthur Wilson, with summer office at Driggs, continued as Deputy Watermaster in Teton Basin during 1968.

The water content of snow on April 1 on the Teton watershed was 97% of normal. April to September precipitation at Driggs was 10.79" compared to the normal of 8.08". The yearly runoff of Teton River near St. Anthony was 116% of the 35 year average.

Seasonal diversions for most canals in this area were a little less than in 1967.

Again this year, canal diversions were started early and water spread to build up the groundwater table. This practice seems to result in a greater sustained flow of the Teton River later in the season. This early water spreading may result in undesirable high sub in the low areas along the river in some years.

The discharge of various streams and canals and storage used in Teton Basin through exchange for natural flow is shown on Plates 23 and 24. Again this year, water formerly diverted by South Fox Canal was diverted by a pipeline from the North Canal and is included in figures for North Canal above pipeline on Plate 24.

Water distribution on Teton Creek between Wyoming and Idaho users was on the basis of the 1940 Wyoming Federal Court decree. Stored water diversions by Teton Basin users, through exchange for natural flow belonging to prior downstream rights, was on the basis of diverting 1.625 times the amount of replacement storage delivered to lower Teton River at the St. Anthony gaging station, in accordance with an agreement reached by upper and lower users on Teton River in 1949.

Canals in Teton Basin did not use all of their storage allotments. Very little water was rented from sources outside the Basin.

There has been an increase in the use of sprinklers in recent years in Teton Basin. Plans are in progress for the conversion of a large part of the String Canal system to sprinklers.

Mr. Seth Hansen of Tetonia served as special deputy on the Leigh and Spring Creeks on an hourly basis for time actually spent. Considerable time is required to keep the headgates on these creeks regulated and it is impossible for one man to look after the other streams in Teton Basin and still give the necessary attention to the streams in the vicinity of Tetonia. One-half of the cost of Mr. Hansen's services, amounting to \$449.28, was charged as a special item to the local users and a similar amount was charged as general District 36 expense.

Mr. Wilson had to return at the end of August to his position as teacher in the Rexburg High School, but continued to look after water matters in the Basin during several weekends thereafter.

#### SWAN VALLEY

Leslie D. Poole served as Deputy Watermaster and also as watermaster on several canals. The local users were charged \$5.00 a day or \$460.00 total, as a special charge and the balance of the cost of watermaster's services, amounting to \$824.51, was charged as general expense to District 36.

There was little demand for stored water by individuals not owning space in Palisades Reservoir. Swan Valley users rented 100 acre-feet from Water District 36 during 1968.

# CLIMATOLOGICAL DATA

(precipitation in inches for year ending September 30, 1968)

| Month | <u>Alta</u> |       | <u>Moran</u> |       | <u>Jackson</u> |       | <u>Bedford</u> |       | <u>Palisades</u> |       |
|-------|-------------|-------|--------------|-------|----------------|-------|----------------|-------|------------------|-------|
|       | Act.        | Nor.  | Act.         | Nor.  | Act.           | Nor.  | Act.           | Nor.  | Act.             | Nor.* |
| Oct.  | 3.90        | 1.48  | 3.24         | 1.45  | 1.58           | 1.11  | 2.20           | 1.53  | 2.62             | 1.19  |
| Nov.  | 1.86        | 1.41  | 1.82         | 1.88  | 1.74           | 1.11  | 1.44           | 1.52  | 1.25             | 1.70  |
| Dec.  | 2.34        | 1.51  | 2.24         | 2.36  | 1.29           | 1.54  | 1.54           | 1.59  | 1.64             | 2.19  |
| Jan.  | 1.89        | 1.60  | 2.79         | 2.35  | 1.30           | 1.43  | 0.78           | 1.53  | 0.99             | 1.82  |
| Feb.  | 2.96        | 1.48  | 2.46         | 2.28  | 0.83           | 1.32  | 1.62           | 1.51  | 2.85             | 1.88  |
| Mar.  | 1.16        | 1.51  | 1.45         | 2.08  | 1.19           | 1.20  | 1.43           | 1.55  | 1.11             | 1.63  |
| Apr.  | 1.34        | 1.48  | 1.51         | 1.73  | 1.13           | 1.20  | 1.27           | 1.52  | 0.79             | 1.57  |
| May   | 3.44        | 2.04  | 2.29         | 1.85  | 1.92           | 1.50  | 1.95           | 1.95  | 2.89             | 1.98  |
| June  | 3.77        | 2.29  | 2.46         | 1.77  | 2.15           | 1.51  | 2.30           | 1.96  | 3.44             | 2.23  |
| July  | 0.47        | 0.94  | 0.94         | 0.97  | 0.36           | 0.75  | 0.12           | 1.06  | 0.31             | 0.86  |
| Aug.  | 3.90        | 1.48  | 3.24         | 1.45  | 1.58           | 1.11  | 2.20           | 1.53  | 3.59             | 1.19  |
| Sept. | 1.17        | 1.28  | 0.88         | 1.28  | 0.70           | 1.04  | 1.41           | 1.16  | 1.49             | 1.35  |
| Year  | 28.20       | 18.50 | 25.32        | 21.45 | 15.77          | 14.82 | 18.26          | 18.41 | 22.97            | 19.59 |

| Month | <u>Ashton</u> |       | <u>Idaho Falls</u> |      | <u>Pocatello</u> |       | <u>Twin Falls</u> |      | <u>Av. 9 Stas.</u> |       |
|-------|---------------|-------|--------------------|------|------------------|-------|-------------------|------|--------------------|-------|
|       | Act.          | Nor.  | Act.               | Nor. | Act.             | Nor.  | Act.              | Nor. | Act.               | Nor.  |
| Oct.  | 2.95          | 1.35  | 1.28               | 0.63 | 0.80             | 0.89  | 0.97              | 0.76 | 2.17               | 1.15  |
| Nov.  | 1.13          | 1.56  | 0.48               | 0.62 | 0.51             | 0.99  | 0.67              | 0.92 | 1.21               | 1.30  |
| Dec.  | 1.63          | 1.89  | 0.92               | 0.80 | 0.91             | 1.00  | 0.21              | 0.86 | 1.41               | 1.53  |
| Jan.  | 1.57          | 1.82  | 0.44               | 0.89 | 0.75             | 1.21  | 0.59              | 1.04 | 1.23               | 1.52  |
| Feb.  | 2.70          | 1.77  | 0.59               | 0.71 | 1.11             | 0.92  | 1.59              | 0.70 | 1.86               | 1.40  |
| Mar.  | 1.05          | 1.39  | 0.79               | 0.66 | 1.29             | 1.02  | 0.90              | 0.84 | 1.15               | 1.32  |
| Apr.  | 0.91          | 1.04  | 0.41               | 0.66 | 0.39             | 1.06  | 0.16              | 0.93 | 0.88               | 1.24  |
| May   | 3.52          | 1.45  | 2.33               | 0.98 | 1.70             | 1.13  | 0.78              | 1.00 | 2.32               | 1.54  |
| June  | 3.60          | 1.91  | 3.09               | 1.13 | 1.84             | 0.96  | 0.98              | 0.79 | 2.63               | 1.62  |
| July  | 0.06          | 0.82  | 0.41               | 0.46 | 0.10             | 0.51  | T                 | 0.24 | 0.31               | 0.73  |
| Aug.  | 4.28          | 0.95  | 2.59               | 0.50 | 3.98             | 0.55  | 2.77              | 0.17 | 3.13               | 0.99  |
| Sept. | 0.93          | 0.94  | 0.69               | 0.63 | 0.64             | 0.61  | 0.31              | 0.49 | 0.91               | 0.98  |
| Year  | 24.33         | 16.89 | 14.02              | 8.66 | 14.02            | 10.85 | 9.93              | 8.74 | 19.21              | 15.32 |

\* Used 21 year average.

On an average for the nine stations, the precipitation for the year ending September 30, 1968 was 125% of normal. May, June and August were 150%, 162% and 316% of normal, respectively.



# EXPENDITURES DURING YEAR ENDING SEPTEMBER 30, 1968

## Engineers and Hydrographers:

|               |                             |             |
|---------------|-----------------------------|-------------|
| H. C. Eagle   | Salary, 1 year              | \$15,115.42 |
| A. L. Larson  | Salary, 1 year              | 12,998.09   |
| C. M. Bennett | Salary, 2½ months           | 1,652.80    |
| Ira R. Virgil | Salary, 11 months           | 4,058.00    |
| Oleen Dummer  | Salary,                     | 566.40      |
| A. H. Bush    | Salary, 5 mos. \$500.00 mo. | 2,500.00    |
| A. W. Wilson  | Salary, 5 mos. \$23.00 day  | 1,843.89    |
| H. W. Blauer  | Salary, 5 mos. \$23.00 day  | 2,200.93    |

## Clerks:

|                   |                               |          |
|-------------------|-------------------------------|----------|
| Charlotte E. Wood | Salary, 9 months              | 5,166.83 |
| Norma Ball        | Salary, 22 hrs. \$2.50 hr.    | 55.00    |
| Judith R. Zavala  | Salary, 3 months \$480.00 mo. | 876.76   |
| Roger Brunner     | Salary, 125½ hrs. \$1.75 hr.  | 219.62   |

## River Riders:

|                 |                                   |          |
|-----------------|-----------------------------------|----------|
| Bruce D. Cole   | 3 days @ \$14.50 incl. mileage    |          |
|                 | 67 days @ \$15.00 incl. mileage   | 1,048.50 |
| J. M. Brown     | 3 days @ \$14.50 incl. mileage    |          |
|                 | 67 days @ \$15.00 incl. mileage   | 1,048.50 |
| J. A. Balmforth | 2 days @ \$15.50 incl. mileage    |          |
|                 | 42 days @ \$16.00 incl. mileage   | 703.00   |
| C. J. Anderson  | 3 days @ \$14.50 incl. mileage    |          |
|                 | 71 days @ \$15.00 incl. mileage   | 1,108.50 |
| L. C. Anderson  | 5 days @ \$19.00 incl. mileage    |          |
|                 | 48 days @ \$20.00 incl. mileage   | 1,055.00 |
| S. B. Garrett   | 69 days @ \$16.00 incl. mileage   | 1,380.00 |
| Leslie D. Poole | 92 days @ \$11.50 incl. mileage   | 1,284.51 |
| Val Richards    | 129 days @ \$20.00 incl. mileage  | 2,669.80 |
| Elmer Lenz      | 2.60 months @ \$155.00 incl. mi.  | 517.82   |
| Seth L. Hansen  | 34.5 hrs. @ \$3.00 incl. mileage  |          |
|                 | 199.5 hrs. @ \$2.25 incl. mileage | 898.05   |

## Miscellaneous:

|                                            |          |
|--------------------------------------------|----------|
| Gage Readers                               | 442.33   |
| Transportation, 30,174 miles @ 10 ¢ a mile | 3,017.40 |
| Transportation, Government car, 1 year     | 1,900.56 |
| Government Travel expense: A. L. Larson    | 129.00   |
| C. M. Bennett                              | 90.00    |
| Ira R. Virgil                              | 363.00   |
| H. C. Eagle                                | 46.00    |
| Subsistence                                | 480.29   |
| Telephone and Telemark                     | 759.17   |
| Supplies & Equipment                       | 1,048.78 |
| Postage and box rental                     | 224.50   |
| Water District Bond and Insurance          | 258.10   |
| Federal Insurance                          | 529.67   |
| Retirement                                 | 2,528.11 |
| Social Security                            | 564.27   |
| Interest on borrowed money                 | 112.27   |
| Garage rent                                | 120.00   |
| Groundwater Investigations                 | 1,500.00 |
| Snow Pillow, Glade Creek                   | 90.00    |

\$73,170.87



Expenditures during year ending September 30, 1968 - continued

Expenditures from various funds:

|                                               |                  |
|-----------------------------------------------|------------------|
| Consolidated State repay and Federal accounts | \$36,819.10      |
| Water District No. 36 †                       | <u>36,351.77</u> |
| Total                                         | \$73,170.87      |

In addition to the foregoing, upper valley members of the Committee of Nine were paid \$768.00 for services at \$10.00 per day and expenses, which was pro-rated among upper valley canals.

Funds on hand September 30, 1968

|                             |                  |
|-----------------------------|------------------|
| Federal and State accounts  | \$22,981.89      |
| (Fiscal year begins July 1) |                  |
| Water District Funds *      | <u>-5,680.11</u> |
| Total                       | \$17,301.78      |

† \$12,800 of this amount transferred to Washington to be deposited to Cooperative repay account.

\* Waterusers operating funds are collected after October 1 of each year. There is always a deficit of Water District funds at the end of September. This year in the Water District account on September 30, there was \$3,072.50 collected for rental water, which was later disbursed to various companies and individuals who had water for rent. Also \$9,000 was borrowed from the Twin Falls Canal Co. The actual Water District balance on September 30 was -\$17,752.61. The balance on December 31 was \$11,110.01.

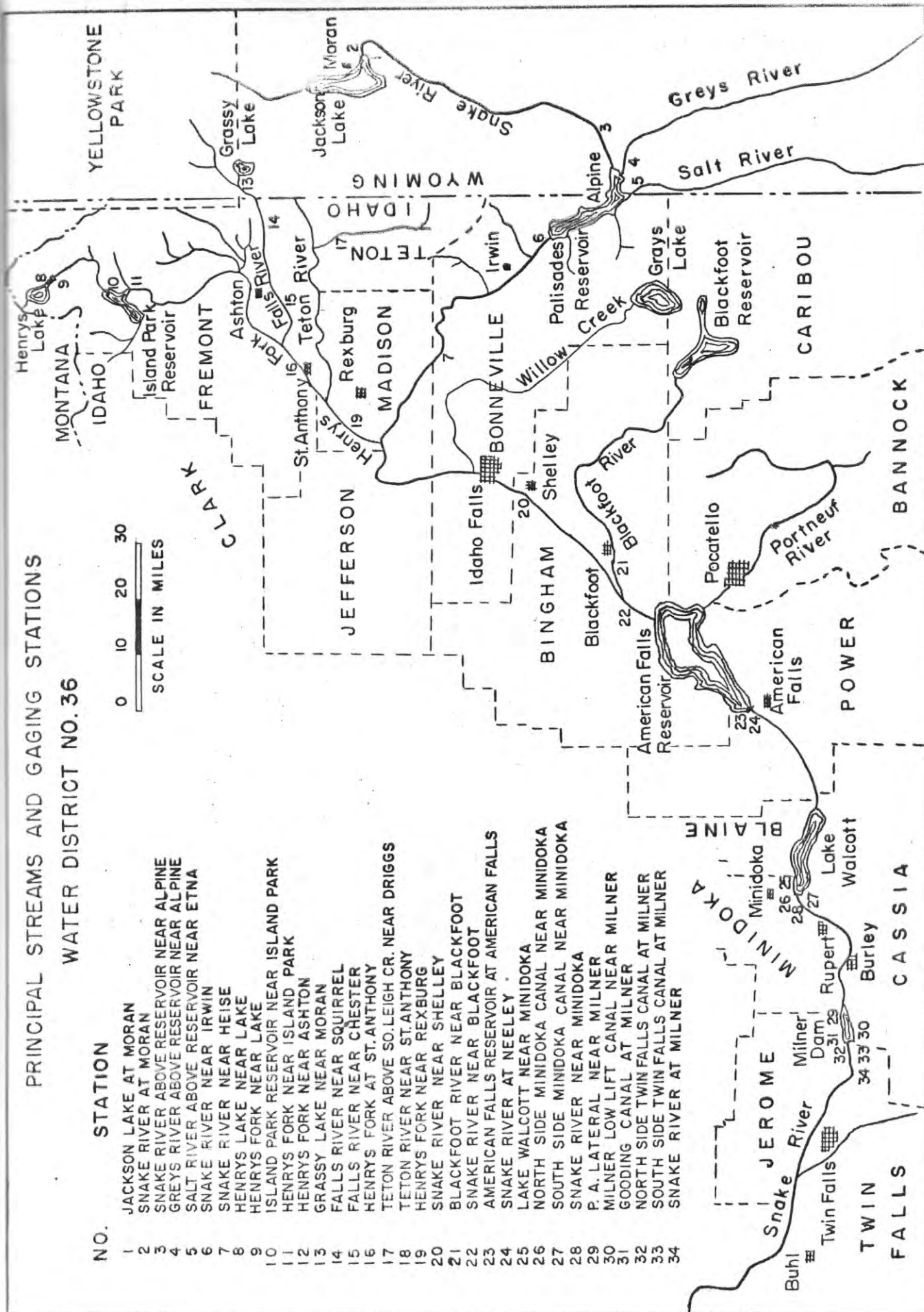
Federal funds provided are for the operation of 65 stream flow gaging stations which are located within and near the boundaries of Water District 36.

# PRINCIPAL STREAMS AND GAGING STATIONS WATER DISTRICT NO. 36

## NO. STATION

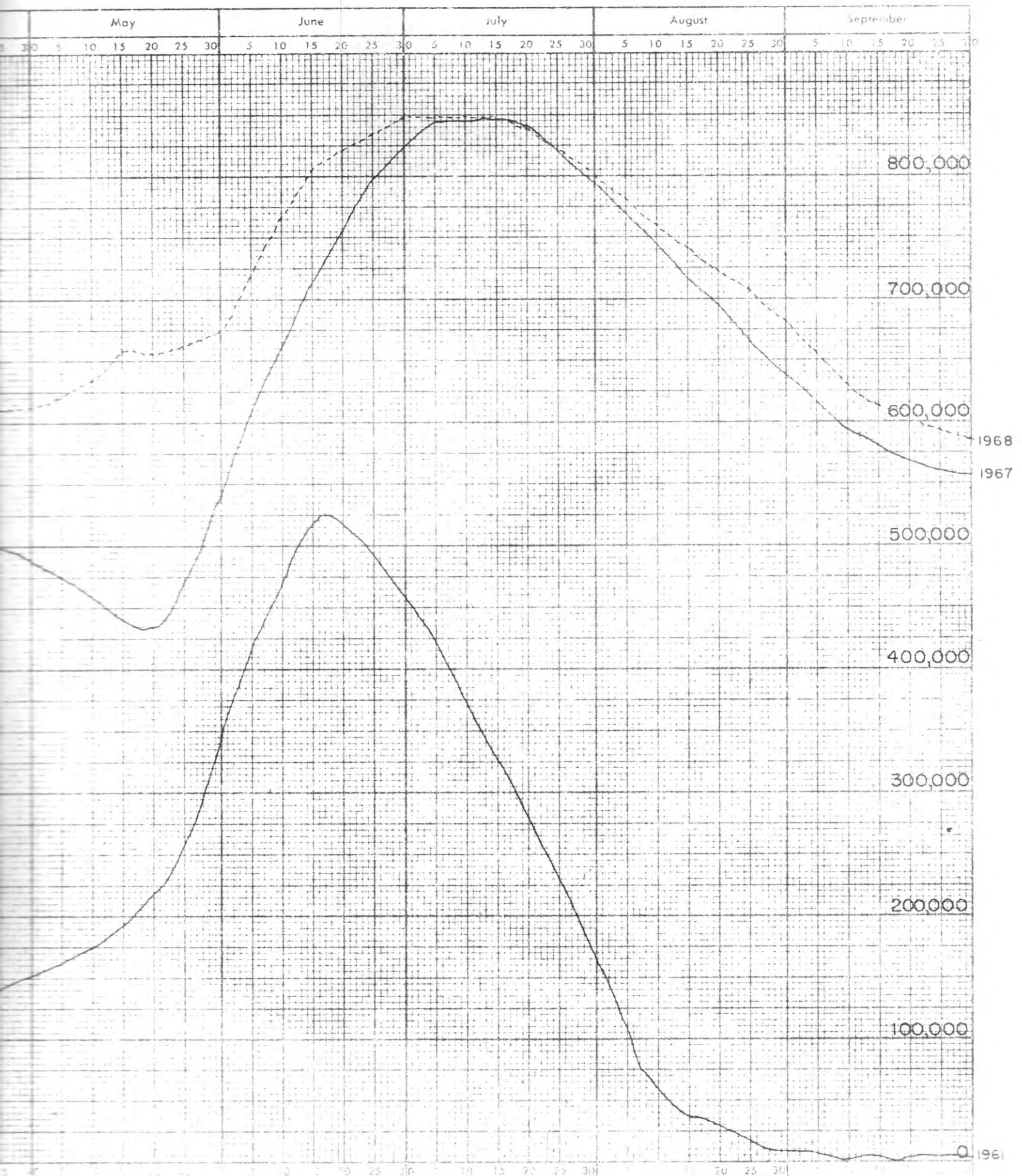
- 1 JACKSON LAKE AT MORAN
- 2 SNAKE RIVER AT MORAN
- 3 SNAKE RIVER ABOVE RESERVOIR NEAR ALPINE
- 4 GREYS RIVER ABOVE RESERVOIR NEAR ALPINE
- 5 SALT RIVER ABOVE RESERVOIR NEAR ETNA
- 6 SNAKE RIVER NEAR IRWIN
- 7 SNAKE RIVER NEAR HEISE
- 8 HENRYS LAKE NEAR LAKE
- 9 HENRYS FORK NEAR LAKE
- 10 ISLAND PARK RESERVOIR NEAR ISLAND PARK
- 11 HENRYS FORK NEAR ISLAND PARK
- 12 HENRYS FORK NEAR ASHTON
- 13 GRASSY LAKE NEAR MORAN
- 14 FALLS RIVER NEAR SQUIRREL
- 15 FALLS RIVER NEAR CHESTER
- 16 HENRYS FORK AT ST. ANTHONY
- 17 TETON RIVER ABOVE SO. LEIGH CR. NEAR DRIGGS
- 18 TETON RIVER NEAR ST. ANTHONY
- 19 HENRYS FORK NEAR REXBURG
- 20 SNAKE RIVER NEAR SHELLEY
- 21 BLACKFOOT RIVER NEAR BLACKFOOT
- 22 SNAKE RIVER NEAR BLACKFOOT
- 23 AMERICAN FALLS RESERVOIR AT AMERICAN FALLS
- 24 SNAKE RIVER AT NEELEY
- 25 LAKE WALCOTT NEAR MINIDOKA
- 26 NORTH SIDE MINIDOKA CANAL NEAR MINIDOKA
- 27 SOUTH SIDE MINIDOKA CANAL NEAR MINIDOKA
- 28 SNAKE RIVER NEAR MINIDOKA
- 29 P. A. LATERAL NEAR MILNER
- 30 MILNER LOW LIFT CANAL NEAR MILNER
- 31 GOODING CANAL AT MILNER
- 32 NORTH SIDE TWIN FALLS CANAL AT MILNER
- 33 SOUTH SIDE TWIN FALLS CANAL AT MILNER
- 34 SNAKE RIVER AT MILNER

0 10 20 30  
SCALE IN MILES

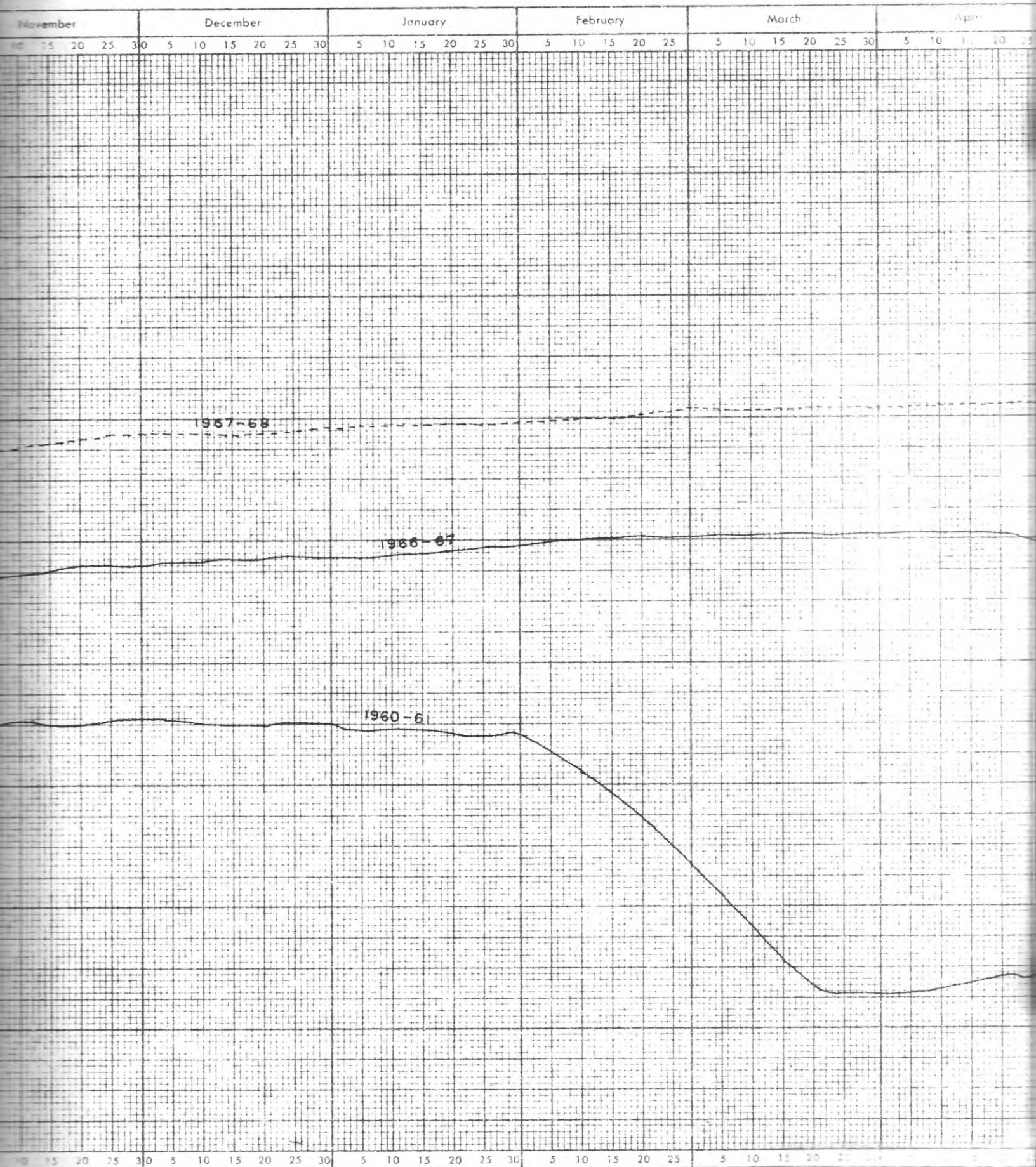


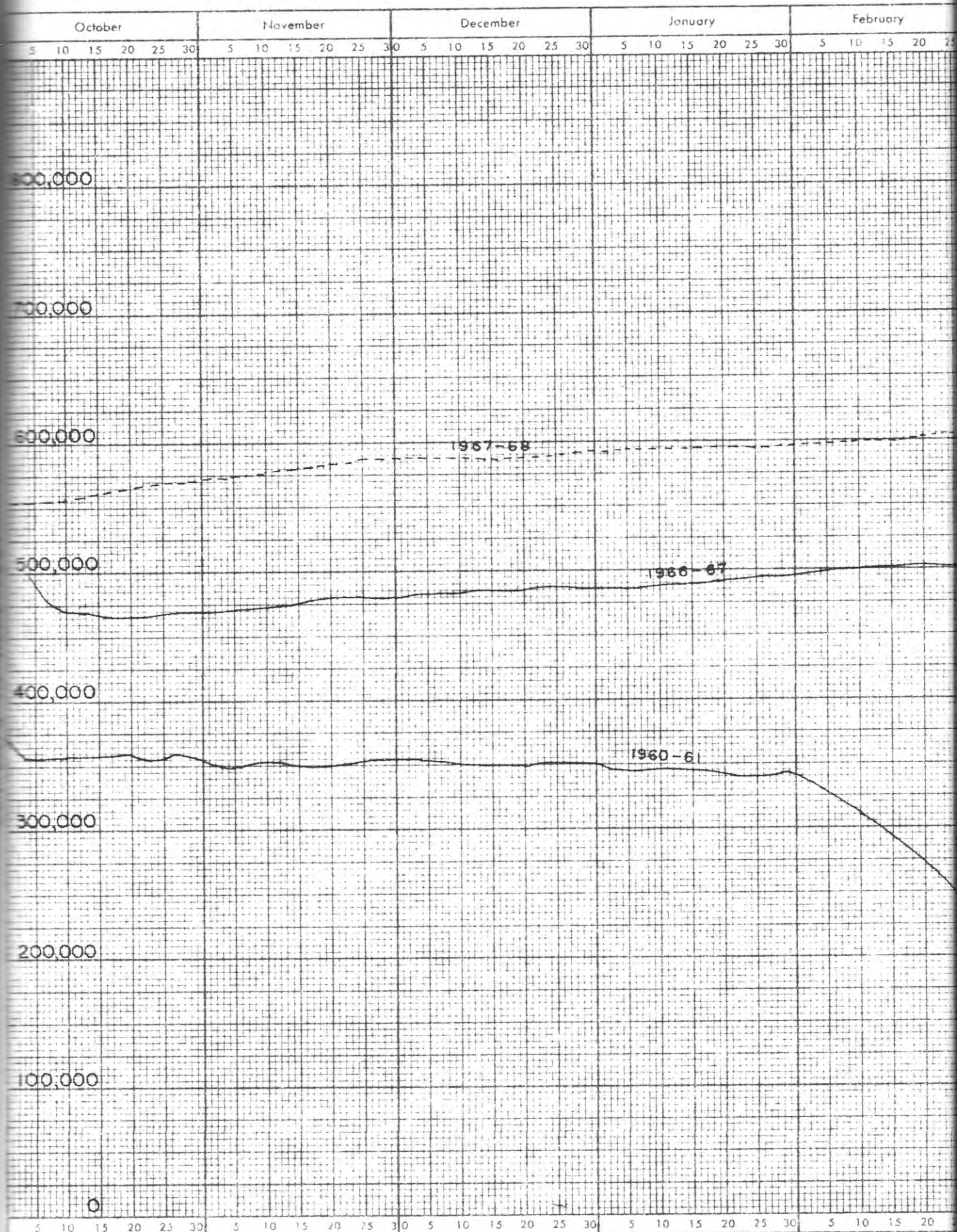
# JACKSON LAKE AT MORAN, WYO.

Washington  
Field  
PLATE NO. 2





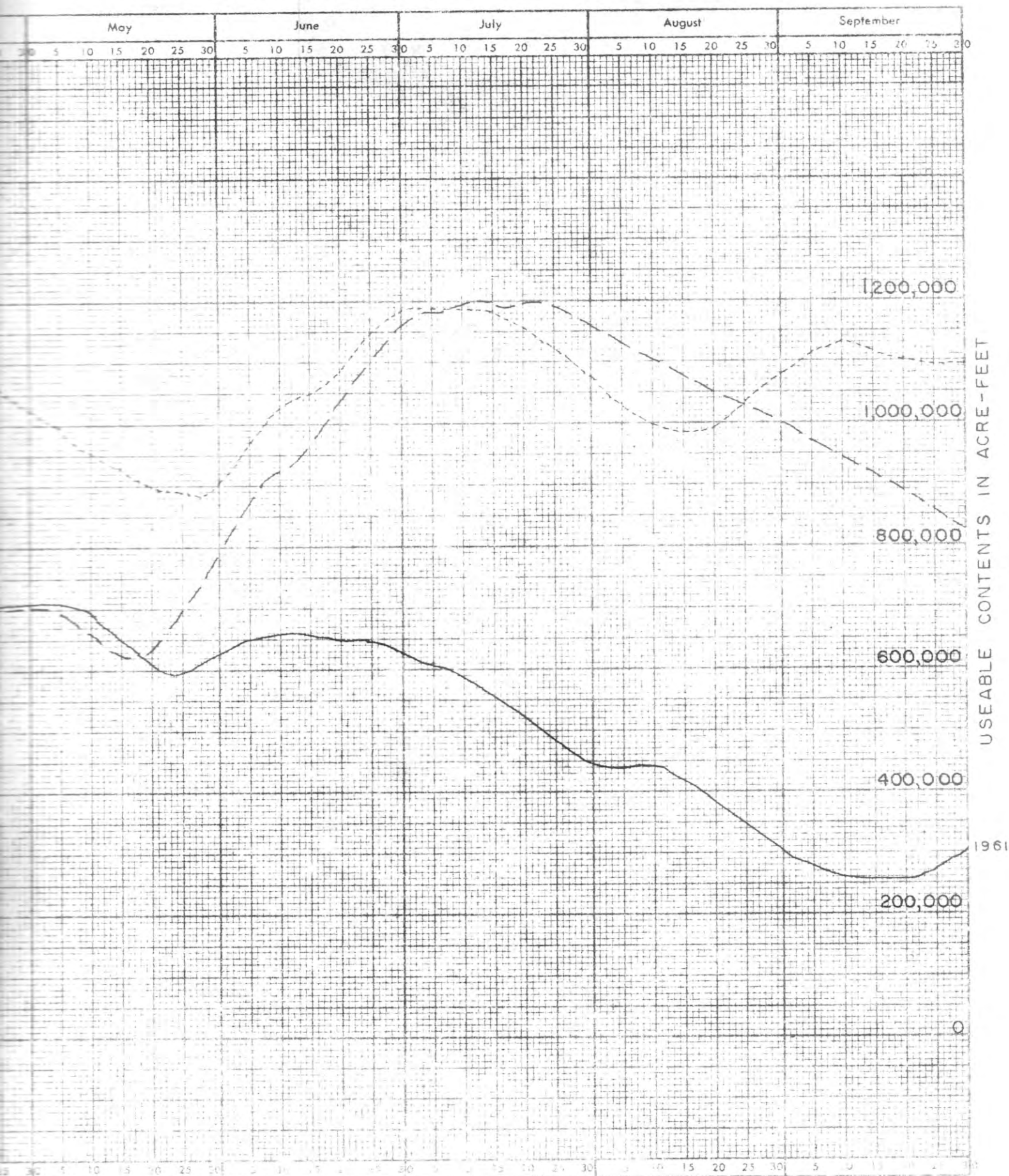




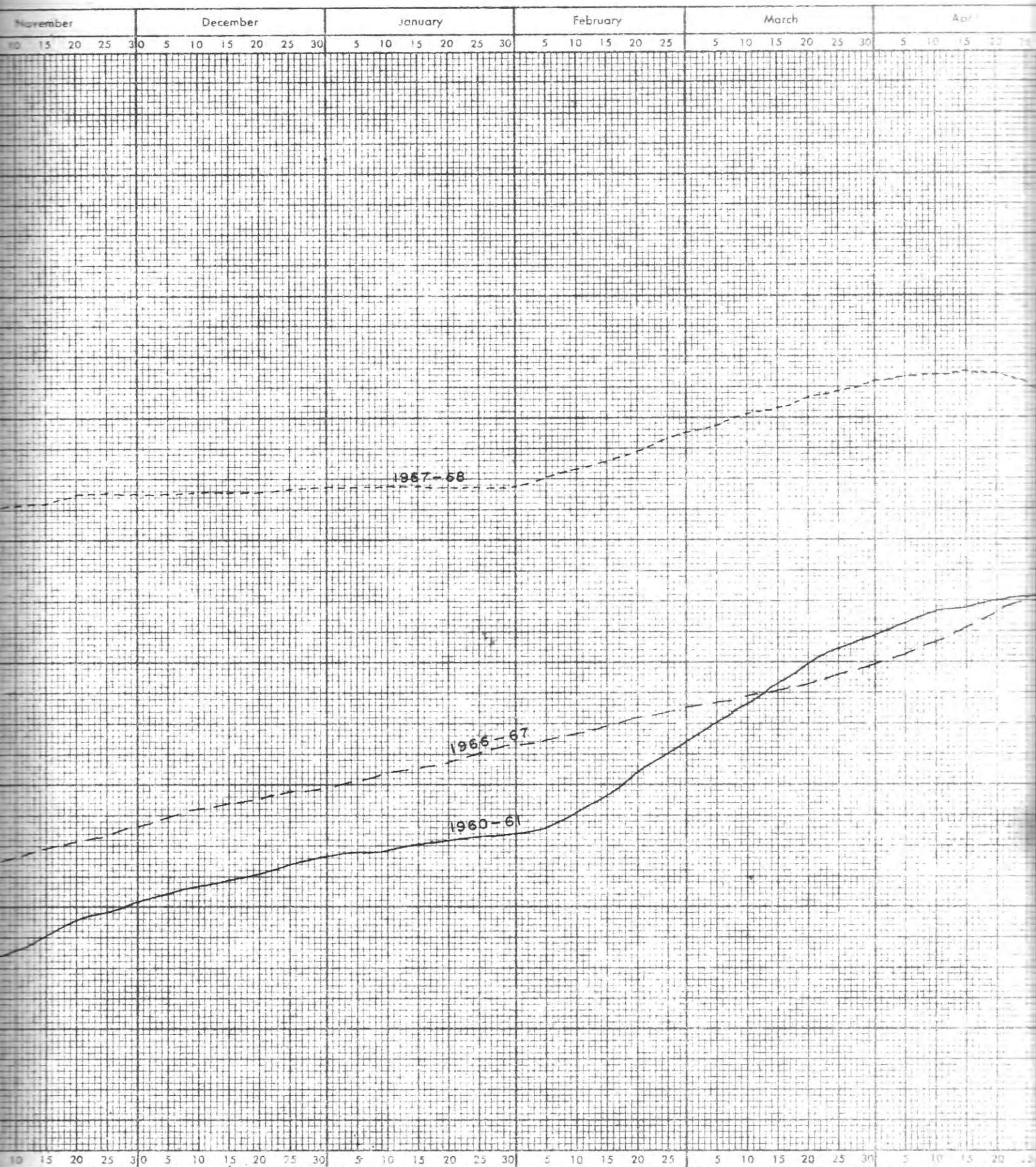


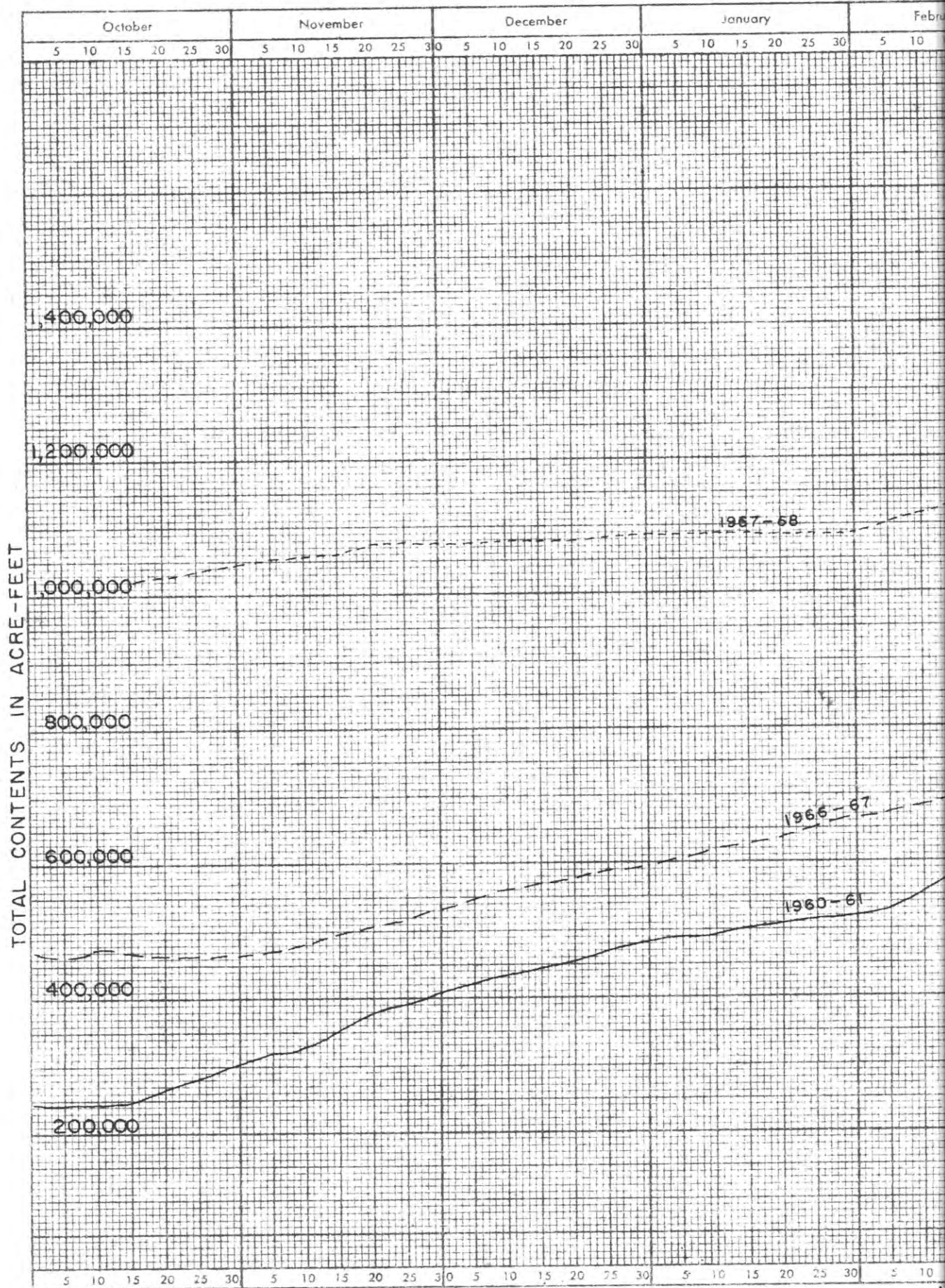
# PALISADES RESERVOIR NEAR IRWIN, IDAHO

PLATE NO. 2A  
File No. Washington  
 Field





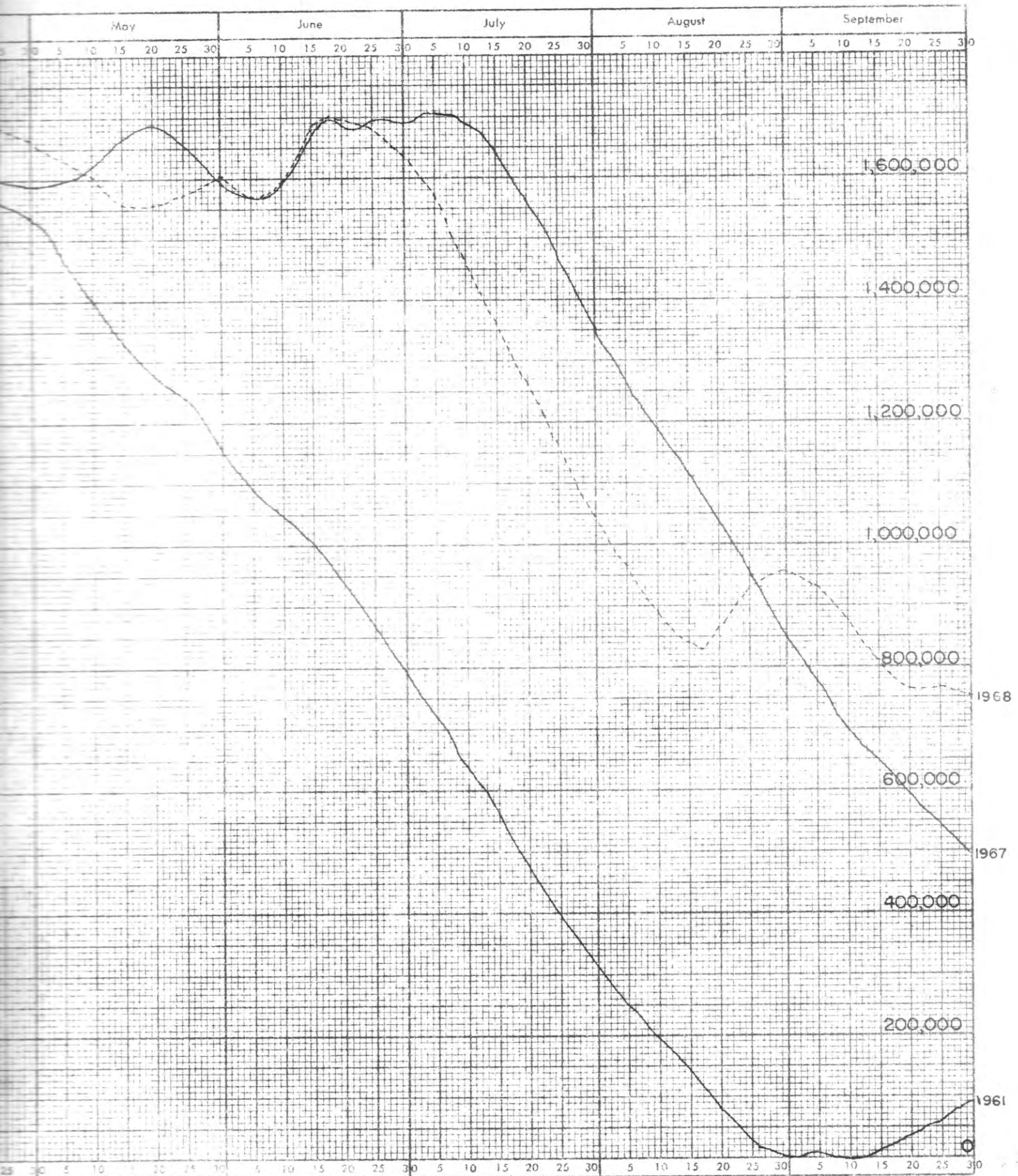


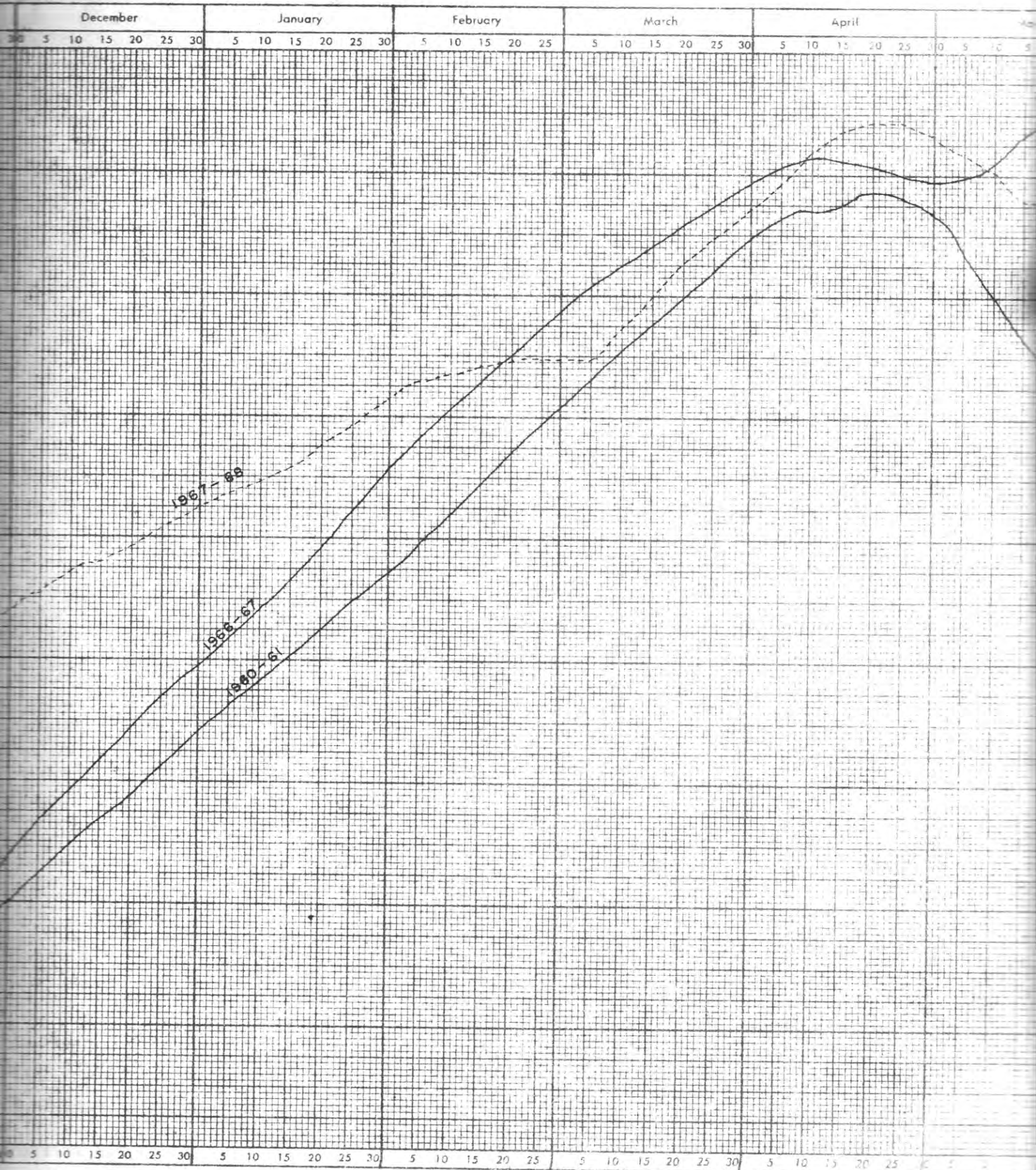




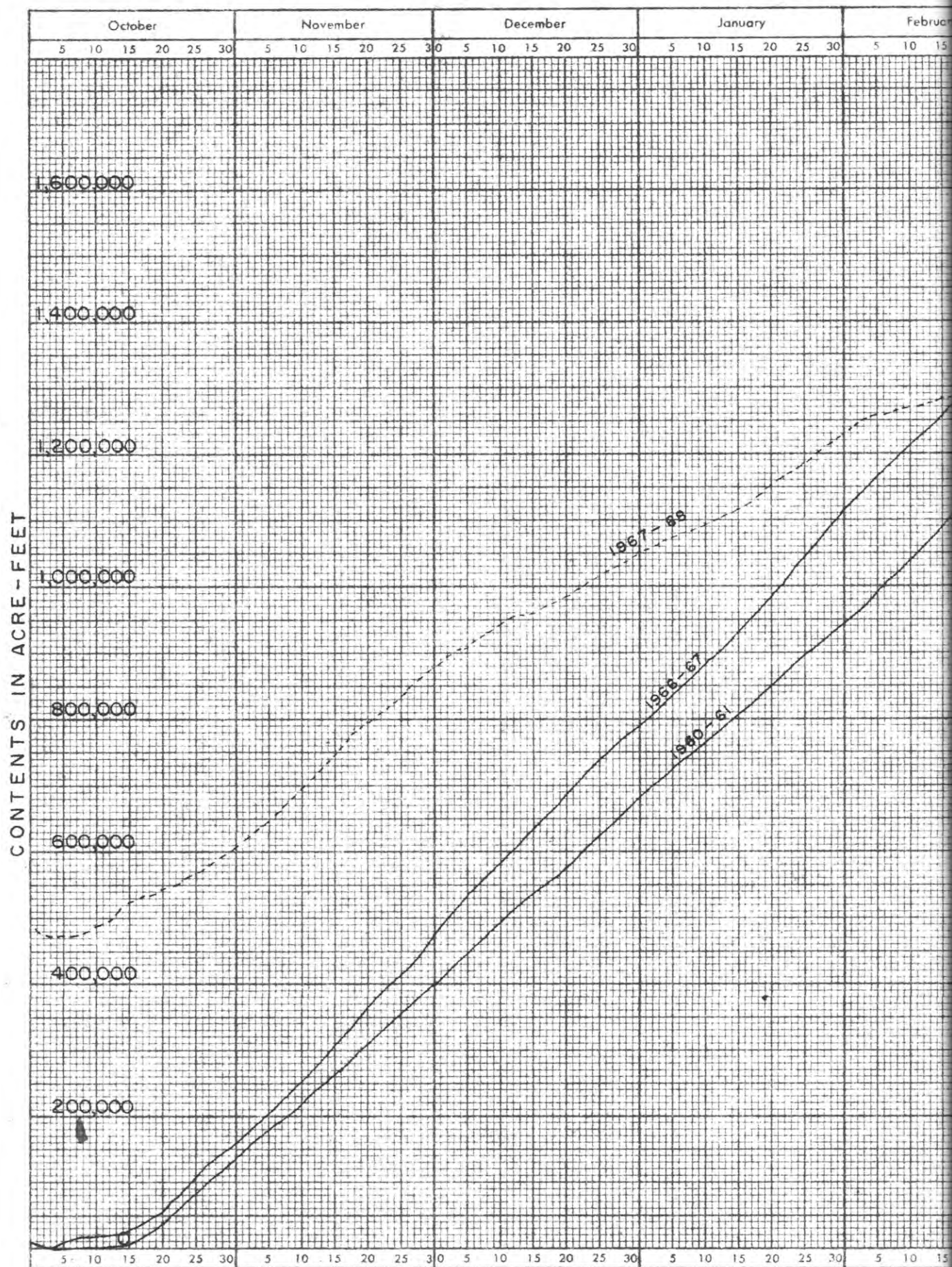
# AMERICAN FALLS RESERVOIR

PLATE NO. 3









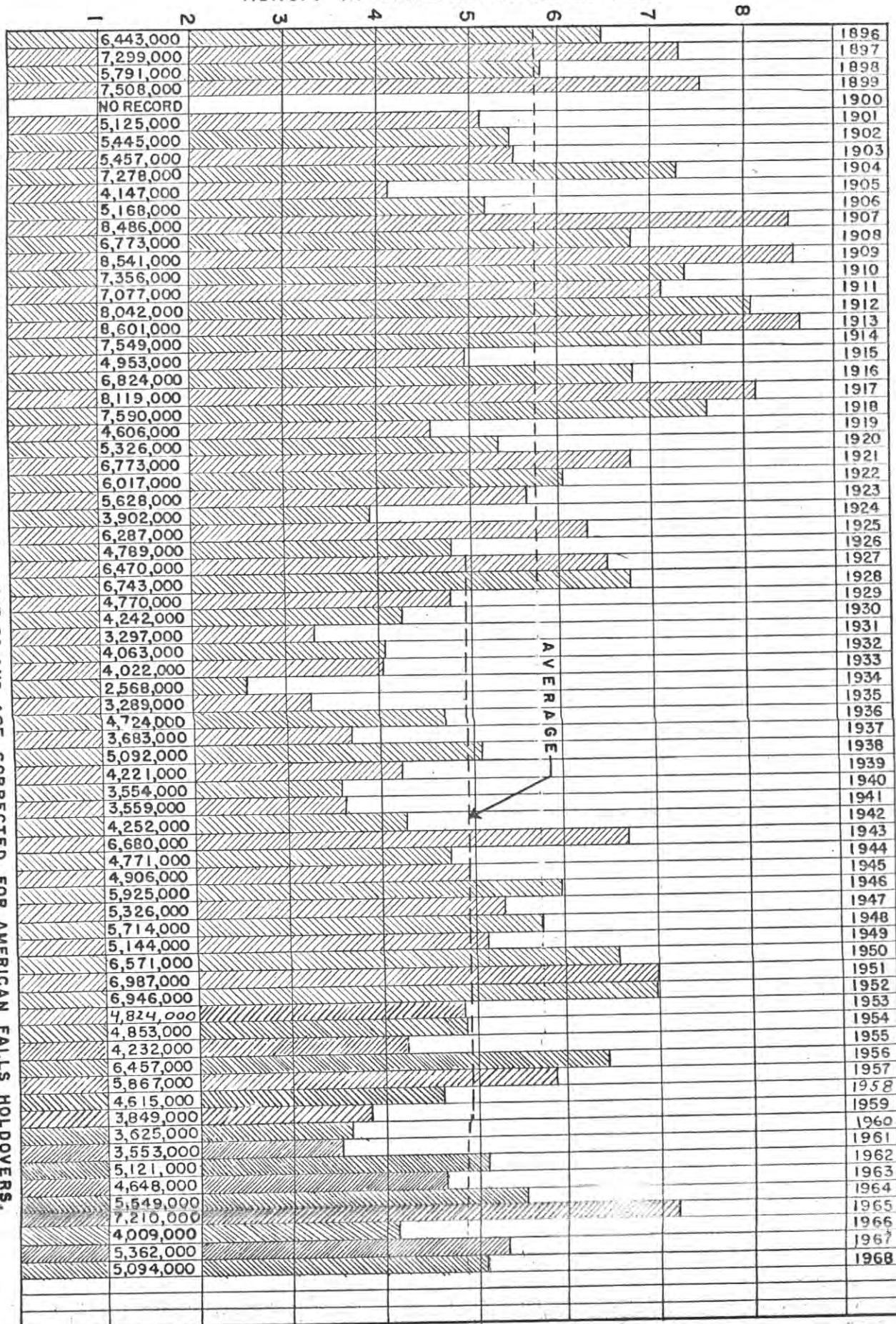
Plotted by \_\_\_\_\_ Checked by \_\_\_\_\_ Date \_\_\_\_\_



# RUNOFF IN MILLIONS OF ACRE-FEET

## ANNUAL RUNOFF OF SNAKE RIVER AT NEELEY, IDAHO

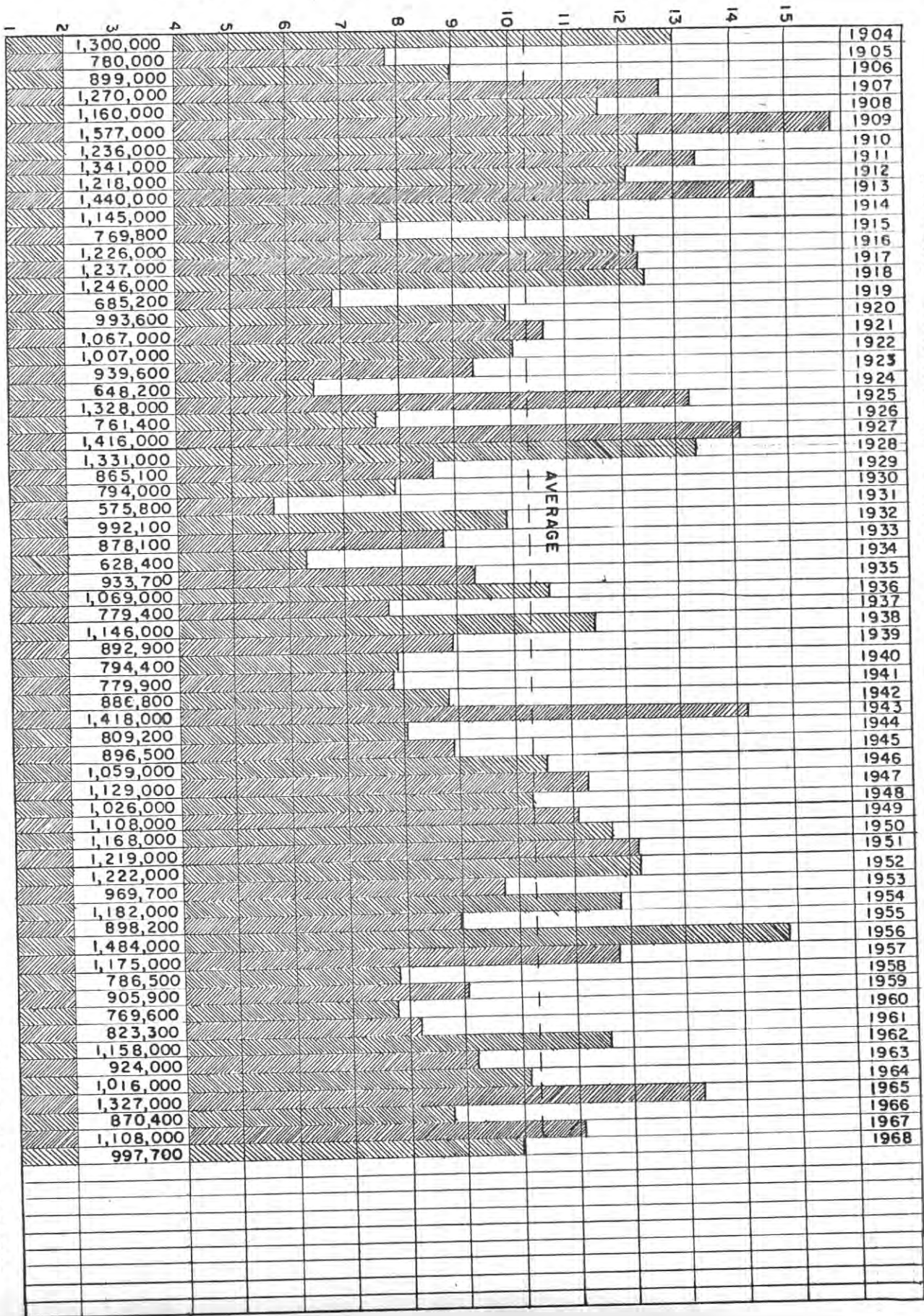
NOTE: RUNOFF TOTALS ARE FOR WATER YEAR ENDING SEPT. 30 AND ARE CORRECTED FOR AMERICAN FALLS HOLDOVERS.  
RECORDS AT MONTGOMERY FERRY USED PRIOR TO 1907.



# RUNOFF IN HUNDREDS OF THOUSANDS OF ACRE-FeET

ANNUAL RUNOFF OF SNAKE RIVER AT MORAN, WYO.

PLATE NO. 5



NOTE: RUNOFF TOTALS ARE FOR WATER YEAR ENDING SEPTEMBER 30 AND ARE CORRECTED FOR JACKSON LAKE HOLDOVERS









**DAILY DISCHARGE IN SECOND-FOOT OF SNAKE RIVER CANALS**

**JULY 1968**

| NAME OF CANAL              | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | TOTAL  |         |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|---------|
| RILEY                      | 26   | 24   | 22   | 26   | 31   | 31   | 31   | 31   | 32   | 29   | 29   | 28   | 28   | 27   | 27   | 27   | 28   | 27   | 26   | 29   | 28   | 28   | 28   | 28   | 29   | 28   | 25   | 25   | 25   | 27   | 28   | 857    |         |
| ANDERSON                   | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326    | 14,435  |
| EAGLE ROCK                 | 585  | 576  | 564  | 630  | 697  | 739  | 746  | 748  | 712  | 712  | 712  | 712  | 714  | 708  | 706  | 699  | 695  | 689  | 681  | 691  | 689  | 685  | 685  | 685  | 685  | 685  | 685  | 685  | 685  | 685  | 685  | 685    | 21,401  |
| FARMERS FRIEND             | 401  | 392  | 383  | 451  | 450  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 484  | 14,265 |         |
| ENTERPRISE                 | 136  | 144  | 151  | 158  | 165  | 170  | 174  | 178  | 181  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 183  | 6,088  |         |
| NELSON                     | 15   | 14   | 14   | 15   | 16   | 16   | 15   | 15   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 537    |         |
| MATTISON-CRAIG             | 0    | 1    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 37     |         |
| ARNISBERGER                | 47   | 45   | 43   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 1,537  |         |
| BUTLER ISLAND              | 0    | 7    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 188    |         |
| ROSS & RAND                | 12   | 6    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 212    |         |
| STEELE                     | 418  | 545  | 595  | 658  | 658  | 685  | 698  | 712  | 709  | 712  | 712  | 715  | 718  | 718  | 718  | 718  | 718  | 718  | 718  | 718  | 718  | 718  | 718  | 718  | 718  | 718  | 718  | 718  | 718  | 718  | 718  | 21,358 |         |
| CHENEY                     | 7    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 171    |         |
| BOOMER                     | 148  | 120  | 111  | 193  | 173  | 173  | 265  | 275  | 278  | 203  | 198  | 200  | 198  | 196  | 193  | 200  | 233  | 230  | 236  | 233  | 233  | 233  | 233  | 233  | 233  | 233  | 233  | 233  | 233  | 233  | 233  | 233    | 6,220   |
| RUDY                       | 72   | 73   | 74   | 79   | 80   | 98   | 103  | 105  | 80   | 71   | 78   | 77   | 78   | 75   | 72   | 70   | 70   | 71   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 2,478  |         |
| BOOMER                     | 12   | 12   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 296    |         |
| KITE & NORD                | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102  | 102    | 29,430  |
| BURGESS                    | 130  | 130  | 130  | 135  | 140  | 133  | 127  | 120  | 119  | 116  | 125  | 137  | 134  | 134  | 137  | 137  | 137  | 137  | 137  | 137  | 137  | 137  | 137  | 137  | 137  | 137  | 137  | 137  | 137  | 137  | 137  | 137    | 1,604   |
| CLARK & EDWARDS            | 151  | 139  | 133  | 156  | 154  | 162  | 170  | 179  | 184  | 189  | 189  | 190  | 196  | 196  | 196  | 196  | 196  | 196  | 196  | 196  | 196  | 196  | 196  | 196  | 196  | 196  | 196  | 196  | 196  | 196  | 196  | 196    | 4,053   |
| EAST LABELLE               | 61   | 122  | 133  | 148  | 146  | 144  | 176  | 173  | 174  | 187  | 186  | 176  | 160  | 165  | 170  | 154  | 118  | 126  | 127  | 145  | 101  | 114  | 148  | 174  | 162  | 181  | 162  | 181  | 162  | 181  | 162  | 181    | 5,580   |
| SUNNYDELL                  | 202  | 196  | 202  | 215  | 228  | 225  | 223  | 220  | 218  | 220  | 190  | 184  | 184  | 190  | 190  | 226  | 240  | 240  | 240  | 239  | 179  | 238  | 238  | 238  | 238  | 238  | 238  | 238  | 238  | 238  | 238  | 238    | 6,635   |
| LENDROO                    | 306  | 298  | 290  | 301  | 304  | 302  | 302  | 298  | 280  | 278  | 278  | 277  | 277  | 276  | 276  | 282  | 276  | 274  | 274  | 272  | 272  | 271  | 271  | 270  | 270  | 270  | 270  | 270  | 270  | 270  | 270  | 270    | 8,694   |
| TEXAS FEEDER               | 0    | 4    | 8    | 14   | 19   | 24   | 14   | 16   | 16   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 328    |         |
| NELSON COREY               | 215  | 215  | 227  | 222  | 251  | 243  | 235  | 227  | 199  | 199  | 202  | 224  | 224  | 248  | 229  | 220  | 200  | 178  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184    | 231     |
| HILL PETTINGER             | 183  | 201  | 200  | 212  | 218  | 208  | 198  | 194  | 208  | 196  | 199  | 190  | 190  | 190  | 205  | 212  | 214  | 216  | 222  | 226  | 211  | 206  | 199  | 199  | 206  | 208  | 210  | 218  | 214  | 214  | 214  | 214    | 6,318   |
| RIGBY                      | 32   | 38   | 28   | 30   | 32   | 33   | 35   | 36   | 31   | 29   | 29   | 31   | 34   | 34   | 35   | 36   | 37   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 1,043  |         |
| ISLAND                     | 574  | 543  | 581  | 591  | 591  | 597  | 594  | 580  | 577  | 571  | 580  | 580  | 580  | 577  | 582  | 588  | 588  | 588  | 588  | 588  | 588  | 588  | 588  | 588  | 588  | 588  | 588  | 588  | 588  | 588  | 588  | 588    | 17,747  |
| WEST LABELLE & LONG ISLAND | 358  | 382  | 421  | 420  | 418  | 436  | 379  | 445  | 451  | 447  | 426  | 447  | 447  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451    | 12,819  |
| PARKS & LEWISVILLE         | 54   | 56   | 57   | 80   | 72   | 74   | 75   | 76   | 65   | 62   | 68   | 66   | 70   | 61   | 61   | 61   | 59   | 58   | 53   | 56   | 56   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53     | 1,902   |
| NORTH RIGBY                | 0    | 4    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 95     |         |
| WHITE                      | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 170    |         |
| ELLIS                      | 14   | 14   | 13   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 480    |         |
| BRAMWELL                   | 348  | 340  | 332  | 340  | 348  | 356  | 363  | 370  | 374  | 379  | 382  | 386  | 382  | 378  | 374  | 373  | 376  | 372  | 368  | 378  | 388  | 397  | 362  | 327  | 342  | 357  | 360  | 363  | 366  | 362  | 357  | 357    | 11,260  |
| BUTTE & MARKET LAKE        | 57   | 20   | 20   | 69   | 71   | 48   | 5    | 60   | 69   | 20   | 64   | 65   | 40   | 4    | 61   | 70   | 78   | 75   | 75   | 54   | 8    | 66   | 73   | 71   | 73   | 75   | 51   | 9    | 68   | 75   | 75   | 1,669  |         |
| OSGOOD                     | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 217    |         |
| BEAR ISLAND & SMITH        | 49   | 54   | 59   | 62   | 66   | 64   | 62   | 59   | 60   | 60   | 59   | 58   | 59   | 61   | 62   | 56   | 50   | 46   | 43   | 46   | 48   | 51   | 55   | 59   | 60   | 61   | 62   | 63   | 64   | 65   | 65   | 1,780  |         |
| KENNEDY                    | 1020 | 1100 | 1320 | 1310 | 1320 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440   | 43,320  |
| IDAHO                      | 274  | 263  | 263  | 312  | 312  | 316  | 329  | 341  | 340  | 354  | 361  | 367  | 358  | 365  | 367  | 358  | 354  | 355  | 352  | 351  | 350  | 342  | 335  | 332  | 329  | 334  | 338  | 342  | 345  | 340  | 340  | 340    | 10,428  |
| GREAT WESTERN              | 81   | 113  | 118  | 94   | 117  | 99   | 90   | 121  | 96   | 128  | 112  | 123  | 110  | 109  | 128  | 107  | 121  | 105  | 124  | 0    | 0    | 112  | 94   | 111  | 101  | 110  | 118  | 117  | 117  | 107  | 113  | 113    | 3,126   |
| PORTER                     | 705  | 773  | 855  | 830  | 815  | 834  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843  | 843    | 26,196  |
| COY & KELLER               | 8724 | 9075 | 9524 | 9995 | 9799 | 9051 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083 | 9083   | 318,133 |
| WOODVILLE                  | 185  | 296  | 459  | 482  | 502  | 523  | 524  | 524  | 537  | 540  | 536  | 571  | 496  | 510  | 534  | 511  | 517  | 518  | 505  | 484  | 432  | 452  | 442  | 480  | 494  | 508  | 512  | 516  | 492  | 499  | 499  | 15,102 |         |
| RESERVATION                | 418  | 408  | 399  | 404  | 432  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433  | 433    | 13,267  |
| BLACKFOOT                  | 176  | 156  | 151  | 151  | 0    | 165  | 167  | 176  | 185  | 185  | 193  | 190  | 191  | 210  | 192  | 193  | 189  | 186  | 186  | 187  | 190  | 180  | 174  | 185  | 182  | 186  | 188  | 188  | 188  | 188  | 188  | 188    | 5,726   |
| NEW LAVA SIDE              | 478  | 413  | 410  | 396  | 382  | 0    | 420  | 420  | 517  | 511  | 511  | 499  | 499  | 523  | 511  | 535  | 545  | 538  | 533  | 533  | 513  | 502  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492    | 14,577  |
| PEOPLES                    | 1750 | 210  | 1240 | 1370 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440   | 46,210  |
| ABERDEEN                   | 178  | 190  | 201  | 200  | 0    | 127  | 184  | 242  | 244  | 231  | 259  | 256  | 252  | 223  | 203  | 222  | 222  | 210  | 214  | 210  | 209  | 171  | 195  | 196  | 189  | 191  | 195  | 199  | 206  | 202  | 213  |        |         |







PLATE NO 11

SEPTEMBER

| 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 24   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   |
| 236  | 239  | 245  | 268  | 272  | 271  | 276  | 286  | 286  | 287  | 285  | 265  | 265  | 278  | 286  | 286  | 290  | 303  | 303  | 303  | 303  | 302  | 302  | 303  |
| 499  | 500  | 500  | 501  | 502  | 502  | 503  | 503  | 503  | 503  | 503  | 502  | 502  | 502  | 501  | 501  | 500  | 500  | 500  | 500  | 500  | 500  | 500  | 500  |
| 135  | 136  | 136  | 137  | 137  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  | 138  |
| 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    |
| 27   | 27   | 27   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   |
| 55   | 55   | 55   | 54   | 54   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53   | 53   |
| 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    |
| 29   | 28   | 28   | 28   | 28   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   |
| 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| 181  | 170  | 143  | 146  | 116  | 86   | 90   | 86   | 80   | 87   | 87   | 80   | 80   | 77   | 83   | 98   | 97   | 93   | 94   | 88   | 87   | 88   | 83   | 87   |
| 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |
| 28   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   |
| 57   | 56   | 56   | 55   | 54   | 53   | 53   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   |
| 3    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |
| 11   | 11   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| 33   | 30   | 27   | 28   | 28   | 23   | 21   | 32   | 34   | 51   | 39   | 35   | 34   | 34   | 50   | 65   | 56   | 59   | 48   | 48   | 49   | 45   | 35   | 35   |
| 11   | 12   | 12   | 13   | 13   | 13   | 12   | 12   | 13   | 13   | 13   | 13   | 13   | 13   | 16   | 53   | 49   | 39   | 40   | 33   | 41   | 33   | 33   | 25   |
| 2    | 2    | 2    | 2    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    |
| 10   | 10   | 10   | 30   | 30   | 15   | 1    | 0    | 2    | 25   | 30   | 30   | 10   | 20   | 20   | 40   | 50   | 35   | 32   | 50   | 40   | 30   | 30   | 30   |
| 79   | 79   | 78   | 78   | 77   | 77   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   |
| 24   | 24   | 24   | 24   | 23   | 23   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   |
| 37   | 36   | 36   | 35   | 34   | 34   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   |
| 23   | 23   | 23   | 22   | 22   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   |
| 1533 | 1521 | 1515 | 1540 | 1497 | 1444 | 1447 | 1465 | 1485 | 1515 | 1501 | 1449 | 1458 | 1468 | 1520 | 1597 | 1571 | 1570 | 1579 | 1556 | 1554 | 1542 | 1527 | 1524 |
| 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 |
| 2853 | 2841 | 2835 | 2860 | 2817 | 2764 | 2767 | 2785 | 2805 | 2835 | 2821 | 2769 | 2778 | 2788 | 2840 | 2917 | 2891 | 2890 | 2899 | 2876 | 2874 | 2862 | 2847 | 2844 |

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|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 8    | 88   | 88   | 86   | 67   | 69   | 75   | 74   | 68   | 68   | 67   | 69   | 88   | 88   | 75   | 66   | 66   | 62   | 48   | 48   | 48   | 48   | 48   | 48   | 47 |
| 2941 | 2929 | 2921 | 2927 | 2886 | 2839 | 2841 | 2853 | 2873 | 2902 | 2890 | 2857 | 2866 | 2863 | 2906 | 2983 | 2953 | 2938 | 2947 | 2924 | 2922 | 2910 | 2895 | 2891 |    |

87,418



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|     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 5   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   |    |
| 7   | 27   | 28   | 28   | 29   | 30   | 30   | 30   | 29   | 28   | 28   | 27   | 26   | 26   | 25   | 24   | 24   | 24   | 24   | 24   | 24   | 24   | 24   | 24   | 25   | 25   | 25   | 25   |    |
| 57  | 281  | 278  | 275  | 271  | 268  | 265  | 262  | 265  | 269  | 272  | 276  | 280  | 249  | 177  | 206  | 238  | 241  | 237  | 237  | 237  | 228  | 232  | 236  | 239  | 245  | 268  | 272  |    |
| 89  | 492  | 496  | 499  | 502  | 506  | 510  | 509  | 507  | 505  | 504  | 503  | 502  | 500  | 499  | 497  | 496  | 496  | 497  | 497  | 498  | 498  | 499  | 499  | 500  | 500  | 501  | 502  |    |
| 41  | 142  | 142  | 143  | 144  | 145  | 146  | 145  | 143  | 142  | 141  | 140  | 139  | 137  | 136  | 134  | 133  | 133  | 133  | 134  | 134  | 134  | 135  | 135  | 136  | 136  | 137  | 137  |    |
| 11  | 12   | 12   | 13   | 13   | 14   | 14   | 14   | 13   | 12   | 11   | 11   | 10   | 9    | 8    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    |    |
| 9   | 29   | 30   | 30   | 31   | 31   | 31   | 31   | 31   | 30   | 30   | 30   | 30   | 29   | 29   | 28   | 28   | 28   | 28   | 28   | 27   | 27   | 27   | 27   | 27   | 27   | 26   | 26   |    |
| 58  | 58   | 58   | 58   | 59   | 59   | 59   | 59   | 59   | 59   | 59   | 58   | 58   | 58   | 57   | 57   | 57   | 56   | 56   | 56   | 56   | 56   | 56   | 55   | 55   | 55   | 54   | 54   |    |
| 9   | 10   | 10   | 10   | 11   | 11   | 11   | 11   | 11   | 10   | 10   | 10   | 9    | 9    | 9    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    |    |
| 27  | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 28   | 28   | 29   | 29   | 29   | 30   | 30   | 30   | 30   | 30   | 30   | 29   | 29   | 29   | 29   | 28   | 28   | 28   | 28   |    |
| 11  | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 10   | 10   | 10   | 10   | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 10   | 10   | 10   | 10   | 10   | 10   |    |
| 1   | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |    |
| 31  | 142  | 145  | 192  | 233  | 278  | 262  | 280  | 324  | 302  | 262  | 238  | 228  | 202  | 190  | 191  | 189  | 188  | 167  | 169  | 173  | 194  | 189  | 181  | 170  | 143  | 146  | 111  |    |
| 15  | 14   | 13   | 11   | 10   | 9    | 8    | 8    | 7    | 6    | 6    | 5    | 4    | 3    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |    |
| 23  | 26   | 28   | 30   | 33   | 35   | 37   | 36   | 35   | 34   | 33   | 33   | 31   | 30   | 29   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 27   | 27   | 27   | 27   |    |
| 71  | 72   | 74   | 75   | 76   | 77   | 78   | 77   | 75   | 72   | 70   | 68   | 66   | 65   | 63   | 62   | 62   | 61   | 60   | 60   | 59   | 58   | 58   | 57   | 56   | 56   | 55   | 54   |    |
| 10  | 11   | 11   | 12   | 12   | 13   | 13   | 12   | 11   | 10   | 9    | 7    | 6    | 5    | 4    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 2    | 2    | 2    | 2    |    |
| 24  | 25   | 27   | 28   | 29   | 31   | 32   | 30   | 28   | 25   | 23   | 21   | 19   | 17   | 14   | 12   | 12   | 12   | 12   | 12   | 11   | 11   | 11   | 11   | 10   | 10   | 10   | 10   |    |
| 3   | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 2    | 2    | 2    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |    |
| 10  | 140  | 120  | 120  | 114  | 114  | 114  | 114  | 114  | 84   | 80   | 70   | 65   | 60   | 50   | 43   | 40   | 40   | 25   | 30   | 30   | 30   | 25   | 33   | 30   | 27   | 28   | 28   |    |
| 17  | 17   | 25   | 26   | 28   | 31   | 22   | 25   | 25   | 40   | 50   | 45   | 45   | 45   | 45   | 45   | 44   | 43   | 43   | 42   | 31   | 11   | 12   | 11   | 12   | 12   | 13   | 13   |    |
| 4   | 4    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 2    | 2    | 2    | 1    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 1    | 1    | 2    | 2    | 2    | 2    |    |
| 20  | 20   | 25   | 35   | 50   | 37   | 40   | 40   | 40   | 50   | 60   | 40   | 40   | 30   | 25   | 32   | 30   | 27   | 25   | 15   | 15   | 30   | 20   | 10   | 10   | 30   | 30   | 15   |    |
| 73  | 75   | 78   | 82   | 85   | 90   | 98   | 100  | 100  | 95   | 93   | 92   | 90   | 88   | 86   | 83   | 83   | 82   | 82   | 81   | 81   | 80   | 80   | 79   | 79   | 78   | 78   | 77   |    |
| 16  | 17   | 19   | 20   | 21   | 22   | 23   | 24   | 24   | 24   | 25   | 25   | 25   | 26   | 26   | 26   | 26   | 26   | 26   | 25   | 25   | 25   | 25   | 24   | 24   | 24   | 24   | 24   |    |
| 27  | 28   | 28   | 29   | 30   | 31   | 32   | 33   | 34   | 35   | 36   | 37   | 38   | 39   | 40   | 40   | 40   | 40   | 39   | 39   | 38   | 38   | 37   | 37   | 36   | 36   | 35   | 35   |    |
| 22  | 23   | 23   | 23   | 24   | 24   | 24   | 24   | 24   | 24   | 24   | 24   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 24   | 24   | 24   | 23   | 23   | 23   | 22   | 22   |    |
| 525 | 1708 | 1716 | 1785 | 1851 | 1902 | 1895 | 1910 | 1945 | 1901 | 1870 | 1805 | 1779 | 1694 | 1580 | 1594 | 1616 | 1611 | 1568 | 1564 | 1552 | 1557 | 1543 | 1533 | 1521 | 1515 | 1540 | 148  |    |
| 30  | 130  | 1310 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 |    |
| 535 | 30   | 18   | 3026 | 3105 | 3171 | 3222 | 3215 | 3230 | 3265 | 3221 | 3190 | 3125 | 3099 | 3014 | 2900 | 2914 | 2936 | 2931 | 2888 | 2884 | 2872 | 2877 | 2863 | 2853 | 2841 | 2835 | 2860 | 28 |

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|      |    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|------|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 27   | 0  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 35   | 111  | 86   | 57   | 58   | 66   | 71   | 75   | 88   | 88   | 88   | 88   | 86   | 67   | 6  |
| 5330 | 18 | 3026 | 3105 | 3171 | 3222 | 3215 | 3230 | 3265 | 3221 | 3190 | 3125 | 3099 | 3049 | 3011 | 3000 | 2993 | 2989 | 2954 | 2955 | 2947 | 2965 | 2951 | 2941 | 2929 | 2921 | 2927 | 28 |

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# CAN FALLS RESERVOIR

BETWEEN BLACKFOOT AND NEELEY STATIONS  
24-HOUR SECOND-FOOT

JULY

| 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 26   | 26   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 24   | 24   | 24   | 24   | 24   | 24   | 24   | 23   | 23   | 23   | 23   | 23   | 23   | 23   | 23   | 23   |
| 100  | 120  | 161  | 87   | 102  | 104  | 100  | 101  | 103  | 105  | 109  | 113  | 140  | 141  | 138  | 126  | 128  | 132  | 144  | 143  | 128  | 130  | 138  | 130  | 136  | 167  | 167  | 15   | 15   | 15   |
| 456  | 455  | 454  | 454  | 453  | 452  | 452  | 451  | 450  | 449  | 449  | 449  | 449  | 449  | 449  | 449  | 449  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  | 450  |
| 130  | 130  | 130  | 130  | 130  | 130  | 130  | 130  | 130  | 130  | 130  | 130  | 131  | 132  | 133  | 134  | 135  | 136  | 136  | 137  | 138  | 139  | 140  | 141  | 141  | 140  | 139  | 138  | 137  | 136  |
| 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    |
| 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   |
| 63   | 62   | 60   | 59   | 58   | 57   | 56   | 55   | 54   | 53   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   | 52   |
| 9    | 9    | 9    | 9    | 9    | 9    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    |
| 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   |
| 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    |
| 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 97   | 83   | 70   | 53   | 56   | 56   | 54   | 54   | 56   | 58   | 56   | 55   | 54   | 52   | 51   | 49   | 56   | 52   | 53   | 47   | 47   | 39   | 51   | 47   | 42   | 47   | 49   | 3    | 3    | 3    |
| 27   | 27   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 24   | 24   | 24   | 24   | 24   | 24   | 24   | 24   | 24   |
| 3    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    |
| 64   | 65   | 66   | 66   | 67   | 67   | 68   | 68   | 69   | 69   | 68   | 67   | 66   | 65   | 64   | 63   | 62   | 61   | 60   | 59   | 58   | 57   | 56   | 55   | 55   | 55   | 55   | 55   | 55   | 55   |
| 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    |
| 13   | 12   | 11   | 10   | 9    | 8    | 7    | 6    | 5    | 5    | 5    | 5    | 6    | 6    | 6    | 7    | 7    | 7    | 8    | 8    | 8    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    |
| 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |
| 48   | 52   | 54   | 49   | 48   | 45   | 42   | 37   | 38   | 41   | 38   | 40   | 39   | 41   | 41   | 40   | 40   | 45   | 49   | 52   | 49   | 45   | 47   | 52   | 52   | 52   | 52   | 52   | 52   | 52   |
| 16   | 14   | 14   | 13   | 13   | 13   | 13   | 11   | 11   | 11   | 11   | 11   | 12   | 12   | 12   | 13   | 13   | 13   | 14   | 14   | 15   | 15   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 16   |
| 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 3    |
| 48   | 14   | 3    | 5    | 4    | 1    | 1    | 6    | 7    | 1    | 2    | 7    | 4    | 3    | 2    | 4    | 4    | 9    | 1    | 3    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 59   | 59   | 58   | 57   | 57   | 56   | 56   | 55   | 55   | 54   | 53   | 53   | 54   | 55   | 56   | 56   | 57   | 58   | 59   | 59   | 60   | 61   | 61   | 62   | 62   | 62   | 62   | 62   | 62   | 62   |
| 10   | 10   | 11   | 11   | 11   | 12   | 12   | 12   | 12   | 13   | 13   | 13   | 14   | 14   | 14   | 15   | 15   | 16   | 16   | 17   | 17   | 18   | 18   | 19   | 19   | 18   | 17   | 17   | 17   | 17   |
| 23   | 23   | 24   | 24   | 24   | 25   | 25   | 26   | 26   | 27   | 27   | 27   | 27   | 27   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 25   | 25   | 25   | 25   | 24   | 24   | 24   | 24   |
| 25   | 25   | 25   | 25   | 26   | 26   | 26   | 26   | 27   | 27   | 27   | 27   | 26   | 26   | 26   | 25   | 25   | 24   | 24   | 24   | 23   | 23   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   |
| 294  | 265  | 280  | 1182 | 1197 | 1191 | 1180 | 1176 | 1181 | 1181 | 1178 | 1187 | 1212 | 1212 | 1206 | 1196 | 1204 | 1216 | 1227 | 1226 | 1206 | 1197 | 1220 | 1213 | 1214 | 1248 | 1251 | 12   | 12   | 12   |
| 130  | 1310 | 1310 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 |
| 2604 | 2575 | 2590 | 2482 | 2497 | 2491 | 2480 | 2476 | 2481 | 2471 | 2468 | 2477 | 2502 | 2502 | 2496 | 2486 | 2494 | 2506 | 2517 | 2516 | 2496 | 2487 | 2510 | 2503 | 2504 | 2538 | 2541 | 25   | 25   | 25   |

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|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 166  | 148  | 109  | 185  | 172  | 172  | 178  | 178  | 165  | 178  | 176  | 173  | 146  | 146  | 150  | 162  | 161  | 158  | 146  | 148  | 164  | 162  | 155  | 163  | 159  | 131  | 133  | 133  | 133  |
| 2770 | 2723 | 2699 | 2667 | 2669 | 2663 | 2658 | 2654 | 2646 | 2649 | 2644 | 2650 | 2648 | 2648 | 2646 | 2648 | 2655 | 2664 | 2663 | 2664 | 2660 | 2649 | 2665 | 2666 | 2663 | 2669 | 2674 | 2674 | 2674 |

82,731



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## M A Y

[illegible]

98,589

99,809

|                                           | M A Y |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| STREAM                                    | 1     | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   |
| BIG JIMMY CREEK                           | 34    | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 34   | 34   |
| PORTNEUF RIVER INFLOW<br>BELOW POCA TELLO | 497   | 501  | 473  | 475  | 477  | 477  | 477  | 475  | 468  | 467  | 464  | 464  | 464  | 466  | 464  | 465  |
| BIG SPRING CREEK                          | 451   | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  | 451  |
| CLEAR CREEK                               | 130   | 130  | 130  | 130  | 130  | 130  | 130  | 130  | 130  | 130  | 130  | 130  | 130  | 130  | 130  | 130  |
| FORD CREEK                                | 6     | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    |
| KINNEY CREEK                              | 28    | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   |
| WIDE CREEK                                | 70    | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   |
| PYLE SPRINGS                              | 5     | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |
| MC TUCKER SPRINGS                         | 43    | 43   | 43   | 43   | 43   | 43   | 43   | 43   | 43   | 43   | 43   | 43   | 43   | 43   | 43   | 43   |
| HULL SPRINGS                              | 8     | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    |
| TANNER SPRINGS                            | 1     | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| PORTNEUF RIVER<br>AT POCA TELLO           | 384   | 432  | 416  | 391  | 389  | 397  | 373  | 325  | 268  | 252  | 238  | 237  | 241  | 263  | 285  | 285  |
| CRYSTAL DITCH                             | 1     | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| CRYSTAL WASTE                             | 30    | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   |
| DANIELSEN SPRINGS                         | 69    | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   | 69   |
| ARTESIAN SPRINGS                          | 3     | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    |
| STERLING WASTE                            | 10    | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| COLBURN WASTE                             | 4     | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    |
| ABERDEEN WASTE                            | 91    | 95   | 105  | 95   | 89   | 72   | 67   | 43   | 61   | 24   | 27   | 29   | 33   | 63   | 55   | 55   |
| TARTAR WASTE                              | 30    | 34   | 31   | 14   | 17   | 26   | 24   | 18   | 16   | 13   | 13   | 14   | 14   | 14   | 13   | 13   |
| SCHILTZ WASTE                             | 4     | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    |
| CEDAR WASTE                               | 30    | 30   | 2    | 2    | 20   | 20   | 30   | 40   | 20   | 5    | 10   | 5    | 20   | 40   | 40   | 40   |
| ROSS FORK                                 | 85    | 85   | 85   | 85   | 85   | 85   | 85   | 85   | 85   | 85   | 85   | 85   | 85   | 85   | 85   | 85   |
| TRIPLE CREEK                              | 28    | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   |
| BANNOCK CREEK                             | 47    | 47   | 47   | 47   | 47   | 47   | 47   | 47   | 47   | 47   | 47   | 47   | 47   | 47   | 47   | 47   |
| RUEGAR SPRINGS                            | 21    | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   |
| TOTAL MEASURED                            | 2110  | 2170 | 2105 | 2055 | 2070 | 2070 | 2049 | 1979 | 1911 | 1839 | 1830 | 1827 | 1850 | 1924 | 1935 | 1935 |
| UNMEASURED INFLOW                         | 1320  | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 |
| TOTAL INFLOW<br>BLACKFOOT TO NEELEY       | 3430  | 3490 | 3425 | 3375 | 3390 | 3390 | 3369 | 3299 | 3231 | 3159 | 3150 | 3147 | 3170 | 3244 | 3255 | 3255 |
|                                           | 98,58 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| FT. HALL MICHAUD CANAL                    | 23    | 19   | 47   | 45   | 43   | 43   | 43   | 45   | 52   | 53   | 56   | 56   | 56   | 54   | 56   | 56   |
| THEORETICAL INFLOW                        | 3453  | 3509 | 3472 | 3420 | 3433 | 3433 | 3412 | 3344 | 3283 | 3212 | 3206 | 3203 | 3226 | 3298 | 3311 | 3311 |
|                                           | 99,8  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

PLATE NO. 12

| IDE CANAL COMPANY |       |        |        | TWIN FALLS<br>CANAL COMPANY |        |       | MILNER LOW LIFT |        |       | SNAKE RIVER<br>AT MILNER |        |       |
|-------------------|-------|--------|--------|-----------------------------|--------|-------|-----------------|--------|-------|--------------------------|--------|-------|
| MAIN              | TOTAL | STORED | NORMAL | STORED                      | NORMAL | TOTAL | STORED          | NORMAL | TOTAL | STORED                   | NORMAL | TOTAL |
| 2,750             | 3,629 | 0      | 3,629  | 0                           | 3,590  | 3,590 | 89              | 135    | 224   | 23                       | 0      | 23    |
| 2,740             | 3,619 | 0      | 3,619  | 110                         | 3,600  | 3,710 | 101             | 135    | 236   | 20                       | 0      | 20    |
| 2,740             | 3,619 | 0      | 3,619  | 240                         | 3,600  | 3,840 | 115             | 135    | 250   | 18                       | 0      | 18    |
| 2,670             | 3,540 | 0      | 3,540  | 210                         | 3,600  | 3,810 | 123             | 135    | 258   | 17                       | 0      | 17    |
| 2,820             | 3,700 | 0      | 3,700  | 230                         | 3,600  | 3,830 | 125             | 135    | 260   | 20                       | 0      | 20    |
| 2,900             | 3,780 | 0      | 3,780  | 140                         | 3,600  | 3,740 | 125             | 135    | 260   | 22                       | 0      | 22    |
| 2,920             | 3,806 | 0      | 3,806  | 140                         | 3,600  | 3,740 | 125             | 135    | 260   | 22                       | 0      | 22    |
| 2,960             | 3,836 | 0      | 3,836  | 150                         | 3,600  | 3,750 | 130             | 135    | 265   | 21                       | 0      | 21    |
| 2,960             | 3,836 | 0      | 3,836  | 210                         | 3,600  | 3,810 | 132             | 135    | 267   | 19                       | 0      | 19    |
| 2,990             | 3,956 | 0      | 3,956  | 240                         | 3,600  | 3,840 | 138             | 135    | 273   | 16                       | 0      | 16    |
| 3,020             | 4,066 | 0      | 4,066  | 230                         | 3,600  | 3,830 | 141             | 135    | 276   | 17                       | 0      | 17    |
| 3,020             | 4,066 | 0      | 4,066  | 280                         | 3,600  | 3,880 | 141             | 135    | 276   | 226                      | 0      | 226   |
| 3,020             | 4,071 | 3,671  | 400    | 890                         | 3,000  | 3,890 | 281             | 0      | 281   | 563                      | 0      | 563   |
| 3,020             | 4,083 | 3,683  | 400    | 930                         | 3,000  | 3,930 | 283             | 0      | 283   | 563                      | 0      | 563   |
| 3,020             | 4,083 | 3,683  | 400    | 930                         | 3,000  | 3,930 | 283             | 0      | 283   | 563                      | 0      | 563   |
| 3,020             | 4,093 | 3,693  | 400    | 920                         | 3,000  | 3,920 | 283             | 0      | 283   | 563                      | 0      | 563   |
| 3,020             | 4,093 | 2,392  | 1,701  | 910                         | 3,000  | 3,910 | 283             | 0      | 283   | 559                      | 0      | 559   |
| 3,040             | 4,123 | 2,367  | 1,756  | 920                         | 3,000  | 3,920 | 283             | 0      | 283   | 330                      | 0      | 330   |
| 3,040             | 4,133 | 2,527  | 1,606  | 920                         | 3,000  | 3,920 | 283             | 0      | 283   | 230                      | 0      | 230   |
| 3,040             | 4,093 | 2,676  | 1,417  | 900                         | 3,000  | 3,900 | 283             | 0      | 283   | 230                      | 0      | 230   |
| 3,030             | 4,084 | 2,960  | 1,124  | 920                         | 3,000  | 3,920 | 284             | 0      | 284   | 244                      | 0      | 244   |
| 3,010             | 4,063 | 2,771  | 1,292  | 920                         | 3,000  | 3,920 | 269             | 0      | 269   | 249                      | 0      | 249   |
| 3,050             | 4,103 | 3,485  | 618    | 930                         | 3,000  | 3,930 | 287             | 0      | 287   | 254                      | 0      | 254   |
| 3,030             | 4,084 | 3,684  | 400    | 920                         | 3,000  | 3,920 | 289             | 0      | 289   | 254                      | 0      | 254   |
| 3,000             | 4,054 | 3,654  | 400    | 920                         | 3,000  | 3,920 | 290             | 0      | 290   | 252                      | 0      | 252   |
| 3,050             | 4,104 | 3,704  | 400    | 910                         | 3,000  | 3,910 | 292             | 0      | 292   | 252                      | 0      | 252   |
| 3,040             | 4,094 | 3,694  | 400    | 910                         | 3,000  | 3,910 | 287             | 0      | 287   | 252                      | 0      | 252   |
| 3,040             | 4,093 | 3,711  | 382    | 1,042                       | 2,868  | 3,910 | 285             | 0      | 285   | 252                      | 0      | 252   |
| 3,040             | 4,093 | 3,700  | 393    | 962                         | 2,948  | 3,910 | 285             | 0      | 285   | 237                      | 0      | 237   |
| 3,060             | 4,115 | 3,777  | 338    | 1,364                       | 2,536  | 3,900 | 285             | 0      | 285   | 244                      | 0      | 244   |
| 3,060             | 4,115 | 3,777  | 338    | 1,357                       | 2,533  | 3,890 | 278             | 0      | 278   | 252                      | 0      | 252   |
| 3,060             | 4,115 | 3,778  | 337    | 1,364                       | 2,526  | 3,890 | 262             | 0      | 262   | 254                      | 0      | 254   |
| 3,080             | 4,144 | 3,808  | 336    | 1,362                       | 2,518  | 3,880 | 258             | 0      | 258   | 259                      | 0      | 259   |
| 3,080             | 4,144 | 3,806  | 338    | 1,329                       | 2,531  | 3,860 | 258             | 0      | 258   | 266                      | 0      | 266   |
| 3,060             | 4,114 | 3,776  | 338    | 1,326                       | 2,534  | 3,860 | 258             | 0      | 258   | 259                      | 0      | 259   |
| 3,040             | 4,104 | 3,767  | 337    | 1,332                       | 2,528  | 3,860 | 261             | 0      | 261   | 266                      | 0      | 266   |
| 3,000             | 4,064 | 3,727  | 337    | 1,331                       | 2,529  | 3,860 | 252             | 0      | 252   | 261                      | 0      | 261   |
| 3,020             | 4,084 | 3,748  | 336    | 1,342                       | 2,518  | 3,860 | 252             | 0      | 252   | 259                      | 0      | 259   |
| 3,010             | 4,074 | 3,734  | 340    | 1,276                       | 2,544  | 3,820 | 240             | 0      | 240   | 261                      | 0      | 261   |
| 3,020             | 4,083 | 3,741  | 342    | 1,196                       | 2,564  | 3,760 | 235             | 0      | 235   | 259                      | 0      | 259   |
| 2,980             | 4,043 | 3,696  | 347    | 1,143                       | 2,597  | 3,740 | 217             | 0      | 217   | 259                      | 0      | 259   |
| 2,920             | 3,983 | 3,629  | 354    | 1,071                       | 2,659  | 3,730 | 209             | 0      | 209   | 259                      | 0      | 259   |
| 2,900             | 3,952 | 3,594  | 358    | 1,045                       | 2,685  | 3,730 | 219             | 0      | 219   | 264                      | 0      | 264   |
| 2,920             | 3,972 | 3,618  | 354    | 1,099                       | 2,661  | 3,760 | 231             | 0      | 231   | 261                      | 0      | 261   |
| 2,920             | 3,960 | 3,607  | 353    | 1,143                       | 2,647  | 3,790 | 243             | 0      | 243   | 259                      | 0      | 259   |
| 2,910             | 3,948 | 3,596  | 352    | 1,198                       | 2,632  | 3,830 | 243             | 0      | 243   | 256                      | 0      | 256   |
| 2,900             | 3,928 | 3,578  | 350    | 1,210                       | 2,620  | 3,830 | 230             | 0      | 230   | 256                      | 0      | 256   |
| 2,900             | 3,930 | 3,569  | 361    | 1,127                       | 2,703  | 3,830 | 227             | 0      | 227   | 256                      | 0      | 256   |



1968

| DATE | SNAKE RIVER<br>NEAR MINIDOKA |        |        | DATE    | MILNER<br>LAKE<br>GAGE<br>FEET | MINIDOKA<br>NORTH SIDE<br>PUMP<br>STORED | MINOR<br>DIVERSIONS<br>NEELEY<br>TO MILNER<br>STORED | GOODING PROJECT |        |       | NORTH SIDE CANALS |         |       |       |
|------|------------------------------|--------|--------|---------|--------------------------------|------------------------------------------|------------------------------------------------------|-----------------|--------|-------|-------------------|---------|-------|-------|
|      | STORED                       | NORMAL | TOTAL  |         |                                |                                          |                                                      | STORED          | NORMAL | TOTAL | P. A.             | GOODING | MAIN  | TOTAL |
| 726  | 3,496                        | 8,204  | 11,700 | JUNE 26 | 11.13                          | 222                                      | 10                                                   | 780             | 850    | 1,630 | 59                | 820     | 2,750 | 3,570 |
| 726  | 4,296                        | 8,204  | 12,500 | 27      | 10.92                          | 236                                      | 10                                                   | 780             | 850    | 1,630 | 59                | 820     | 2,740 | 3,560 |
| 726  | 5,196                        | 8,204  | 13,400 | 28      | 10.69                          | 243                                      | 10                                                   | 780             | 850    | 1,630 | 59                | 820     | 2,740 | 3,560 |
| 726  | 6,275                        | 8,125  | 14,400 | 29      | 10.34                          | 238                                      | 10                                                   | 760             | 850    | 1,610 | 60                | 810     | 2,670 | 3,480 |
| 726  | 6,515                        | 8,285  | 14,800 | 30      | 10.92                          | 238                                      | 10                                                   | 780             | 850    | 1,630 | 60                | 820     | 2,820 | 3,640 |
| 726  | 5,235                        | 8,365  | 13,600 | JULY 1  | 11.00                          | 230                                      | 10                                                   | 780             | 850    | 1,630 | 60                | 820     | 2,900 | 3,720 |
| 726  | 3,109                        | 8,391  | 11,500 | 2       | 10.98                          | 230                                      | 10                                                   | 770             | 850    | 1,620 | 66                | 820     | 2,920 | 3,740 |
| 726  | 2,179                        | 8,421  | 10,600 | 3       | 10.87                          | 234                                      | 10                                                   | 770             | 850    | 1,620 | 66                | 810     | 2,960 | 3,770 |
| 726  | 2,479                        | 8,421  | 10,900 | 4       | 10.83                          | 234                                      | 10                                                   | 770             | 850    | 1,620 | 66                | 810     | 2,960 | 3,770 |
| 726  | 2,459                        | 8,541  | 11,000 | 5       | 10.85                          | 239                                      | 10                                                   | 770             | 850    | 1,620 | 66                | 900     | 2,990 | 3,890 |
| 726  | 2,349                        | 8,651  | 11,000 | 6       | 10.94                          | 246                                      | 10                                                   | 770             | 850    | 1,620 | 66                | 980     | 3,020 | 4,000 |
| 726  | 2,649                        | 8,651  | 11,300 | 7       | 11.09                          | 246                                      | 10                                                   | 780             | 850    | 1,630 | 66                | 980     | 3,020 | 4,000 |
| 726  | 8,500                        | 3,400  | 11,900 | 8       | 10.98                          | 251                                      | 10                                                   | 1,620           | 0      | 1,620 | 71                | 980     | 3,020 | 4,000 |
| 726  | 9,200                        | 3,400  | 12,600 | 9       | 11.00                          | 251                                      | 10                                                   | 1,630           | 0      | 1,630 | 73                | 990     | 3,020 | 4,010 |
| 726  | 9,800                        | 3,400  | 13,200 | 10      | 11.00                          | 252                                      | 10                                                   | 1,620           | 0      | 1,620 | 73                | 930     | 3,020 | 4,000 |
| 726  | 9,200                        | 3,400  | 12,600 | 11      | 10.96                          | 252                                      | 10                                                   | 1,630           | 0      | 1,630 | 73                | 1,000   | 3,020 | 4,020 |
| 726  | 4,839                        | 4,701  | 9,540  | 12      | 10.88                          | 253                                      | 10                                                   | 1,620           | 0      | 1,620 | 73                | 1,000   | 3,020 | 4,020 |
| 726  | 4,664                        | 4,756  | 9,420  | 13      | 10.92                          | 253                                      | 10                                                   | 1,630           | 0      | 1,630 | 73                | 1,010   | 3,040 | 4,050 |
| 726  | 5,594                        | 4,606  | 10,200 | 14      | 11.07                          | 254                                      | 10                                                   | 1,630           | 0      | 1,630 | 73                | 1,020   | 3,040 | 4,060 |
| 726  | 5,983                        | 4,417  | 10,400 | 15      | 11.12                          | 254                                      | 10                                                   | 1,630           | 0      | 1,630 | 73                | 980     | 3,040 | 4,020 |
| 726  | 6,076                        | 4,124  | 10,200 | 16      | 11.05                          | 254                                      | 10                                                   | 1,620           | 0      | 1,620 | 74                | 980     | 3,030 | 4,010 |
| 726  | 5,698                        | 4,292  | 9,990  | 17      | 10.90                          | 253                                      | 10                                                   | 1,620           | 0      | 1,620 | 73                | 980     | 3,010 | 4,000 |
| 726  | 6,682                        | 3,618  | 10,300 | 18      | 11.03                          | 252                                      | 10                                                   | 1,620           | 0      | 1,620 | 73                | 980     | 3,050 | 4,030 |
| 726  | 6,900                        | 3,400  | 10,300 | 19      | 11.02                          | 242                                      | 10                                                   | 1,620           | 0      | 1,620 | 74                | 980     | 3,030 | 4,010 |
| 726  | 6,800                        | 3,400  | 10,200 | 20      | 10.82                          | 247                                      | 10                                                   | 1,620           | 0      | 1,620 | 74                | 980     | 3,000 | 4,000 |
| 726  | 6,800                        | 3,400  | 10,200 | 21      | 10.94                          | 246                                      | 10                                                   | 1,620           | 0      | 1,620 | 74                | 980     | 3,050 | 4,030 |
| 726  | 6,800                        | 3,400  | 10,200 | 22      | 10.90                          | 252                                      | 10                                                   | 1,630           | 0      | 1,630 | 74                | 980     | 3,040 | 4,020 |
| 726  | 7,050                        | 3,250  | 10,300 | 23      | 10.89                          | 244                                      | 10                                                   | 1,630           | 0      | 1,630 | 73                | 980     | 3,040 | 4,020 |
| 726  | 6,859                        | 3,341  | 10,200 | 24      | 10.89                          | 252                                      | 10                                                   | 1,640           | 0      | 1,640 | 73                | 980     | 3,040 | 4,020 |
| 726  | 7,226                        | 2,874  | 10,100 | 25      | 10.93                          | 244                                      | 10                                                   | 1,640           | 0      | 1,640 | 75                | 980     | 3,060 | 4,040 |
| 726  | 7,229                        | 2,871  | 10,100 | 26      | 10.97                          | 246                                      | 10                                                   | 1,640           | 0      | 1,640 | 75                | 980     | 3,060 | 4,040 |
| 726  | 7,237                        | 2,863  | 10,100 | 27      | 11.00                          | 226                                      | 10                                                   | 1,650           | 0      | 1,650 | 75                | 980     | 3,060 | 4,040 |
| 726  | 7,346                        | 2,854  | 10,200 | 28      | 11.13                          | 226                                      | 10                                                   | 1,650           | 0      | 1,650 | 74                | 990     | 3,080 | 4,070 |
| 726  | 6,991                        | 2,869  | 9,860  | 29      | 11.19                          | 219                                      | 10                                                   | 1,650           | 0      | 1,650 | 74                | 990     | 3,080 | 4,070 |
| 726  | 7,018                        | 2,872  | 9,890  | 30      | 10.83                          | 209                                      | 10                                                   | 1,650           | 0      | 1,650 | 74                | 980     | 3,060 | 4,040 |
| 726  | 7,065                        | 2,865  | 9,930  | 31      | 11.17                          | 209                                      | 10                                                   | 1,660           | 0      | 1,660 | 74                | 990     | 3,040 | 4,030 |
| 726  | 6,964                        | 2,866  | 9,830  | AUG 1   | 11.03                          | 204                                      | 10                                                   | 1,660           | 0      | 1,660 | 74                | 990     | 3,000 | 4,000 |
| 726  | 6,756                        | 2,854  | 9,610  | 2       | 11.00                          | 204                                      | 10                                                   | 1,650           | 0      | 1,650 | 74                | 990     | 3,020 | 4,010 |
| 726  | 6,566                        | 2,884  | 9,450  | 3       | 11.00                          | 201                                      | 10                                                   | 1,650           | 0      | 1,650 | 74                | 990     | 3,010 | 4,000 |
| 726  | 6,514                        | 2,906  | 9,420  | 4       | 11.01                          | 201                                      | 10                                                   | 1,650           | 0      | 1,650 | 73                | 990     | 3,020 | 4,010 |
| 726  | 6,506                        | 2,944  | 9,450  | 5       | 11.04                          | 201                                      | 10                                                   | 1,650           | 0      | 1,650 | 73                | 990     | 2,980 | 4,000 |
| 726  | 6,687                        | 3,013  | 9,700  | 6       | 11.06                          | 186                                      | 10                                                   | 1,650           | 0      | 1,650 | 73                | 990     | 2,920 | 3,910 |
| 726  | 6,687                        | 3,043  | 9,730  | 7       | 11.06                          | 197                                      | 10                                                   | 1,650           | 0      | 1,650 | 72                | 980     | 2,900 | 3,880 |
| 726  | 6,785                        | 3,015  | 9,800  | 8       | 10.97                          | 189                                      | 10                                                   | 1,630           | 0      | 1,630 | 72                | 980     | 2,920 | 3,900 |
| 726  | 6,570                        | 3,000  | 9,570  | 9       | 10.84                          | 204                                      | 10                                                   | 1,610           | 0      | 1,610 | 70                | 970     | 2,920 | 3,890 |
| 726  | 6,376                        | 2,984  | 9,360  | 10      | 10.84                          | 199                                      | 10                                                   | 1,620           | 0      | 1,620 | 68                | 970     | 2,910 | 3,880 |
| 726  | 6,230                        | 2,970  | 9,200  | 11      | 10.76                          | 199                                      | 10                                                   | 1,620           | 0      | 1,620 | 68                | 960     | 2,900 | 3,860 |
| 726  | 6,196                        | 3,064  | 9,260  | 12      | 10.82                          | 199                                      | 10                                                   | 1,620           | 0      | 1,620 | 70                | 960     | 2,900 | 3,860 |



# IVER GAGING STATIONS

| NEELEY<br>STORED<br>VERSIONS | DATE    | AMERICAN FALLS<br>RESERVOIR<br>CONTENTS<br>THOUSANDS OF<br>ACRE-Feet | SNAKE RIVER<br>AT NEELEY |        |        | LAKE<br>WALCOTT<br>CONTENTS<br>ACRE-Feet | MINIDOKA CANALS |       |       |        |        | SNAKE<br>NEAR |        |
|------------------------------|---------|----------------------------------------------------------------------|--------------------------|--------|--------|------------------------------------------|-----------------|-------|-------|--------|--------|---------------|--------|
|                              |         |                                                                      | STORED                   | NORMAL | TOTAL  |                                          | NORTH           | SOUTH | TOTAL | STORED | NORMAL | STORED        | NORMAL |
|                              | JUNE 25 | 1,680                                                                | 1,870                    | 10,930 | 12,800 | 93,090                                   | 1,650           | 1,390 | 3,040 | 314    | 2,726  | 3,496         |        |
|                              | 26      | 1,671                                                                | 1,670                    | 10,930 | 12,600 | 94,250                                   | 1,670           | 1,420 | 3,090 | 364    | 2,726  | 4,296         |        |
| 244                          | 27      | 1,658                                                                | 1,670                    | 10,930 | 12,600 | 94,250                                   | 1,810           | 1,440 | 3,250 | 524    | 2,726  | 5,196         |        |
| 275                          | 28      | 1,654                                                                | 1,849                    | 10,851 | 12,700 | 93,790                                   | 1,860           | 1,470 | 3,330 | 604    | 2,726  | 6,275         |        |
| 278                          | 29      | 1,646                                                                | 1,889                    | 11,011 | 12,900 | 93,320                                   | 1,850           | 1,460 | 3,310 | 584    | 2,726  | 6,515         |        |
| 270                          | 30      | 1,637                                                                | 1,709                    | 11,091 | 12,800 | 94,490                                   | 1,850           | 1,460 | 3,310 | 584    | 2,726  | 5,235         |        |
| 278                          | JULY 1  | 1,629                                                                | 1,483                    | 11,117 | 12,600 | 94,950                                   | 1,860           | 1,460 | 3,320 | 594    | 2,726  | 3,109         |        |
| 289                          | 2       | 1,619                                                                | 1,353                    | 11,147 | 12,500 | 95,180                                   | 1,850           | 1,460 | 3,310 | 584    | 2,726  | 2,179         |        |
| 290                          | 3       | 1,606                                                                | 1,853                    | 11,147 | 13,000 | 94,720                                   | 1,850           | 1,450 | 3,300 | 574    | 2,726  | 2,479         |        |
| 272                          | 4       | 1,588                                                                | 1,933                    | 11,267 | 13,200 | 95,430                                   | 1,860           | 1,420 | 3,280 | 554    | 2,726  | 2,459         |        |
| 233                          | 5       | 1,572                                                                | 1,923                    | 11,377 | 13,300 | 95,310                                   | 1,860           | 1,420 | 3,280 | 554    | 2,726  | 2,349         |        |
| 309                          | 6       | 1,554                                                                | 2,323                    | 11,377 | 13,700 | 95,180                                   | 1,860           | 1,440 | 3,300 | 574    | 2,726  | 2,649         |        |
| 283                          | 7       | 1,533                                                                | 7,474                    | 6,126  | 13,600 | 94,950                                   | 1,860           | 1,470 | 3,330 | 604    | 2,726  | 8,500         |        |
| 296                          | 8       | 1,513                                                                | 8,774                    | 5,126  | 13,900 | 94,600                                   | 1,860           | 1,440 | 3,300 | 1,574  | 1,726  | 9,200         |        |
| 310                          | 9       | 1,488                                                                | 8,974                    | 5,126  | 14,100 | 94,140                                   | 1,860           | 1,430 | 3,290 | 1,564  | 1,726  | 9,800         |        |
| 313                          | 10      | 1,468                                                                | 10,025                   | 3,975  | 14,000 | 94,720                                   | 1,870           | 1,430 | 3,300 | 2,725  | 575    | 9,200         |        |
| 300                          | 11      | 1,446                                                                | 7,473                    | 6,427  | 13,900 | 94,720                                   | 1,870           | 1,450 | 3,320 | 1,594  | 1,726  | 4,839         |        |
| 308                          | 12      | 1,428                                                                | 7,518                    | 6,482  | 14,000 | 94,950                                   | 1,870           | 1,460 | 3,330 | 1,604  | 1,726  | 4,664         |        |
| 300                          | 13      | 1,406                                                                | 7,668                    | 6,332  | 14,000 | 94,950                                   | 1,860           | 1,450 | 3,310 | 1,584  | 1,726  | 5,594         |        |
| 297                          | 14      | 1,386                                                                | 7,703                    | 6,197  | 13,900 | 96,150                                   | 1,820           | 1,450 | 3,270 | 1,544  | 1,726  | 5,983         |        |
| 270                          | 15      | 1,363                                                                | 7,850                    | 5,850  | 13,700 | 97,590                                   | 1,740           | 1,440 | 3,180 | 1,454  | 1,726  | 6,076         |        |
| 270                          | 16      | 1,340                                                                | 7,482                    | 6,018  | 13,500 | 98,560                                   | 1,690           | 1,430 | 3,120 | 1,394  | 1,726  | 5,698         |        |
| 271                          | 17      | 1,322                                                                | 8,056                    | 5,344  | 13,400 | 97,350                                   | 1,840           | 1,430 | 3,270 | 1,544  | 1,726  | 6,682         |        |
| 283                          | 18      | 1,303                                                                | 8,308                    | 4,892  | 13,200 | 98,320                                   | 1,880           | 1,430 | 3,310 | 1,818  | 1,492  | 6,900         |        |
| 282                          | 19      | 1,280                                                                | 8,064                    | 4,836  | 12,900 | 97,840                                   | 1,880           | 1,420 | 3,300 | 1,864  | 1,436  | 6,800         |        |
| 279                          | 20      | 1,263                                                                | 8,892                    | 4,108  | 13,000 | 95,430                                   | 1,870           | 1,440 | 3,310 | 2,602  | 708    | 6,800         |        |
| 255                          | 21      | 1,244                                                                | 9,089                    | 3,911  | 13,000 | 95,670                                   | 1,880           | 1,430 | 3,310 | 2,799  | 511    | 6,800         |        |
| 251                          | 22      | 1,225                                                                | 9,750                    | 3,250  | 13,000 | 94,490                                   | 1,880           | 1,410 | 3,290 | 3,290  | 0      | 7,050         |        |
| 279                          | 23      | 1,207                                                                | 9,859                    | 3,341  | 13,200 | 93,790                                   | 1,880           | 1,400 | 3,280 | 3,280  | 0      | 6,859         |        |
| 279                          | 24      | 1,188                                                                | 10,526                   | 2,874  | 13,400 | 94,020                                   | 1,890           | 1,380 | 3,270 | 3,270  | 0      | 7,226         |        |
| 262                          | 25      | 1,165                                                                | 10,629                   | 2,871  | 13,500 | 93,790                                   | 1,860           | 1,370 | 3,230 | 3,230  | 0      | 7,229         |        |
| 270                          | 26      | 1,149                                                                | 10,537                   | 2,863  | 13,400 | 93,670                                   | 1,780           | 1,390 | 3,170 | 3,170  | 0      | 7,237         |        |
| 267                          | 27      | 1,128                                                                | 10,546                   | 2,854  | 13,400 | 94,140                                   | 1,690           | 1,410 | 3,100 | 3,100  | 0      | 7,346         |        |
| 239                          | 28      | 1,108                                                                | 10,531                   | 2,869  | 13,400 | 94,490                                   | 1,560           | 1,410 | 2,970 | 2,970  | 0      | 6,991         |        |
| 242                          | 29      | 1,085                                                                | 10,228                   | 2,872  | 13,100 | 94,490                                   | 1,560           | 1,420 | 2,980 | 2,980  | 0      | 7,018         |        |
| 243                          | 30      | 1,067                                                                | 10,135                   | 2,865  | 13,000 | 93,790                                   | 1,580           | 1,410 | 2,990 | 2,990  | 0      | 7,065         |        |
| 251                          | 31      | 1,049                                                                | 10,134                   | 2,866  | 13,000 | 94,250                                   | 1,580           | 1,390 | 2,970 | 2,970  | 0      | 6,964         |        |
| 256                          | AUG 1   | 1,030                                                                | 10,146                   | 2,854  | 13,000 | 94,490                                   | 1,590           | 1,350 | 2,940 | 2,940  | 0      | 6,756         |        |
| 258                          | 2       | 1,015                                                                | 10,016                   | 2,884  | 12,900 | 94,720                                   | 1,570           | 1,290 | 2,860 | 2,860  | 0      | 6,566         |        |
| 253                          | 3       | 999                                                                  | 9,694                    | 2,906  | 12,600 | 95,310                                   | 1,480           | 1,290 | 2,770 | 2,770  | 0      | 6,514         |        |
| 232                          | 4       | 981                                                                  | 9,556                    | 2,944  | 12,500 | 94,490                                   | 1,470           | 1,270 | 2,740 | 2,740  | 0      | 6,506         |        |
| 229                          | 5       | 967                                                                  | 9,387                    | 3,013  | 12,400 | 94,600                                   | 1,480           | 1,210 | 2,690 | 2,690  | 0      | 6,687         |        |
| 227                          | 6       | 953                                                                  | 9,357                    | 3,043  | 12,400 | 94,720                                   | 1,510           | 1,200 | 2,710 | 2,710  | 0      | 6,687         |        |
| 229                          | 7       | 939                                                                  | 9,185                    | 3,015  | 12,200 | 94,950                                   | 1,510           | 1,220 | 2,730 | 2,730  | 0      | 6,785         |        |
| 226                          | 8       | 922                                                                  | 9,100                    | 3,000  | 12,100 | 94,250                                   | 1,560           | 1,260 | 2,820 | 2,820  | 0      | 6,570         |        |
| 226                          | 9       | 909                                                                  | 9,216                    | 2,984  | 12,200 | 93,900                                   | 1,570           | 1,300 | 2,870 | 2,870  | 0      | 6,376         |        |
| 214                          | 10      | 892                                                                  | 9,430                    | 2,970  | 12,400 | 93,550                                   | 1,600           | 1,270 | 2,870 | 2,870  | 0      | 6,230         |        |
| 207                          | 11      | 875                                                                  | 9,536                    | 3,064  | 12,600 | 93,200                                   | 1,610           | 1,230 | 2,840 | 2,840  | 0      | 6,196         |        |

# AND BETWEEN SNAKE RIVER G

24 HOUR SECOND- FEET EXCEPT AS NOTED

| SHELLEY TO BLACKFOOT |                      | THEORETICAL<br>BALANCE OF<br>STORAGE AT<br>BLACKFOOT | DATE    | BLACKFOOT<br>RIVER | SNAKE RIVER<br>NEAR BLACKFOOT |        |       | BLACKFOOT TO NEELEY   |                      | DATE    | AMERICAN<br>RESERVOIR<br>CONTENTS<br>THOUSANDS<br>ACRE- FEET |
|----------------------|----------------------|------------------------------------------------------|---------|--------------------|-------------------------------|--------|-------|-----------------------|----------------------|---------|--------------------------------------------------------------|
| STORED<br>LOSS       | STORED<br>DIVERSIONS |                                                      |         |                    | STORED                        | NORMAL | TOTAL | CALCULATED<br>IN FLOW | STORED<br>DIVERSIONS |         |                                                              |
|                      |                      |                                                      | JUNE 24 |                    |                               |        |       |                       |                      | JUNE 25 | 1,680                                                        |
|                      |                      |                                                      | 25      |                    |                               |        |       |                       |                      | 26      | 1,671                                                        |
|                      |                      |                                                      | 26      |                    |                               |        |       |                       | 244                  | 27      | 1,658                                                        |
|                      |                      |                                                      | 27      |                    |                               |        |       |                       | 275                  | 28      | 1,654                                                        |
|                      |                      |                                                      | 28      |                    |                               |        |       |                       | 278                  | 29      | 1,648                                                        |
|                      |                      |                                                      | 29      |                    |                               |        |       |                       | 270                  | 30      | 1,637                                                        |
|                      |                      |                                                      | 30      |                    |                               |        |       |                       | 278                  | JULY 1  | 1,628                                                        |
|                      |                      |                                                      | JULY 1  | 177                |                               |        |       | 2,773                 | 289                  | 2       | 1,619                                                        |
|                      |                      |                                                      | 2       | 180                |                               |        |       | 2,770                 | 290                  | 3       | 1,608                                                        |
|                      |                      |                                                      | 3       | 172                |                               |        |       | 2,723                 | 272                  | 4       | 1,588                                                        |
|                      |                      |                                                      | 4       | 111                |                               |        |       | 2,699                 | 233                  | 5       | 1,572                                                        |
|                      |                      |                                                      | 5       | 104                |                               |        |       | 2,667                 | 309                  | 6       | 1,554                                                        |
|                      |                      |                                                      | 6       | 110                |                               |        |       | 2,669                 | 288                  | 7       | 1,533                                                        |
|                      |                      |                                                      | 7       | 114                |                               |        |       | 2,663                 | 286                  | 8       | 1,513                                                        |
|                      |                      |                                                      | 8       | 79                 |                               |        | 979   | 2,658                 | 310                  | 9       | 1,488                                                        |
| - 18                 | 444                  | - 724                                                | 9       | 20                 | - 724                         | 1,321  | 597   | 2,654                 | 313                  | 10      | 1,468                                                        |
| - 192                | 364                  | - 3,257                                              | 10      | 15                 | - 3,257                       | 3,781  | 524   | 2,646                 | 300                  | 11      | 1,448                                                        |
| - 162                | 632                  | - 3,138                                              | 11      | 16                 | - 3,138                       | 3,833  | 695   | 2,649                 | 306                  | 12      | 1,428                                                        |
| - 140                | 711                  | - 2,894                                              | 12      | 14                 | - 2,894                       | 3,688  | 794   | 2,644                 | 300                  | 13      | 1,408                                                        |
| - 133                | 731                  | - 2,550                                              | 13      | 12                 | - 2,550                       | 3,547  | 997   | 2,650                 | 297                  | 14      | 1,388                                                        |
| - 104                | 637                  | - 2,102                                              | 14      | 13                 | - 2,102                       | 3,202  | 1,100 | 2,648                 | 270                  | 15      | 1,363                                                        |
| - 81                 | 641                  | - 2,050                                              | 15      | 11                 | - 2,050                       | 3,370  | 1,320 | 2,648                 | 270                  | 16      | 1,340                                                        |
| - 69                 | 671                  | - 1,668                                              | 16      | 24                 | - 1,668                       | 2,698  | 1,030 | 2,646                 | 271                  | 17      | 1,322                                                        |
| - 52                 | 594                  | - 1,490                                              | 17      | 37                 | - 1,490                       | 2,244  | 754   | 2,648                 | 283                  | 18      | 1,303                                                        |
| - 48                 | 607                  | - 1,479                                              | 18      | 28                 | - 1,479                       | 2,181  | 702   | 2,655                 | 282                  | 19      | 1,280                                                        |
| - 12                 | 601                  | - 791                                                | 19      | 33                 | - 791                         | 1,444  | 653   | 2,664                 | 279                  | 20      | 1,263                                                        |
| - 3                  | 582                  | - 540                                                | 20      | 51                 | - 539                         | 1,248  | 709   | 2,663                 | 255                  | 21      | 1,244                                                        |
| 30                   | 564                  | 464                                                  | 21      | 56                 | 464                           | 586    | 1,050 | 2,664                 | 251                  | 22      | 1,225                                                        |
| 64                   | 664                  | 999                                                  | 22      | 67                 | 999                           | 681    | 1,680 | 2,660                 | 279                  | 23      | 1,207                                                        |
| 111                  | 276                  | 1,744                                                | 23      | 45                 | 825                           | 223    | 1,050 | 2,649                 | 279                  | 24      | 1,188                                                        |
| 101                  | 617                  | 1,583                                                | 24      | 26                 | 412                           | 206    | 618   | 2,665                 | 262                  | 25      | 1,165                                                        |
| 112                  | 489                  | 1,751                                                | 25      | 17                 | 279                           | 197    | 476   | 2,666                 | 270                  | 26      | 1,149                                                        |
| 59                   | 500                  | 932                                                  | 26      | 11                 | 208                           | 191    | 399   | 2,663                 | 267                  | 27      | 1,128                                                        |
| 59                   | 507                  | 930                                                  | 27      | 20                 | 300                           | 200    | 500   | 2,669                 | 239                  | 28      | 1,108                                                        |
| 72                   | 608                  | 1,135                                                | 28      | 18                 | 392                           | 198    | 590   | 2,674                 | 242                  | 29      | 1,085                                                        |
| 94                   | 650                  | 1,479                                                | 29      | 20                 | 900                           | 200    | 1,100 | 2,665                 | 243                  | 30      | 1,067                                                        |
| 112                  | 667                  | 1,763                                                | 30      | 21                 | 1,159                         | 201    | 1,360 | 2,665                 | 251                  | 31      | 1,049                                                        |
| 103                  | 641                  | 1,621                                                | 31      | 20                 | 1,150                         | 200    | 1,350 | 2,654                 | 256                  | AUG 1   | 1,030                                                        |
| 56                   | 636                  | 881                                                  | AUG 1   | 28                 | 1,042                         | 208    | 1,250 | 2,676                 | 258                  | 2       | 1,015                                                        |
| 104                  | 575                  | 1,627                                                | 2       | 46                 | 1,004                         | 226    | 1,230 | 2,680                 | 253                  | 3       | 999                                                          |
| 71                   | 1,453                | 1,118                                                | 3       | 81                 | 1,209                         | 261    | 1,470 | 2,683                 | 232                  | 4       | 981                                                          |
| 86                   | 1,404                | 1,351                                                | 4       | 140                | 1,680                         | 320    | 2,000 | 2,693                 | 229                  | 5       | 967                                                          |
| 103                  | 1,315                | 1,613                                                | 5       | 167                | 2,393                         | 347    | 2,740 | 2,696                 | 227                  | 6       | 953                                                          |
| 128                  | 1,149                | 2,007                                                | 6       | 144                | 2,446                         | 324    | 2,770 | 2,691                 | 229                  | 7       | 939                                                          |
| 76                   | 1,075                | 1,182                                                | 7       | 123                | 1,377                         | 303    | 1,680 | 2,697                 | 226                  | 8       | 922                                                          |
| 55                   | 1,443                | 865                                                  | 8       | 99                 | 991                           | 279    | 1,270 | 2,705                 | 226                  | 9       | 909                                                          |
| 53                   | 1,536                | 825                                                  | 9       | 60                 | 980                           | 240    | 1,220 | 2,730                 | 214                  | 10      | 892                                                          |
| 58                   | 1,543                | 917                                                  | 10      | 134                | 1,256                         | 314    | 1,570 | 2,750                 | 207                  | 11      | 875                                                          |



# DAILY SEGREGATION OF DATA

| SNAKE RIVER<br>NEAR IRWIN |        |        | IRWIN TO HEISE |                      | HEISE & RILEY |        |        | STORED<br>INFLOW | HEISE TO SHELLEY |                      | DATE    | S N<br>NEAR<br>STORED |
|---------------------------|--------|--------|----------------|----------------------|---------------|--------|--------|------------------|------------------|----------------------|---------|-----------------------|
| STORED                    | NORMAL | TOTAL  | STORED<br>LOSS | STORED<br>DIVERSIONS | STORED        | NORMAL | TOTAL  | HENRYS FORK      | STORED<br>LOSS   | STORED<br>DIVERSIONS |         |                       |
|                           |        | 16,700 |                |                      |               |        |        |                  |                  |                      | JUNE 23 |                       |
|                           |        | 16,100 |                |                      |               |        |        |                  |                  |                      | 24      |                       |
|                           |        | 15,100 |                |                      |               |        |        |                  |                  |                      | 25      |                       |
|                           |        | 14,200 |                |                      |               |        |        |                  |                  |                      | 26      |                       |
|                           |        | 14,200 |                |                      |               |        |        |                  |                  |                      | 27      |                       |
|                           |        | 13,600 |                |                      |               |        |        |                  |                  |                      | 28      |                       |
|                           |        | 12,500 |                |                      |               |        |        |                  |                  |                      | 29      |                       |
|                           |        | 12,200 |                |                      |               |        |        |                  |                  |                      | 30      |                       |
|                           |        | 12,100 |                |                      |               |        |        |                  |                  |                      | JULY 1  |                       |
|                           |        | 11,900 |                |                      |               |        |        |                  |                  |                      | 2       |                       |
|                           |        | 11,100 |                |                      |               |        |        |                  |                  |                      | 3       |                       |
|                           |        | 10,700 |                |                      |               |        |        |                  |                  |                      | 4       |                       |
|                           |        | 10,800 |                |                      |               |        |        |                  |                  |                      | 5       |                       |
|                           |        | 11,100 |                |                      |               |        |        | 11,931           |                  |                      | 6       |                       |
|                           |        | 11,400 |                |                      |               |        |        | 12,131           |                  |                      | 7       |                       |
| - 316                     | 12,216 | 11,900 | - 3            |                      | - 313         | 12,944 | 12,631 |                  | - 15             | 0                    | 8       | - 29                  |
| - 317                     | 12,517 | 12,200 | - 3            | 2                    | - 316         | 13,047 | 12,731 |                  | - 15             | 2,784                | 9       | - 3,00                |
| 0                         | 12,700 | 12,700 | 0              | 2                    | - 2           | 13,434 | 13,432 | - 39             | 0                | 2,627                | 10      | - 2,60                |
| 505                       | 12,195 | 12,700 | 4              | 2                    | 499           | 12,930 | 13,429 | - 106            | 24               | 2,692                | 11      | - 2,30                |
| 569                       | 12,131 | 12,700 | 5              | 2                    | 562           | 12,767 | 13,329 | 62               | 28               | 2,548                | 12      | - 1,90                |
| 904                       | 11,796 | 12,700 | 7              | 2                    | 895           | 12,433 | 13,328 | 226              | 43               | 2,647                | 13      | - 1,50                |
| 1,078                     | 11,622 | 12,700 | 9              | 2                    | 1,067         | 12,161 | 13,228 | 1                | 52               | 2,506                | 14      | - 1,40                |
| 1,287                     | 11,413 | 12,700 | 10             | 2                    | 1,275         | 11,852 | 13,127 | 117              | 62               | 2,396                | 15      | - 1,00                |
| 1,697                     | 10,803 | 12,500 | 14             | 2                    | 1,681         | 11,346 | 13,027 | 19               | 82               | 2,566                | 16      | - 90                  |
| 1,697                     | 10,803 | 12,500 | 14             | 2                    | 1,681         | 11,146 | 12,827 | 74               | 82               | 2,593                | 17      | - 90                  |
| 2,398                     | 10,102 | 12,500 | 19             | 2                    | 2,377         | 10,450 | 12,827 | 58               | 116              | 2,521                | 18      | - 20                  |
| 2,714                     | 9,786  | 12,500 | 22             | 2                    | 2,690         | 10,038 | 12,728 | 119              | 131              | 2,633                | 19      |                       |
| 3,736                     | 8,664  | 12,400 | 30             | 2                    | 3,704         | 8,923  | 12,627 | 159              | 181              | 2,624                | 20      | 1,00                  |
| 4,249                     | 8,151  | 12,400 | 34             | 2                    | 4,213         | 8,513  | 12,726 | 165              | 205              | 2,446                | 21      | 1,70                  |
| 4,249                     | 8,151  | 12,400 | 34             | 2                    | 4,213         | 8,416  | 12,629 | 259              | 205              | 2,136                | 22      | 2,10                  |
| 4,999                     | 7,401  | 12,400 | 40             | 2                    | 4,957         | 7,671  | 12,628 | 207              | 227              | 2,636                | 23      | 2,30                  |
| 5,225                     | 7,175  | 12,400 | 42             | 2                    | 5,181         | 7,447  | 12,628 | 203              | 253              | 2,779                | 24      | 2,30                  |
| 5,235                     | 7,265  | 12,500 | 42             | 2                    | 5,191         | 7,437  | 12,628 | - 70             | 253              | 3,377                | 25      | 1,40                  |
| 5,667                     | 7,033  | 12,700 | 45             | 2                    | 5,620         | 7,209  | 12,829 | - 312            | 275              | 3,537                | 26      | 1,40                  |
| 5,917                     | 6,683  | 12,600 | 47             | 2                    | 5,868         | 7,060  | 12,928 | - 223            | 286              | 3,544                | 27      | 1,80                  |
| 5,965                     | 5,935  | 11,900 | 48             | 2                    | 5,915         | 6,510  | 12,425 | - 112            | 289              | 3,291                | 28      | 2,20                  |
| 5,965                     | 5,935  | 11,900 | 48             | 2                    | 5,915         | 6,410  | 12,325 | - 126            | 289              | 2,958                | 29      | 2,50                  |
| 5,715                     | 6,185  | 11,900 | 46             | 2                    | 5,667         | 6,658  | 12,325 | 89               | 277              | 3,114                | 30      | 2,30                  |
| 5,471                     | 7,029  | 12,500 | 44             | 2                    | 5,425         | 7,402  | 12,827 | 139              | 265              | 3,726                | 31      | 1,50                  |
| 6,221                     | 6,179  | 12,400 | 50             | 2                    | 6,169         | 6,659  | 12,828 | 33               | 301              | 3,595                | AUG 1   | 2,30                  |
| 6,584                     | 5,716  | 12,300 | 53             | 2                    | 6,529         | 6,298  | 12,827 | - 41             | 318              | 3,528                | 2       | 2,60                  |
| 6,584                     | 5,616  | 12,200 | 53             | 2                    | 6,529         | 6,198  | 12,727 | 30               | 318              | 3,400                | 3       | 2,80                  |
| 6,619                     | 5,481  | 12,100 | 53             | 2                    | 6,564         | 6,062  | 12,626 | - 95             | 320              | 3,118                | 4       | 3,00                  |
| 6,619                     | 5,281  | 11,900 | 53             | 2                    | 6,564         | 5,962  | 12,526 | - 213            | 320              | 2,747                | 5       | 3,20                  |
| 5,604                     | 5,496  | 11,100 | 45             | 2                    | 5,557         | 6,367  | 11,924 | - 228            | 273              | 2,723                | 6       | 2,30                  |
| 5,506                     | 5,294  | 10,800 | 44             | 2                    | 5,460         | 5,762  | 11,222 | - 221            | 277              | 2,609                | 7       | 2,30                  |
| 5,506                     | 5,294  | 10,800 | 44             | 2                    | 5,460         | 7,161  | 12,621 | - 190            | 267              | 2,589                | 8       | 2,40                  |
| 5,683                     | 5,117  | 10,800 | 45             | 2                    | 5,636         | 5,490  | 11,226 | - 195            | 275              | 2,648                | 9       | 2,50                  |

DA

| DATE    | JACKSON<br>LAKE<br>CONTENTS<br>ACRE-FOOT | SNAKE RIVER<br>AT MORAN |        |       | STORED<br>LOSS<br>MORAN TO<br>ALPINE | DATE    | SNAKE RIVER<br>NEAR ALPINE |        |       | PALISADES<br>RESERVOIR<br>CONTENTS<br>THOUSANDS OF<br>ACRE-FOOT | SNAKE RIVER<br>NEAR IRWIN |        |
|---------|------------------------------------------|-------------------------|--------|-------|--------------------------------------|---------|----------------------------|--------|-------|-----------------------------------------------------------------|---------------------------|--------|
|         |                                          | STORED                  | NORMAL | TOTAL |                                      |         | STORED                     | NORMAL | TOTAL |                                                                 | STORED                    | NORMAL |
| JUNE 21 | 824,830                                  |                         |        |       |                                      | JUNE 22 |                            |        |       | 1,310                                                           |                           |        |
| 22      | 828,400                                  |                         |        |       |                                      | 23      |                            |        |       | 1,324                                                           |                           |        |
| 23      | 831,190                                  |                         |        |       |                                      | 24      |                            |        |       | 1,338                                                           |                           |        |
| 24      | 833,480                                  |                         |        |       |                                      | 25      |                            |        |       | 1,349                                                           |                           |        |
| 25      | 834,500                                  |                         |        |       |                                      | 26      |                            |        |       | 1,355                                                           |                           |        |
| 26      | 836,790                                  |                         |        |       |                                      | 27      |                            |        |       | 1,360                                                           |                           |        |
| 27      | 839,080                                  |                         |        |       |                                      | 28      |                            |        |       | 1,368                                                           |                           |        |
| 28      | 843,150                                  |                         |        |       |                                      | 29      |                            |        |       | 1,376                                                           |                           |        |
| 29      | 846,210                                  |                         |        |       |                                      | 30      |                            |        |       | 1,381                                                           |                           |        |
| 30      | 847,000                                  |                         |        |       |                                      | JULY 1  |                            |        | 9,800 | 1,384                                                           |                           |        |
| JULY 1  | 847,000                                  |                         |        |       |                                      | 2       |                            |        | 8,590 | 1,384                                                           |                           |        |
| 2       | 846,460                                  |                         |        |       |                                      | 3       |                            |        | 8,230 | 1,385                                                           |                           |        |
| 3       | 846,720                                  |                         |        |       |                                      | 4       |                            |        | 8,370 | 1,386                                                           |                           |        |
| 4       | 847,000                                  |                         |        |       |                                      | 5       |                            |        | 8,730 | 1,387                                                           |                           |        |
| 5       | 847,230                                  |                         | 2,740  | 2,740 |                                      | 6       | 0                          | 8,960  | 8,960 | 1,388                                                           |                           |        |
| 6       | 847,480                                  | - 65                    | 2,805  | 2,740 | - 1                                  | 7       | - 64                       | 9,164  | 9,100 | 1,389                                                           | - 316                     | 12,215 |
| 7       | 847,480                                  | - 65                    | 2,865  | 2,800 | - 1                                  | 8       | - 64                       | 9,384  | 9,320 | 1,389                                                           | - 317                     | 12,517 |
| 8       | 847,740                                  | 0                       | 3,080  | 3,080 |                                      | 9       | 0                          | 9,410  | 9,410 | 1,389                                                           | 0                         | 12,700 |
| 9       | 847,740                                  | 0                       | 2,720  | 2,720 |                                      | 10      | 0                          | 9,130  | 9,130 | 1,388                                                           | 505                       | 12,195 |
| 10      | 847,740                                  | 65                      | 2,655  | 2,720 | 1                                    | 11      | 64                         | 9,286  | 9,350 | 1,388                                                           | 569                       | 12,131 |
| 11      | 847,740                                  | 65                      | 2,655  | 2,720 | 1                                    | 12      | 64                         | 9,226  | 9,290 | 1,387                                                           | 904                       | 11,796 |
| 12      | 847,480                                  | 242                     | 2,498  | 2,740 | 4                                    | 13      | 238                        | 8,892  | 9,130 | 1,386                                                           | 1,078                     | 11,622 |
| 13      | 847,000                                  | 455                     | 2,155  | 2,610 | 8                                    | 14      | 447                        | 8,373  | 8,820 | 1,383                                                           | 1,287                     | 11,413 |
| 14      | 845,950                                  | 455                     | 2,075  | 2,530 | 8                                    | 15      | 447                        | 8,173  | 8,620 | 1,381                                                           | 1,697                     | 10,803 |
| 15      | 845,190                                  | 385                     | 2,145  | 2,530 | 7                                    | 16      | 378                        | 7,992  | 8,370 | 1,377                                                           | 1,697                     | 10,803 |
| 16      | 844,420                                  | 385                     | 2,135  | 2,520 | 7                                    | 17      | 378                        | 7,772  | 8,150 | 1,373                                                           | 2,398                     | 10,102 |
| 17      | 843,360                                  | 706                     | 1,834  | 2,540 | 12                                   | 18      | 694                        | 7,256  | 7,950 | 1,369                                                           | 2,714                     | 9,784  |
| 18      | 842,640                                  | 706                     | 1,824  | 2,530 | 12                                   | 19      | 694                        | 6,876  | 7,570 | 1,364                                                           | 3,736                     | 8,664  |
| 19      | 840,860                                  | 1,240                   | 1,290  | 2,530 | 21                                   | 20      | 1,219                      | 6,051  | 7,270 | 1,358                                                           | 4,249                     | 8,151  |
| 20      | 838,060                                  | 1,240                   | 1,290  | 2,530 | 21                                   | 21      | 1,219                      | 5,891  | 7,110 | 1,351                                                           | 4,249                     | 8,151  |
| 21      | 836,030                                  | 1,240                   | 1,290  | 2,530 | 21                                   | 22      | 1,219                      | 5,701  | 6,920 | 1,344                                                           | 4,999                     | 7,401  |
| 22      | 833,480                                  | 1,470                   | 1,050  | 2,520 | 25                                   | 23      | 1,445                      | 5,335  | 6,780 | 1,337                                                           | 5,225                     | 7,175  |
| 23      | 830,940                                  | 1,480                   | 1,260  | 2,740 | 25                                   | 24      | 1,455                      | 5,465  | 6,920 | 1,330                                                           | 5,235                     | 7,285  |
| 24      | 827,630                                  | 1,920                   | 1,090  | 3,010 | 33                                   | 25      | 1,887                      | 5,033  | 6,920 | 1,322                                                           | 5,667                     | 7,033  |
| 25      | 823,310                                  | 1,920                   | 1,090  | 3,010 | 33                                   | 26      | 1,887                      | 4,873  | 6,760 | 1,314                                                           | 5,917                     | 6,683  |
| 26      | 820,010                                  | 1,970                   | 1,040  | 3,010 | 35                                   | 27      | 1,935                      | 4,665  | 6,600 | 1,307                                                           | 5,965                     | 5,935  |
| 27      | 816,470                                  | 1,970                   | 1,040  | 3,010 | 35                                   | 28      | 1,935                      | 4,505  | 6,440 | 1,298                                                           | 5,965                     | 5,935  |
| 28      | 812,680                                  | 1,970                   | 1,030  | 3,000 | 35                                   | 29      | 1,935                      | 4,585  | 6,520 | 1,291                                                           | 5,715                     | 6,185  |
| 29      | 808,390                                  | 1,720                   | 1,300  | 3,020 | 29                                   | 30      | 1,691                      | 4,859  | 6,550 | 1,283                                                           | 5,471                     | 7,029  |
| 30      | 805,110                                  | 1,720                   | 1,290  | 3,010 | 29                                   | 31      | 1,691                      | 4,709  | 6,400 | 1,274                                                           | 6,221                     | 6,179  |
| 31      | 801,570                                  | 2,090                   | 920    | 3,010 | 36                                   | AUG 1   | 2,054                      | 4,166  | 6,220 | 1,265                                                           | 6,584                     | 5,716  |
| AUG 1   | 797,280                                  | 2,090                   | 930    | 3,020 | 36                                   | 2       | 2,054                      | 4,046  | 6,100 | 1,256                                                           | 6,584                     | 5,616  |
| 2       | 793,260                                  | 2,120                   | 920    | 3,040 | 36                                   | 3       | 2,084                      | 3,936  | 6,020 | 1,247                                                           | 6,619                     | 5,481  |
| 3       | 789,240                                  | 2,120                   | 890    | 3,010 | 36                                   | 4       | 2,084                      | 3,886  | 5,970 | 1,238                                                           | 6,619                     | 5,281  |
| 4       | 784,980                                  | 2,120                   | 870    | 2,990 | 36                                   | 5       | 2,084                      | 3,816  | 5,900 | 1,230                                                           | 5,604                     | 5,496  |
| 5       | 780,720                                  | 2,020                   | 930    | 2,950 | 34                                   | 6       | 1,986                      | 3,814  | 5,800 | 1,224                                                           | 5,506                     | 5,294  |
| 6       | 776,700                                  | 2,020                   | 970    | 2,990 | 34                                   | 7       | 1,986                      | 3,784  | 5,770 | 1,216                                                           | 5,506                     | 5,294  |
| 7       | 772,690                                  | 2,200                   | 880    | 3,080 | 37                                   | 8       | 2,163                      | 3,637  | 5,800 | 1,210                                                           | 5,683                     | 5,117  |



PLATE NO. 13

| DE CANAL COMPANY |       |         |        | TWIN FALLS<br>CANAL COMPANY |        |       | MILNER LOW LIFT |        |       | SNAKE RIVER<br>AT MILNER |        |       |
|------------------|-------|---------|--------|-----------------------------|--------|-------|-----------------|--------|-------|--------------------------|--------|-------|
| MAIN             | TOTAL | STORED  | NORMAL | STORED                      | NORMAL | TOTAL | STORED          | NORMAL | TOTAL | STORED                   | NORMAL | TOTAL |
| 2,920            | 3,960 | 3,586   | 361    | 1,048                       | 2,802  | 3,850 | 227             | 0      | 227   | 259                      | 0      | 259   |
| 2,920            | 3,950 | 3,572   | 378    | 974                         | 2,836  | 3,810 | 212             | 0      | 212   | 256                      | 0      | 256   |
| 2,800            | 3,820 | 3,420   | 400    | 720                         | 3,000  | 3,720 | 182             | 0      | 182   | 259                      | 0      | 259   |
| 2,810            | 3,830 | 2,895   | 935    | 670                         | 3,000  | 3,670 | 171             | 0      | 171   | 261                      | 0      | 261   |
| 2,720            | 3,738 | 2,263   | 1,475  | 440                         | 3,000  | 3,440 | 139             | 0      | 139   | 264                      | 0      | 264   |
| 2,540            | 3,541 | 830     | 2,711  | 220                         | 3,000  | 3,220 | 112             | 0      | 112   | 282                      | 0      | 282   |
| 1,840            | 2,829 | 0       | 2,829  | 0                           | 2,950  | 2,950 | 0               | 86     | 86    | 705                      | 0      | 705   |
| 1,490            | 2,427 | 0       | 2,427  | 0                           | 2,420  | 2,420 | 0               | 75     | 75    | 398                      | 0      | 398   |
| 1,420            | 2,310 | 0       | 2,310  | 0                           | 2,210  | 2,210 | 0               | 21     | 21    | 52                       | 0      | 52    |
| 1,420            | 2,310 | 0       | 2,310  | 0                           | 2,180  | 2,180 |                 |        | 0     | 26                       | 0      | 26    |
| 1,420            | 2,290 | 0       | 2,290  | 0                           | 2,180  | 2,180 |                 |        | 0     | 24                       | 0      | 24    |
| 1,420            | 2,290 | 0       | 2,290  | 0                           | 2,190  | 2,190 |                 |        | 0     | 24                       | 0      | 24    |
| 1,420            | 2,290 | 0       | 2,290  | 0                           | 2,200  | 2,200 |                 |        | 0     | 23                       | 0      | 23    |
| 1,420            | 2,310 | 0       | 2,310  | 0                           | 2,180  | 2,180 |                 |        | 0     | 22                       | 0      | 22    |
| 1,420            | 2,323 | 0       | 2,323  | 0                           | 2,190  | 2,190 |                 |        | 0     | 21                       | 0      | 21    |
| 1,420            | 2,323 | 0       | 2,323  | 0                           | 2,240  | 2,240 | 0               | 25     | 25    | 21                       | 0      | 21    |
| 1,430            | 2,345 | 0       | 2,345  | 0                           | 2,320  | 2,320 | 0               | 34     | 34    | 22                       | 0      | 22    |
| 1,500            | 2,435 | 0       | 2,435  | 0                           | 2,320  | 2,320 | 0               | 34     | 34    | 24                       | 0      | 24    |
| 1,540            | 2,485 | 0       | 2,485  | 0                           | 2,410  | 2,410 | 0               | 34     | 34    | 22                       | 0      | 22    |
| 1,550            | 2,440 | 0       | 2,440  | 0                           | 2,490  | 2,490 | 0               | 34     | 34    | 24                       | 0      | 24    |
| 1,610            | 2,520 | 0       | 2,520  | 0                           | 2,570  | 2,570 | 0               | 75     | 75    | 21                       | 0      | 21    |
| 1,650            | 2,593 | 0       | 2,593  | 0                           | 2,780  | 2,780 | 0               | 89     | 89    | 19                       | 0      | 19    |
| 1,670            | 2,623 | 297     | 2,326  | 0                           | 2,880  | 2,880 | 94              | 0      | 94    | 323                      | 0      | 323   |
| 1,700            | 2,677 | 1,029   | 1,648  | 0                           | 2,950  | 2,950 | 102             | 0      | 102   | 410                      | 0      | 410   |
| 1,760            | 2,758 | 1,081   | 1,677  | 0                           | 2,990  | 2,990 | 108             | 0      | 108   | 397                      | 0      | 397   |
| 1,770            | 2,768 | 1,542   | 1,226  | 0                           | 3,000  | 3,000 | 127             | 0      | 127   | 400                      | 0      | 400   |
| 1,800            | 2,798 | 1,798   | 1,000  | 0                           | 2,970  | 2,970 | 134             | 0      | 134   | 403                      | 0      | 403   |
| 1,870            | 2,878 | 2,478   | 400    | 0                           | 2,920  | 2,920 | 134             | 0      | 134   | 410                      | 0      | 410   |
| 1,990            | 3,003 | 2,603   | 400    | 0                           | 2,910  | 2,910 | 140             | 0      | 140   | 397                      | 0      | 397   |
| 2,090            | 3,110 | 2,735   | 375    | 0                           | 2,812  | 2,910 | 143             | 0      | 143   | 393                      | 0      | 393   |
| 2,120            | 3,140 | 2,769   | 371    | 0                           | 2,778  | 2,910 | 150             | 0      | 150   | 393                      | 0      | 393   |
| 2,050            | 3,060 | 2,697   | 363    | 0                           | 2,728  | 2,940 | 153             | 0      | 153   | 397                      | 0      | 397   |
| 2,030            | 3,040 | 2,681   | 359    | 0                           | 2,689  | 2,950 | 153             | 0      | 153   | 397                      | 0      | 397   |
| 2,000            | 3,000 | 2,640   | 360    | 0                           | 2,699  | 2,940 | 153             | 0      | 153   | 397                      | 0      | 397   |
| 2,010            | 3,020 | 2,659   | 361    | 0                           | 2,709  | 2,910 | 153             | 0      | 153   | 410                      | 0      | 410   |
| 2,000            | 3,010 | 2,646   | 364    | 0                           | 2,732  | 2,820 | 140             | 0      | 140   | 428                      | 0      | 428   |
| 2,000            | 3,000 | 2,604   | 396    | 0                           | 2,750  | 2,750 | 127             | 0      | 127   | 428                      | 0      | 428   |
| 1,930            | 2,930 | 2,530   | 400    | 0                           | 2,580  | 2,580 | 121             | 0      | 121   | 421                      | 0      | 421   |
| 1,800            | 2,799 | 2,399   | 400    | 0                           | 2,530  | 2,530 | 111             | 0      | 111   | 410                      | 0      | 410   |
| 1,660            | 2,659 | 2,259   | 400    | 0                           | 2,470  | 2,470 | 92              | 0      | 92    | 410                      | 0      | 410   |
| 1,590            | 2,579 | 2,179   | 400    | 0                           | 2,330  | 2,330 | 87              | 0      | 87    | 424                      | 0      | 424   |
| 1,600            | 2,596 | 1,928   | 668    | 0                           | 2,280  | 2,280 | 87              | 0      | 87    | 421                      | 0      | 421   |
| 1,590            | 2,570 | 5       | 2,565  | 0                           | 2,210  | 2,210 | 87              | 0      | 87    | 417                      | 0      | 417   |
| 1,510            | 2,480 | 0       | 2,480  | 0                           | 2,190  | 2,190 | 0               | 93     | 93    | 414                      | 0      | 414   |
| 1,450            | 2,410 | 0       | 2,410  | 0                           | 2,180  | 2,180 | 0               | 94     | 94    | 407                      | 0      | 407   |
| 1,450            | 2,409 | 0       | 2,409  | 0                           | 2,160  | 2,160 | 0               | 94     | 94    | 407                      | 0      | 407   |
|                  |       | 186,501 |        | 45,621                      |        |       | 14,612          |        |       | 23,941                   |        |       |

# 1968

| SNAKE RIVER<br>NEAR MINIDOKA |        |       | DATE    | MILNER<br>LAKE<br>GAGE<br>FEET | MINIDOKA<br>NORTH SIDE<br>PUMP<br>STORED | MINOR<br>DIVERSIONS<br>NEELEY<br>TO MILNER<br>STORED | GOODING PROJECT |        |       | NORTH SIDE CANAL |         |       |       |
|------------------------------|--------|-------|---------|--------------------------------|------------------------------------------|------------------------------------------------------|-----------------|--------|-------|------------------|---------|-------|-------|
| STORED                       | NORMAL | TOTAL |         |                                |                                          |                                                      | STORED          | NORMAL | TOTAL | P. A.            | GOODING | MAIN  | TOTAL |
| 6,144                        | 3,176  | 9,320 | AUG 13  | 10.87                          | 189                                      | 10                                                   | 1,620           | 0      | 1,620 | 70               | 970     | 2,920 | 3,960 |
| 6,146                        | 3,214  | 9,360 | 14      | 10.97                          | 189                                      | 10                                                   | 1,580           | 0      | 1,580 | 70               | 960     | 2,920 | 3,950 |
| 6,140                        | 3,400  | 9,540 | 15      | 11.06                          | 169                                      | 10                                                   | 1,520           | 0      | 1,520 | 70               | 950     | 2,800 | 3,820 |
| 5,545                        | 3,935  | 9,480 | 16      | 11.24                          | 152                                      | 10                                                   | 1,500           | 0      | 1,500 | 70               | 950     | 2,810 | 3,830 |
| 5,165                        | 4,475  | 9,640 | 17      | 10.94                          | 130                                      | 10                                                   | 1,470           | 0      | 1,470 | 68               | 950     | 2,720 | 3,738 |
| 4,019                        | 5,711  | 9,730 | 18      | 11.32                          | 130                                      | 10                                                   | 1,460           | 0      | 1,460 | 61               | 940     | 2,540 | 3,541 |
| 3,082                        | 6,688  | 9,770 | 19      | 11.29                          | 81                                       | 10                                                   | 577             | 823    | 1,400 | 59               | 930     | 1,840 | 2,829 |
| 3,998                        | 5,772  | 9,770 | 20      | 11.20                          | 40                                       | 5                                                    | 310             | 850    | 1,160 | 17               | 920     | 1,490 | 2,427 |
| 4,279                        | 5,391  | 9,670 | 21      | 11.10                          | 0                                        | 5                                                    | 150             | 850    | 1,000 | 0                | 890     | 1,420 | 2,310 |
| 4,460                        | 5,340  | 9,800 | 22      | 10.71                          | 0                                        | 5                                                    | 150             | 850    | 1,000 | 0                | 890     | 1,420 | 2,310 |
| 4,410                        | 5,320  | 9,730 | 23      | 10.60                          | 0                                        | 5                                                    | 150             | 850    | 1,000 | 0                | 870     | 1,420 | 2,290 |
| 4,280                        | 5,330  | 9,610 | 24      | 10.66                          | 0                                        | 5                                                    | 160             | 850    | 1,010 | 0                | 870     | 1,420 | 2,290 |
| 4,390                        | 5,340  | 9,730 | 25      | 10.71                          | 0                                        | 0                                                    | 150             | 850    | 1,000 | 0                | 870     | 1,420 | 2,290 |
| 4,430                        | 5,340  | 9,770 | 26      | 10.59                          | 0                                        | 0                                                    | 150             | 850    | 1,000 | 20               | 870     | 1,420 | 2,310 |
| 4,367                        | 5,363  | 9,730 | 27      | 10.59                          | 0                                        | 0                                                    | 150             | 850    | 1,000 | 33               | 870     | 1,420 | 2,323 |
| 4,362                        | 5,438  | 9,800 | 28      | 10.47                          | 0                                        | 0                                                    | 160             | 850    | 1,010 | 33               | 870     | 1,420 | 2,323 |
| 4,091                        | 5,549  | 9,640 | 29      | 10.83                          | 0                                        | 0                                                    | 150             | 850    | 1,000 | 45               | 870     | 1,430 | 2,345 |
| 3,841                        | 5,639  | 9,480 | 30      | 11.01                          | 0                                        | 0                                                    | 150             | 850    | 1,000 | 55               | 880     | 1,500 | 2,435 |
| 3,701                        | 5,779  | 9,480 | 31      | 11.06                          | 0                                        | 0                                                    | 150             | 850    | 1,000 | 55               | 890     | 1,540 | 2,485 |
| 3,796                        | 5,814  | 9,610 | SEPT. 1 | 11.12                          | 0                                        | 0                                                    | 150             | 850    | 1,000 | 0                | 890     | 1,550 | 2,440 |
| 3,555                        | 6,015  | 9,570 | 2       | 10.73                          | 52                                       | 5                                                    | 150             | 850    | 1,000 | 20               | 890     | 1,610 | 2,520 |
| 3,636                        | 5,934  | 9,570 | 3       | 10.71                          | 56                                       | 5                                                    | 506             | 472    | 1,030 | 33               | 910     | 1,650 | 2,593 |
| 4,214                        | 5,206  | 9,420 | 4       | 10.54                          | 82                                       | 5                                                    | 1,150           | 0      | 1,150 | 33               | 920     | 1,670 | 2,623 |
| 4,632                        | 4,598  | 9,230 | 5       | 10.49                          | 97                                       | 5                                                    | 1,210           | 0      | 1,210 | 47               | 930     | 1,700 | 2,677 |
| 4,533                        | 4,667  | 9,200 | 6       | 10.55                          | 104                                      | 5                                                    | 1,210           | 0      | 1,210 | 58               | 940     | 1,760 | 2,758 |
| 4,884                        | 4,226  | 9,110 | 7       | 10.70                          | 121                                      | 5                                                    | 1,210           | 0      | 1,210 | 58               | 940     | 1,770 | 2,768 |
| 4,930                        | 3,970  | 8,900 | 8       | 10.94                          | 121                                      | 5                                                    | 1,210           | 0      | 1,210 | 58               | 940     | 1,800 | 2,798 |
| 5,490                        | 3,320  | 8,810 | 9       | 11.10                          | 121                                      | 5                                                    | 1,210           | 0      | 1,210 | 58               | 950     | 1,870 | 2,878 |
| 5,270                        | 3,310  | 8,580 | 10      | 11.03                          | 130                                      | 5                                                    | 1,240           | 0      | 1,240 | 63               | 950     | 1,990 | 3,000 |
| 5,363                        | 3,187  | 8,550 | 11      | 10.88                          | 128                                      | 10                                                   | 1,330           | 0      | 1,330 | 60               | 960     | 2,090 | 3,110 |
| 5,491                        | 3,149  | 8,640 | 12      | 10.75                          | 128                                      | 10                                                   | 1,380           | 0      | 1,380 | 60               | 960     | 2,120 | 3,140 |
| 5,869                        | 3,091  | 8,960 | 13      | 10.82                          | 126                                      | 10                                                   | 1,380           | 0      | 1,380 | 60               | 950     | 2,050 | 3,060 |
| 5,562                        | 3,048  | 8,610 | 14      | 10.70                          | 120                                      | 10                                                   | 1,380           | 0      | 1,380 | 60               | 950     | 2,030 | 3,040 |
| 5,011                        | 3,059  | 8,070 | 15      | 10.60                          | 120                                      | 10                                                   | 1,380           | 0      | 1,380 | 60               | 940     | 2,000 | 3,000 |
| 4,360                        | 3,070  | 7,430 | 16      | 10.87                          | 105                                      | 10                                                   | 1,380           | 0      | 1,380 | 60               | 950     | 2,010 | 3,020 |
| 4,464                        | 3,096  | 7,560 | 17      | 11.17                          | 105                                      | 10                                                   | 1,380           | 0      | 1,380 | 60               | 950     | 2,000 | 3,010 |
| 4,644                        | 3,146  | 7,790 | 18      | 11.20                          | 98                                       | 10                                                   | 1,380           | 0      | 1,380 | 60               | 940     | 2,000 | 3,000 |
| 4,780                        | 2,980  | 7,760 | 19      | 11.05                          | 87                                       | 10                                                   | 1,380           | 0      | 1,380 | 60               | 940     | 1,930 | 2,930 |
| 4,890                        | 2,930  | 7,820 | 20      | 10.90                          | 87                                       | 10                                                   | 1,380           | 0      | 1,380 | 59               | 940     | 1,800 | 2,799 |
| 4,920                        | 2,870  | 7,790 | 21      | 10.74                          | 67                                       | 10                                                   | 1,310           | 0      | 1,310 | 59               | 940     | 1,660 | 2,659 |
| 4,830                        | 2,730  | 7,560 | 22      | 11.03                          | 49                                       | 10                                                   | 1,270           | 0      | 1,270 | 59               | 930     | 1,590 | 2,579 |
| 4,592                        | 2,948  | 7,540 | 23      | 11.02                          | 49                                       | 10                                                   | 1,240           | 0      | 1,240 | 58               | 940     | 1,600 | 2,596 |
| 2,625                        | 4,775  | 7,400 | 24      | 10.90                          | 49                                       | 10                                                   | 1,220           | 0      | 1,220 | 50               | 930     | 1,590 | 2,570 |
| 1,727                        | 5,613  | 7,340 | 25      | 10.71                          | 46                                       | 10                                                   | 370             | 850    | 1,220 | 50               | 920     | 1,510 | 2,480 |
| 1,756                        | 5,534  | 7,290 | 26      | 10.58                          | 46                                       | 10                                                   | 370             | 850    | 1,220 | 50               | 910     | 1,450 | 2,410 |
| 1,747                        | 5,513  | 7,260 | 27      | 10.45                          | 46                                       | 10                                                   | 380             | 850    | 1,230 | 49               | 910     | 1,450 | 2,409 |
|                              |        |       |         |                                | 14,481                                   | 795                                                  | 109,035         |        |       |                  |         |       |       |



# RIVER GAGING STATIONS

| D NEELEY<br>STORED<br>DIVERSIONS | DATE    | AMERICAN FALLS<br>RESERVOIR<br>CONTENTS<br>THOUSANDS OF<br>ACRE-FOOT | SNAKE RIVER<br>AT NEELEY |        |        | LAKE<br>WALCOTT<br>CONTENTS<br>ACRE-FOOT | MINIDOKA CANALS |       |       |         |        | SNAKE<br>NEAR |
|----------------------------------|---------|----------------------------------------------------------------------|--------------------------|--------|--------|------------------------------------------|-----------------|-------|-------|---------|--------|---------------|
|                                  |         |                                                                      | STORED                   | NORMAL | TOTAL  |                                          | NORTH           | SOUTH | TOTAL | STORED  | NORMAL | STORED        |
| 159                              | AUG 12  | 862                                                                  | 9,424                    | 3,176  | 12,600 | 93,900                                   | 1,620           | 1,210 | 2,830 | 2,830   | 0      | 6,144         |
| 193                              | 13      | 851                                                                  | 9,386                    | 3,214  | 12,600 | 94,840                                   | 1,600           | 1,210 | 2,810 | 2,810   | 0      | 6,146         |
| 169                              | 14      | 841                                                                  | 7,794                    | 4,206  | 12,000 | 95,430                                   | 1,380           | 1,080 | 2,460 | 1,654   | 806    | 6,140         |
| 95                               | 15      | 840                                                                  | 5,439                    | 5,661  | 11,100 | 96,870                                   | 1,130           | 850   | 1,980 | 254     | 1,726  | 5,545         |
| 46                               | 16      | 835                                                                  | 4,480                    | 6,120  | 10,600 | 97,840                                   | 902             | 743   | 1,645 | 0       | 1,645  | 5,165         |
| 7                                | 17      | 830                                                                  | 2,750                    | 6,950  | 9,700  | 97,960                                   | 656             | 583   | 1,239 | 0       | 1,239  | 4,019         |
| 1                                | 18      | 837                                                                  | 945                      | 7,435  | 8,380  | 100,730                                  | 365             | 382   | 747   | 0       | 747    | 3,082         |
| 1                                | 19      | 848                                                                  | 50                       | 6,260  | 6,310  | 101,450                                  | 210             | 278   | 488   | 0       | 488    | 3,998         |
| 1                                | 20      | 864                                                                  | -1,935                   | 5,755  | 3,820  | 101,210                                  | 140             | 224   | 364   | 0       | 364    | 4,279         |
| 0                                | 21      | 881                                                                  | -2,378                   | 5,668  | 3,290  | 99,640                                   | 140             | 188   | 328   | 0       | 328    | 4,460         |
| 0                                | 22      | 893                                                                  | -1,843                   | 5,633  | 3,790  | 98,080                                   | 139             | 174   | 313   | 0       | 313    | 4,410         |
| 0                                | 23      | 905                                                                  | -1,030                   | 5,640  | 4,610  | 96,390                                   | 138             | 172   | 310   | 0       | 310    | 4,280         |
| 0                                | 24      | 918                                                                  | -519                     | 5,649  | 5,130  | 96,150                                   | 137             | 172   | 309   | 0       | 309    | 4,390         |
| 0                                | 25      | 926                                                                  | -519                     | 5,649  | 5,130  | 96,630                                   | 137             | 172   | 309   | 0       | 309    | 4,430         |
| 0                                | 26      | 935                                                                  | -474                     | 5,674  | 5,200  | 96,150                                   | 137             | 174   | 311   | 0       | 311    | 4,367         |
| 0                                | 27      | 942                                                                  | -567                     | 5,767  | 5,200  | 95,910                                   | 155             | 174   | 329   | 0       | 329    | 4,362         |
| 0                                | 28      | 948                                                                  | -121                     | 6,031  | 5,910  | 94,720                                   | 308             | 174   | 482   | 0       | 482    | 4,091         |
| 35                               | 29      | 951                                                                  | -52                      | 6,362  | 6,310  | 95,430                                   | 465             | 258   | 723   | 0       | 723    | 3,841         |
| 123                              | 30      | 954                                                                  | -247                     | 6,557  | 6,310  | 95,670                                   | 474             | 304   | 778   | 0       | 778    | 3,701         |
| 105                              | 31      | 955                                                                  | -850                     | 7,160  | 6,310  | 95,910                                   | 718             | 628   | 1,346 | 0       | 1,346  | 3,796         |
| 86                               | SEPT. 1 | 953                                                                  | -912                     | 7,542  | 6,630  | 94,490                                   | 975             | 552   | 1,527 | 0       | 1,527  | 3,555         |
| 89                               | 2       | 953                                                                  | -541                     | 7,661  | 7,120  | 92,740                                   | 1,170           | 557   | 1,727 | 0       | 1,727  | 3,636         |
| 102                              | 3       | 947                                                                  | 1,168                    | 6,932  | 8,100  | 94,370                                   | 1,310           | 676   | 1,986 | 260     | 1,726  | 4,214         |
| 109                              | 4       | 939                                                                  | 2,776                    | 6,324  | 9,100  | 94,720                                   | 1,280           | 838   | 2,118 | 392     | 1,726  | 4,632         |
| 113                              | 5       | 930                                                                  | 3,057                    | 6,393  | 9,450  | 95,310                                   | 1,340           | 931   | 2,271 | 545     | 1,726  | 4,533         |
| 126                              | 6       | 920                                                                  | 3,798                    | 5,952  | 9,750  | 95,180                                   | 1,430           | 1,060 | 2,490 | 764     | 1,726  | 4,884         |
| 140                              | 7       | 907                                                                  | 4,404                    | 5,696  | 10,100 | 95,180                                   | 1,460           | 1,120 | 2,580 | 854     | 1,726  | 4,930         |
| 145                              | 8       | 897                                                                  | 5,163                    | 4,837  | 10,000 | 95,310                                   | 1,470           | 1,120 | 2,590 | 1,073   | 1,517  | 5,490         |
| 144                              | 9       | 886                                                                  | 5,308                    | 4,092  | 9,400  | 96,390                                   | 1,390           | 1,130 | 2,520 | 1,738   | 782    | 5,270         |
| 142                              | 10      | 874                                                                  | 5,763                    | 3,187  | 8,950  | 96,150                                   | 1,220           | 1,120 | 2,340 | 2,340   | 0      | 5,363         |
| 123                              | 11      | 864                                                                  | 6,051                    | 3,149  | 9,200  | 95,670                                   | 1,180           | 1,090 | 2,270 | 2,270   | 0      | 5,491         |
| 124                              | 12      | 850                                                                  | 6,459                    | 3,091  | 9,550  | 95,310                                   | 1,100           | 1,040 | 2,140 | 2,140   | 0      | 5,869         |
| 131                              | 13      | 835                                                                  | 6,602                    | 3,048  | 9,650  | 95,430                                   | 1,030           | 988   | 2,018 | 2,018   | 0      | 5,562         |
| 130                              | 14      | 824                                                                  | 6,541                    | 3,059  | 9,600  | 94,720                                   | 958             | 976   | 1,934 | 1,934   | 0      | 5,011         |
| 124                              | 15      | 810                                                                  | 6,530                    | 3,070  | 9,600  | 92,970                                   | 953             | 952   | 1,905 | 1,905   | 0      | 4,360         |
| 124                              | 16      | 800                                                                  | 6,454                    | 3,096  | 9,550  | 94,950                                   | 924             | 904   | 1,828 | 1,828   | 0      | 4,464         |
| 123                              | 17      | 790                                                                  | 5,804                    | 3,146  | 8,950  | 95,550                                   | 867             | 793   | 1,660 | 1,660   | 0      | 4,644         |
| 125                              | 18      | 781                                                                  | 5,188                    | 3,142  | 8,330  | 95,910                                   | 849             | 735   | 1,584 | 1,422   | 162    | 4,780         |
| 144                              | 19      | 768                                                                  | 4,822                    | 3,098  | 7,920  | 95,910                                   | 832             | 738   | 1,570 | 1,402   | 168    | 4,890         |
| 130                              | 20      | 763                                                                  | 4,554                    | 3,096  | 7,650  | 94,840                                   | 753             | 665   | 1,418 | 1,192   | 226    | 4,920         |
| 112                              | 21      | 759                                                                  | 3,868                    | 3,132  | 7,000  | 94,720                                   | 541             | 532   | 1,073 | 671     | 402    | 4,830         |
| 90                               | 22      | 760                                                                  | 2,533                    | 3,817  | 6,350  | 95,430                                   | 429             | 440   | 869   | 0       | 869    | 4,592         |
| 93                               | 23      | 762                                                                  | 46                       | 5,584  | 5,630  | 94,950                                   | 429             | 380   | 809   | 0       | 809    | 2,625         |
| 79                               | 24      | 766                                                                  | -955                     | 6,395  | 5,440  | 94,020                                   | 440             | 342   | 782   | 0       | 782    | 1,727         |
| 65                               | 25      | 766                                                                  | -4                       | 6,314  | 6,310  | 92,740                                   | 458             | 322   | 780   | 0       | 780    | 1,756         |
| 65                               | 26      | 765                                                                  | 471                      | 6,319  | 6,790  | 93,320                                   | 470             | 336   | 806   | 0       | 806    | 1,747         |
| 15,116                           |         |                                                                      | 477,054                  |        |        |                                          |                 |       |       | 128,722 |        |               |

# TA AT AND BETWEEN SNAKE R

24 HOUR SECOND-FEET EXCEPT AS NOTED

| E  | SNAKE RIVER<br>NEAR SHELLEY |        |       | SHELLEY TO BLACKFOOT |                      | THEORETICAL<br>BALANCE OF<br>STORAGE AT<br>BLACKFOOT | DATE    | BLACKFOOT<br>RIVER | SNAKE RIVER<br>NEAR BLACKFOOT |        |       | BLACKFOOT<br>CALCULATED<br>INFLOW |
|----|-----------------------------|--------|-------|----------------------|----------------------|------------------------------------------------------|---------|--------------------|-------------------------------|--------|-------|-----------------------------------|
|    | STORED                      | NORMAL | TOTAL | STORED<br>LOSS       | STORED<br>DIVERSIONS |                                                      |         |                    | STORED                        | NORMAL | TOTAL |                                   |
| 10 | 2,207                       | 2,793  | 5,000 | 47                   | 1,420                | 740                                                  | AUG 11  | 205                | 2,775                         | 385    | 3,160 | 2,79                              |
| 11 | 1,695                       | 4,295  | 5,990 | 100                  | 27                   | 1,568                                                | 12      | 202                | 3,588                         | 382    | 3,970 | 2,832                             |
| 12 | 2,075                       | 4,365  | 6,440 | 115                  | 149                  | 1,811                                                | 13      | 163                | 2,931                         | 1,359  | 4,290 | 2,847                             |
| 13 | 1,977                       | 4,423  | 6,400 | 116                  | 41                   | 1,820                                                | 14      | 243                | 1,820                         | 2,750  | 4,570 | 2,9                               |
| 14 | 2,700                       | 4,000  | 6,700 | 161                  | 16                   | 2,523                                                | 15      | 335                | 2,523                         | 3,157  | 5,680 | 2,963                             |
| 15 | 2,408                       | 4,722  | 7,130 | 144                  | 6                    | 2,258                                                | 16      | 343                | 2,258                         | 3,932  | 6,190 | 3,018                             |
| 16 | 2,288                       | 5,072  | 7,360 | 137                  | 0                    | 2,151                                                | 17      | 379                | 2,151                         | 4,409  | 6,560 | 3,026                             |
| 17 | 2,071                       | 5,419  | 7,490 | 124                  | 0                    | 1,947                                                | 18      | 487                | 1,947                         | 5,033  | 6,980 | 3,105                             |
| 18 | 2,075                       | 5,545  | 7,620 | 125                  | 0                    | 1,950                                                | 19      | 554                | 1,950                         | 5,100  | 7,050 | 3,171                             |
| 19 | 1,995                       | 5,725  | 7,720 | 119                  | 0                    | 1,876                                                | 20      | 668                | 1,876                         | 5,904  | 7,780 | 3,222                             |
| 20 | 150                         | 8,170  | 8,320 | 9                    | 0                    | 141                                                  | 21      | 739                | 141                           | 7,839  | 7,980 | 3,215                             |
| 21 | - 686                       | 8,576  | 7,890 | - 41                 | 0                    | - 645                                                | 22      | 639                | - 645                         | 8,395  | 7,750 | 3,230                             |
| 22 | - 3,575                     | 11,265 | 7,690 | - 214                | 0                    | - 3,361                                              | 23      | 526                | - 3,361                       | 10,901 | 7,520 | 3,265                             |
| 23 | - 3,455                     | 11,115 | 7,660 | - 207                | 0                    | - 3,248                                              | 24      | 508                | - 3,248                       | 10,828 | 7,580 | 3,221                             |
| 24 | - 3,401                     | 11,061 | 7,660 | - 204                | 0                    | - 3,197                                              | 25      | 503                | - 3,197                       | 10,577 | 7,380 | 3,190                             |
| 25 | - 2,588                     | 10,018 | 7,430 | - 155                | 0                    | - 2,433                                              | 26      | 485                | - 2,433                       | 9,513  | 7,080 | 3,125                             |
| 26 | - 2,517                     | 9,547  | 7,030 | - 151                | 0                    | - 2,366                                              | 27      | 467                | - 2,366                       | 8,946  | 6,580 | 3,099                             |
| 27 | - 1,741                     | 8,111  | 6,370 | - 104                | 0                    | - 1,637                                              | 28      | 449                | - 1,637                       | 7,507  | 5,870 | 3,049                             |
| 28 | - 1,573                     | 7,113  | 5,540 | - 94                 | 0                    | - 1,479                                              | 29      | 420                | - 1,479                       | 6,609  | 5,130 | 3,011                             |
| 29 | - 1,525                     | 6,315  | 5,090 | - 92                 | 0                    | - 1,433                                              | 30      | 405                | - 1,433                       | 6,083  | 4,650 | 3,000                             |
| 30 | - 1,559                     | 6,299  | 4,740 | - 94                 | 0                    | - 1,465                                              | 31      | 359                | - 1,465                       | 5,615  | 4,150 | 2,993                             |
| 31 | - 1,130                     | 5,520  | 4,390 | - 68                 | 0                    | - 1,062                                              | SEPT. 1 | 281                | - 1,062                       | 4,672  | 3,610 | 2,989                             |
| 1  | - 870                       | 4,880  | 4,010 | - 52                 | 0                    | - 818                                                | 2       | 240                | - 818                         | 3,978  | 3,160 | 2,954                             |
| 2  | - 627                       | 4,417  | 3,790 | - 38                 | 0                    | - 589                                                | 3       | 246                | - 589                         | 3,369  | 2,780 | 2,955                             |
| 3  | - 1,283                     | 4,643  | 3,360 | - 77                 | 0                    | - 1,206                                              | 4       | 245                | - 1,206                       | 3,446  | 2,240 | 2,947                             |
| 4  | - 1,199                     | 4,069  | 2,870 | - 72                 | 0                    | - 1,127                                              | 5       | 256                | - 1,127                       | 2,987  | 1,860 | 2,965                             |
| 5  | - 1,197                     | 3,847  | 2,650 | - 72                 | 0                    | - 1,125                                              | 6       | 251                | - 1,125                       | 2,745  | 1,620 | 2,951                             |
| 6  | - 549                       | 3,019  | 2,470 | - 33                 | 0                    | - 516                                                | 7       | 202                | - 516                         | 1,896  | 1,380 | 2,941                             |
| 7  | - 18                        | 2,402  | 2,420 | - 1                  | 0                    | - 17                                                 | 8       | 143                | - 17                          | 1,163  | 1,180 | 2,929                             |
| 8  | - 511                       | 1,799  | 2,310 | - 31                 | 0                    | - 480                                                | 9       | 86                 | - 632                         | 266    | 898   | 2,921                             |
| 9  | - 11                        | 2,041  | 2,030 | - 1                  | 0                    | - 10                                                 | 10      | 42                 | - 302                         | 222    | 524   | 2,927                             |
| 10 | 1,297                       | 203    | 1,500 | 78                   | 0                    | 1,219                                                | 11      | 25                 | - 45                          | 205    | 250   | 2,886                             |
| 11 | 605                         | 1,198  | 1,800 | 36                   | 0                    | 569                                                  | 12      | 29                 | - 37                          | 209    | 246   | 2,839                             |
| 12 | 1,607                       | 443    | 2,050 | 90                   | 108                  | 1,409                                                | 13      | 38                 | - 222                         | 218    | 440   | 2,841                             |
| 13 | 470                         | 2,020  | 2,490 | 18                   | 166                  | 286                                                  | 14      | 37                 | - 497                         | 217    | 714   | 2,853                             |
| 14 | 1,128                       | 1,942  | 3,070 | 54                   | 231                  | 843                                                  | 15      | 43                 | - 967                         | 223    | 1,190 | 2,873                             |
| 15 | 927                         | 2,293  | 3,220 | 38                   | 301                  | 588                                                  | 16      | 64                 | - 1,086                       | 244    | 1,330 | 2,902                             |
| 16 | 986                         | 2,164  | 3,150 | 43                   | 275                  | 668                                                  | 17      | 72                 | - 1,048                       | 252    | 1,300 | 2,890                             |
| 17 | 604                         | 2,466  | 3,070 | 20                   | 266                  | 318                                                  | 18      | 61                 | - 949                         | 241    | 1,190 | 2,857                             |
| 18 | 598                         | 2,272  | 2,870 | 17                   | 309                  | 272                                                  | 19      | 50                 | - 684                         | 230    | 914   | 2,866                             |
| 19 | 587                         | 2,193  | 2,780 | 15                   | 341                  | 231                                                  | 20      | 89                 | - 549                         | 268    | 818   | 2,863                             |
| 20 | 560                         | 2,030  | 2,590 | 14                   | 327                  | 219                                                  | 21      | 203                | - 219                         | 911    | 1,130 | 2,906                             |
| 21 | 511                         | 2,599  | 3,110 | 18                   | 214                  | 279                                                  | 22      | 398                | - 279                         | 2,601  | 2,880 | 2,983                             |
| 22 | 581                         | 3,579  | 4,160 | 28                   | 115                  | 438                                                  | 23      | 514                | - 438                         | 3,522  | 3,960 | 2,953                             |
| 23 | 702                         | 3,848  | 4,550 | 42                   | 0                    | 660                                                  | 24      | 475                | - 660                         | 3,530  | 4,190 | 2,938                             |
| 24 |                             |        | 4,680 |                      |                      | - 118                                                | 25      |                    | - 118                         | 4,038  | 3,920 | 2,947                             |
|    | 34,177                      |        |       | 670                  | 29,839               | 3,550                                                |         |                    | 3,550                         |        |       |                                   |



# DAILY SEGREGATION OF D

| DATE | PALISADES<br>RESERVOIR<br>CONTENTS<br>THOUSANDS OF<br>ACRE- FEET | SNAKE RIVER<br>NEAR IRWIN |        |        | IRWIN TO HEISE |                      | HEISE & RILEY |        |        | STORED<br>INFLOW<br>HENRYS FORK | HEISE TO SHELLEY |                      |
|------|------------------------------------------------------------------|---------------------------|--------|--------|----------------|----------------------|---------------|--------|--------|---------------------------------|------------------|----------------------|
|      |                                                                  | STORED                    | NORMAL | TOTAL  | STORED<br>LOSS | STORED<br>DIVERSIONS | STORED        | NORMAL | TOTAL  |                                 | STORED<br>LOSS   | STORED<br>DIVERSIONS |
| 770  | 1,203                                                            | 5,683                     | 5,017  | 10,700 | 45             | 2                    | 5,636         | 5,490  | 11,226 | - 380                           | 275              | 2,774                |
| 870  | 1,198                                                            | 4,417                     | 5,983  | 10,400 | 35             | 2                    | 4,380         | 6,545  | 10,925 | - 443                           | 213              | 2,029                |
| 920  | 1,193                                                            | 4,417                     | 5,783  | 10,200 | 35             | 0                    | 4,382         | 6,342  | 10,724 | - 524                           | 213              | 1,570                |
| 820  | 1,189                                                            | 3,917                     | 5,703  | 9,620  | 31             |                      | 3,886         | 6,537  | 10,423 | - 377                           | 190              | 1,342                |
| 700  | 1,186                                                            | 3,604                     | 5,176  | 8,780  | 29             |                      | 3,575         | 5,983  | 9,558  | - 335                           | 174              | 386                  |
| 700  | 1,185                                                            | 2,344                     | 5,536  | 7,880  | 19             |                      | 2,325         | 6,467  | 8,792  | 394                             | 113              | 198                  |
| 820  | 1,185                                                            | 2,088                     | 5,392  | 7,480  | 17             |                      | 2,071         | 5,949  | 8,020  | 380                             | 100              | 63                   |
| 770  | 1,185                                                            | 2,008                     | 5,452  | 7,460  | 16             |                      | 1,992         | 6,028  | 8,020  | 225                             | 97               | 49                   |
| 670  | 1,184                                                            | 2,136                     | 5,344  | 7,480  | 17             |                      | 2,119         | 5,901  | 8,020  | 109                             | 103              | 50                   |
| 770  | 1,184                                                            | 2,136                     | 5,334  | 7,470  | 17             |                      | 2,119         | 5,960  | 8,079  | 29                              | 103              | 50                   |
| 970  | 1,185                                                            | 208                       | 7,212  | 7,420  | 2              |                      | 206           | 7,914  | 8,120  | 0                               | 10               | 46                   |
| 890  | 1,191                                                            | - 659                     | 6,349  | 5,690  | - 5            |                      | - 654         | 7,795  | 7,141  | - 15                            | - 32             | 49                   |
| 620  | 1,200                                                            | -3,679                    | 8,549  | 4,870  | -29            |                      | - 3,650       | 9,693  | 6,043  | - 64                            | -178             | 39                   |
| 810  | 1,210                                                            | -3,561                    | 8,431  | 4,870  | -29            |                      | - 3,532       | 9,422  | 5,890  | - 56                            | -172             | 39                   |
| 170  | 1,221                                                            | -3,301                    | 8,191  | 4,890  | -26            |                      | - 3,275       | 9,135  | 5,860  | -246                            | -160             | 40                   |
| 700  | 1,230                                                            | -2,524                    | 7,414  | 4,890  | -20            |                      | - 2,504       | 8,274  | 5,770  | -122                            | -122             | 38                   |
| 490  | 1,237                                                            | -2,524                    | 7,414  | 4,890  | -20            |                      | - 2,504       | 8,244  | 5,740  | -100                            | -122             | 35                   |
| 080  | 1,245                                                            | -1,750                    | 6,660  | 4,910  | -14            |                      | -1,736        | 7,416  | 5,680  | - 67                            | - 85             | 23                   |
| 840  | 1,252                                                            | -1,627                    | 5,907  | 4,280  | -13            |                      | -1,614        | 6,784  | 5,170  | - 18                            | - 79             | 20                   |
| 680  | 1,260                                                            | -1,627                    | 5,937  | 4,310  | -13            |                      | -1,614        | 6,574  | 4,960  | 30                              | - 79             | 20                   |
| 570  | 1,267                                                            | -1,627                    | 5,937  | 4,310  | -13            |                      | -1,614        | 6,544  | 4,930  | - 4                             | - 79             | 20                   |
| 440  | 1,273                                                            | -1,117                    | 5,447  | 4,330  | - 9            |                      | -1,108        | 6,038  | 4,930  | - 56                            | - 54             | 20                   |
| 270  | 1,280                                                            | - 842                     | 5,172  | 4,330  | - 7            |                      | - 835         | 5,735  | 4,900  | - 56                            | - 41             | 20                   |
| 140  | 1,286                                                            | - 582                     | 4,942  | 4,360  | - 5            |                      | - 577         | 5,477  | 4,900  | - 56                            | - 28             | 22                   |
| 270  | 1,294                                                            | -1,272                    | 5,622  | 4,350  | - 8            |                      | -1,264        | 6,224  | 4,960  | - 56                            | - 62             | 25                   |
| 470  | 1,301                                                            | -1,174                    | 5,564  | 4,390  | - 9            |                      | -1,165        | 6,145  | 4,980  | - 65                            | - 57             | 23                   |
| 320  | 1,308                                                            | -1,174                    | 5,544  | 4,370  | - 9            |                      | -1,165        | 6,125  | 4,960  | - 60                            | - 57             | 29                   |
| 200  | 1,313                                                            | - 494                     | 4,894  | 4,400  | - 4            |                      | - 490         | 5,450  | 4,960  | - 58                            | - 24             | 23                   |
| 020  | 1,319                                                            | 114                       | 4,796  | 4,910  | 1              |                      | 113           | 5,117  | 5,230  | - 52                            | 6                | 37                   |
| 920  | 1,323                                                            | 624                       | 4,236  | 4,860  | 5              |                      | 619           | 4,811  | 5,430  | - 43                            | 30               | 35                   |
| 840  | 1,328                                                            | 105                       | 4,745  | 4,850  | 1              |                      | 104           | 5,326  | 5,430  | - 49                            | 5                | 61                   |
| 740  | 1,331                                                            | 1,615                     | 3,845  | 5,460  | 13             |                      | 1,602         | 3,938  | 5,540  | - 49                            | 78               | 178                  |
| 670  | 1,332                                                            | 1,369                     | 5,011  | 6,380  | 11             |                      | 1,358         | 5,312  | 6,670  | -120                            | 66               | 567                  |
| 380  | 1,332                                                            | 2,884                     | 4,086  | 6,970  | 23             |                      | 2,861         | 4,299  | 7,160  | - 324                           | 139              | 791                  |
| 860  | 1,330                                                            | 2,166                     | 5,324  | 7,490  | 17             | 1                    | 2,148         | 5,599  | 7,747  | - 354                           | 105              | 1,219                |
| 430  | 1,326                                                            | 3,157                     | 4,573  | 7,730  | 25             | 1                    | 3,131         | 4,993  | 8,124  | - 563                           | 154              | 1,286                |
| 240  | 1,323                                                            | 3,030                     | 4,700  | 7,730  | 24             | 1                    | 3,005         | 5,079  | 8,084  | - 646                           | 147              | 1,283                |
| 240  | 1,318                                                            | 3,030                     | 4,700  | 7,730  | 24             | 1                    | 3,005         | 5,049  | 8,054  | - 636                           | 147              | 1,238                |
| 300  | 1,315                                                            | 2,690                     | 4,860  | 7,550  | 22             | 1                    | 2,667         | 5,327  | 7,994  | - 645                           | 130              | 1,288                |
| 260  | 1,312                                                            | 2,690                     | 4,700  | 7,390  | 22             | 1                    | 2,667         | 5,056  | 7,723  | - 663                           | 130              | 1,276                |
| 220  | 1,309                                                            | 2,690                     | 4,670  | 7,360  | 22             | 1                    | 2,667         | 5,025  | 7,692  | - 694                           | 130              | 1,256                |
| 190  | 1,305                                                            | 2,690                     | 4,680  | 7,370  | 22             | 1                    | 2,667         | 5,055  | 7,722  | - 667                           | 130              | 1,310                |
| 170  | 1,302                                                            | 2,690                     | 4,690  | 7,380  | 22             | 1                    | 2,667         | 5,055  | 7,722  | - 630                           | 130              | 1,396                |
| 300  | 1,299                                                            | 2,371                     | 5,029  | 7,400  | 19             | 1                    | 2,351         | 5,441  | 7,792  | - 618                           | 115              | 1,037                |
| 280  | 1,296                                                            | 2,243                     | 5,157  | 7,400  | 18             | 1                    | 2,224         | 5,528  | 7,752  | - 585                           | 108              | 829                  |
|      |                                                                  |                           |        |        |                |                      |               |        |        |                                 |                  | 118                  |
|      |                                                                  | 169,117                   |        |        | 1,358          | 79                   | 167,680       |        |        | -9,586                          | 8,164            | 115,870              |

| JACKSON<br>LAKE<br>CONTENTS<br>ACRE-FOOT | SNAKE RIVER<br>AT MORAN |        |       | STORED<br>LOSS<br>MORAN TO<br>ALPINE | DATE    | SNAKE RIVER<br>NEAR ALPINE |        |       | PALISADES<br>RESERVOIR<br>CONTENTS<br>THOUSANDS OF<br>ACRE-FOOT | SNAKE<br>NEAR |      |
|------------------------------------------|-------------------------|--------|-------|--------------------------------------|---------|----------------------------|--------|-------|-----------------------------------------------------------------|---------------|------|
|                                          | STORED                  | NORMAL | TOTAL |                                      |         | STORED                     | NORMAL | TOTAL |                                                                 | STORED        | NORM |
| 757,950                                  | 2,200                   | 860    | 3,060 | 37                                   | AUG 9   | 2,163                      | 3,607  | 5,770 | 1,203                                                           | 5,683         | 5,0  |
| 753,960                                  | 1,930                   | 1,130  | 3,060 | 33                                   | 10      | 1,897                      | 3,973  | 5,870 | 1,198                                                           | 4,417         | 5,9  |
| 755,980                                  | 1,930                   | 1,140  | 3,070 | 33                                   | 11      | 1,897                      | 4,023  | 5,920 | 1,193                                                           | 4,417         | 5,7  |
| 755,750                                  | 1,930                   | 1,140  | 3,070 | 33                                   | 12      | 1,897                      | 3,923  | 5,820 | 1,189                                                           | 3,917         | 5,7  |
| 752,510                                  | 2,130                   | 930    | 3,060 | 36                                   | 13      | 2,094                      | 3,606  | 5,700 | 1,186                                                           | 3,604         | 5,1  |
| 748,030                                  | 2,130                   | 920    | 3,050 | 36                                   | 14      | 2,094                      | 3,606  | 5,700 | 1,185                                                           | 2,344         | 5,5  |
| 744,060                                  | 1,870                   | 1,180  | 3,050 | 32                                   | 15      | 1,838                      | 3,982  | 5,820 | 1,185                                                           | 2,088         | 5,3  |
| 740,600                                  | 1,870                   | 1,170  | 3,040 | 32                                   | 16      | 1,838                      | 3,732  | 5,770 | 1,185                                                           | 2,008         | 5,4  |
| 736,640                                  | 2,000                   | 1,070  | 3,070 | 34                                   | 17      | 1,966                      | 3,704  | 5,670 | 1,184                                                           | 2,136         | 5,3  |
| 732,930                                  | 2,000                   | 1,080  | 3,080 | 34                                   | 18      | 1,966                      | 3,804  | 5,770 | 1,184                                                           | 2,136         | 5,3  |
| 728,240                                  | 2,000                   | 1,070  | 3,070 | 34                                   | 19      | 1,966                      | 4,004  | 5,970 | 1,185                                                           | 208           | 7,2  |
| 724,770                                  | 1,120                   | 2,200  | 3,320 | 19                                   | 20      | 1,101                      | 5,789  | 6,890 | 1,191                                                           | - 659         | 6,3  |
| 722,550                                  | 1,120                   | 2,460  | 3,580 | 19                                   | 21      | 1,101                      | 6,519  | 7,620 | 1,200                                                           | -3,679        | 8,5  |
| 720,330                                  | 1,240                   | 2,320  | 3,560 | 21                                   | 22      | 1,219                      | 6,591  | 7,810 | 1,210                                                           | -3,561        | 8,4  |
| 718,610                                  | 1,240                   | 2,320  | 3,560 | 21                                   | 23      | 1,219                      | 6,951  | 8,170 | 1,221                                                           | -3,301        | 8,1  |
| 715,420                                  | 2,030                   | 1,530  | 3,560 | 34                                   | 24      | 1,996                      | 5,704  | 7,700 | 1,230                                                           | -2,524        | 7,4  |
| 711,980                                  | 2,030                   | 1,580  | 3,610 | 34                                   | 25      | 1,996                      | 5,494  | 7,490 | 1,237                                                           | -2,524        | 7,4  |
| 707,810                                  | 2,030                   | 1,600  | 3,630 | 34                                   | 26      | 1,996                      | 5,084  | 7,080 | 1,245                                                           | -1,750        | 6,8  |
| 703,880                                  | 2,190                   | 1,420  | 3,610 | 37                                   | 27      | 2,153                      | 4,687  | 6,840 | 1,252                                                           | -1,627        | 5,9  |
| 699,710                                  | 2,190                   | 1,410  | 3,600 | 37                                   | 28      | 2,153                      | 4,527  | 6,680 | 1,260                                                           | -1,627        | 5,9  |
| 695,050                                  | 2,190                   | 1,400  | 3,590 | 37                                   | 29      | 2,153                      | 4,417  | 6,570 | 1,267                                                           | -1,627        | 5,9  |
| 690,910                                  | 2,190                   | 1,390  | 3,580 | 37                                   | 30      | 2,153                      | 4,287  | 6,440 | 1,273                                                           | -1,117        | 5,4  |
| 686,030                                  | 2,470                   | 1,090  | 3,560 | 42                                   | 31      | 2,428                      | 3,842  | 6,270 | 1,280                                                           | - 842         | 5,1  |
| 681,150                                  | 2,470                   | 1,080  | 3,550 | 42                                   | SEPT. 1 | 2,428                      | 3,712  | 6,140 | 1,286                                                           | - 582         | 4,9  |
| 676,030                                  | 2,470                   | 1,110  | 3,580 | 42                                   | 2       | 2,428                      | 3,842  | 6,270 | 1,294                                                           | -1,272        | 5,6  |
| 671,410                                  | 2,570                   | 1,030  | 3,600 | 44                                   | 3       | 2,526                      | 3,944  | 6,470 | 1,301                                                           | -1,174        | 5,5  |
| 666,570                                  | 2,570                   | 1,060  | 3,630 | 44                                   | 4       | 2,526                      | 3,794  | 6,320 | 1,308                                                           | -1,174        | 5,5  |
| 661,480                                  | 2,570                   | 1,060  | 3,630 | 44                                   | 5       | 2,526                      | 3,674  | 6,200 | 1,313                                                           | - 494         | 4,8  |
| 656,150                                  | 2,680                   | 920    | 3,600 | 46                                   | 6       | 2,634                      | 3,386  | 6,020 | 1,319                                                           | 114           | 4,7  |
| 650,830                                  | 2,680                   | 910    | 3,590 | 46                                   | 7       | 2,634                      | 3,286  | 5,920 | 1,323                                                           | 624           | 4,2  |
| 645,520                                  | 2,670                   | 910    | 3,580 | 45                                   | 8       | 2,625                      | 3,215  | 5,840 | 1,328                                                           | 105           | 4,7  |
| 640,470                                  | 2,670                   | 890    | 3,560 | 45                                   | 9       | 2,625                      | 3,115  | 5,740 | 1,331                                                           | 1,615         | 3,8  |
| 634,940                                  | 2,420                   | 1,130  | 3,550 | 41                                   | 10      | 2,379                      | 3,291  | 5,670 | 1,332                                                           | 1,369         | 5,0  |
| 629,890                                  | 2,420                   | 910    | 3,330 | 41                                   | 11      | 2,379                      | 3,001  | 5,380 | 1,332                                                           | 2,884         | 4,0  |
| 625,320                                  | 1,690                   | 1,010  | 2,700 | 29                                   | 12      | 1,661                      | 3,199  | 4,860 | 1,330                                                           | 2,166         | 5,3  |
| 621,970                                  | 1,330                   | 890    | 2,220 | 23                                   | 13      | 1,307                      | 3,123  | 4,430 | 1,326                                                           | 3,157         | 4,5  |
| 619,340                                  | 1,200                   | 800    | 2,000 | 20                                   | 14      | 1,180                      | 3,060  | 4,240 | 1,323                                                           | 3,030         | 4,7  |
| 616,710                                  | 1,200                   | 790    | 1,990 | 20                                   | 15      | 1,180                      | 3,060  | 4,240 | 1,318                                                           | 3,030         | 4,7  |
| 614,320                                  | 1,200                   | 780    | 1,980 | 20                                   | 16      | 1,180                      | 3,120  | 4,300 | 1,315                                                           | 2,690         | 4,8  |
| 612,170                                  | 1,200                   | 780    | 1,980 | 20                                   | 17      | 1,180                      | 3,080  | 4,260 | 1,312                                                           | 2,690         | 4,7  |
| 609,780                                  | 1,200                   | 780    | 1,980 | 20                                   | 18      | 1,180                      | 3,040  | 4,220 | 1,309                                                           | 2,690         | 4,8  |
| 607,400                                  | 1,200                   | 770    | 1,970 | 20                                   | 19      | 1,180                      | 3,010  | 4,190 | 1,305                                                           | 2,690         | 4,6  |
| 604,770                                  | 1,200                   | 760    | 1,960 | 20                                   | 20      | 1,180                      | 2,990  | 4,170 | 1,302                                                           | 2,690         | 4,6  |
| 602,620                                  | 880                     | 1,080  | 1,960 | 15                                   | 21      | 865                        | 3,435  | 4,300 | 1,299                                                           | 2,371         | 5,0  |
| 600,950                                  | 877                     | 1,083  | 1,960 | 15                                   | 22      | 862                        | 3,418  | 4,280 | 1,296                                                           | 2,243         | 5,1  |
| 598,810                                  |                         |        |       |                                      | 23      |                            |        |       |                                                                 |               |      |
| TOTAL                                    | 125,371                 |        |       | 2,133                                |         | 123,238                    |        |       |                                                                 | 169,117       |      |

PLATE NO 14

| ES<br>SET | RENTALS<br>(1)<br>ACRE-FEET | OTHER<br>RIGHTS<br>ACRE-FEET | TOTAL<br>SUPPLY<br>ACRE-FEET |
|-----------|-----------------------------|------------------------------|------------------------------|
|           | 100                         | (2) 6,261                    | 6,361                        |
| 75        |                             |                              | 3,737                        |
| 75        |                             | (2) 508                      | 47,277                       |
| 80        | 220                         | (2) 215                      | 11,365                       |
| 20        |                             | (2) 56                       | 38,851                       |
|           |                             | (2) 456                      | 456                          |
| 58        |                             |                              | 1,368                        |
|           |                             | (2) 228                      | 228                          |
| 38        |                             |                              | 238                          |
|           |                             | (2) 57                       | 57                           |
|           |                             | (2) 570                      | 570                          |
| 25        |                             | (2) 530                      | 46,823                       |
|           |                             | (2) 380                      | 380                          |
| 5         | 300                         | (2) 3,419                    | 24,813                       |
|           |                             | (2) 289                      | 289                          |
| 30        |                             |                              | 49,929                       |
| 60        |                             | (2) 283                      | 1,043                        |
|           |                             | (2) 1,045                    | 1,045                        |
| 20        |                             |                              | 2,560                        |
| 60        | 310                         |                              | 1,070                        |
| 85        |                             | (2) 900                      | 10,885                       |
| 58        |                             |                              | 16,560                       |
| 92        |                             |                              | 7,013                        |
| 65        |                             | (2) 360                      | 4,825                        |
|           |                             | (2) 399                      | 399                          |
|           |                             | (2) 846                      | 846                          |
| 85        |                             | (2) 210                      | 6,195                        |
| 65        |                             |                              | 4,465                        |
| 40        |                             |                              | 2,537                        |
| 00        |                             | (2) 390                      | 6,090                        |
| 55        |                             |                              | 5,225                        |
| 40        |                             |                              | 1,140                        |
|           |                             | (2) 356                      | 356                          |
|           | 60                          |                              | 60                           |
| 00        |                             |                              | 49,161                       |
| 88        |                             |                              | 35,718                       |
|           |                             | (2) 684                      | 985                          |
|           |                             | (2) 222                      | 255                          |
| 981       |                             | (2) 458                      | 4,873                        |
| 60        |                             |                              | 92,001                       |
| 062       | 225                         | (2) 1,704                    | 79,579                       |
| 320       |                             | (2) 190                      | 10,175                       |
| 700       |                             |                              | 15,238                       |
| 535       |                             |                              | 90,127                       |
|           | 790                         | (2) 14,507                   | 15,297                       |
| 17        | 1,905                       | (2) 29,262                   | 692,104                      |
|           | (5) - 100                   | (2) 100                      | 0                            |
| 48        |                             |                              | 23,981                       |
| 62        |                             |                              | 11,162                       |
| 50        |                             |                              | 75,030                       |
| 60        |                             | (6) - 55                     | 275,322                      |
| 85        |                             |                              | 11,342                       |
| 25        |                             |                              | 1,425                        |
| 32        |                             |                              | 2,232                        |
| 40        |                             |                              | 5,112                        |
| 70        |                             |                              | 570                          |
| 232       |                             | (7) - 279                    | 1,953                        |
| 665       |                             | (7) 279                      | 944                          |
| 669       | -100                        | 45                           | 409,073                      |
| 705       |                             |                              | 127,405                      |
| 855       |                             | (10) -4,560                  | 57,595                       |
| 490       |                             | (8) 150,410                  | 648,435                      |
|           | 1,400                       | (2) 2,214                    | 3,614                        |
| 260       |                             |                              | 133,853                      |
| 950       |                             |                              | 400,950                      |
| 770       |                             |                              | 861,137                      |
|           |                             |                              | 248,368                      |
| 275       | 1,860                       |                              | 89,822                       |
|           |                             |                              | 45,000                       |
| 718       |                             |                              | 32,718                       |
|           |                             | (10) 6,185                   | 6,185                        |
| 5709      | 5,165                       | 189,817                      | 3,762,620                    |

NOTES

- (1) RENTED FROM WATER DISTRICT NO. 36
- (2) FROM PALISADES WATER USERS
- (3) WEST LABELLE, 574 A.F.; LONG ISLAND 1,915
- (4) INCLUDES 2,232 A.F. TO WEST SIDE MUTUAL
- (5) INDIVIDUALS RENTED 750 A.F.;  
W.D. 36 RENTED 850 A.F. FROM INDIAN SERVICE
- (6) TRANSFER TO ABERDEEN PUMP
- (7) TRANSFER FROM WATSON TO PARSONS
- (8) LAKE WALCOTT 90,410 A.F.; GAIN NEELEY TO MILNER 60,000
- (9) WYOMING 31,350 A.F.; OTHER 1,368
- (10) RENTED TO VARIOUS INDIVIDUALS THRU W. D. 36
- (11) DOES NOT INCLUDE FOLLOWING ALLOTMENTS
 

|                       |        |
|-----------------------|--------|
| CITY OF POCATELLO     | 47,500 |
| SIMPLLOT              | 2,375  |
| WESTVACO              | 4,750  |
| PALISADES WATER USERS | 47,718 |



| 20           | 21   | 22  | 23   | 24  | 25  | 26  | 27  | NO. | TOTAL       |           | RESERVOIR<br>EQUIVALENT<br>ACRE-FEET | AMERICAN<br>FALLS<br>ACRE-FEET | JACKSON<br>ACRE-FEET | PALISADES<br>ACRE-FEET | RENTALS<br>(1)<br>ACRE-FEET |
|--------------|------|-----|------|-----|-----|-----|-----|-----|-------------|-----------|--------------------------------------|--------------------------------|----------------------|------------------------|-----------------------------|
|              |      |     |      |     |     |     |     |     | SECOND-FOOT | ACRE-FOOT |                                      |                                |                      |                        |                             |
| 1            | 1    | 1   |      |     |     |     |     | 1   | 79          | 157       | 167                                  |                                |                      |                        | 22                          |
| 12           | 12   | 12  | 0    |     |     |     |     | 2   | 763         | 1,513     | 1,614                                | 673                            | 1,589                | 1,475                  |                             |
| 59           | 2    | 0   |      |     |     |     |     | 3   | 12,131      | 24,061    | 25,666                               | 12,485                         | 7,209                | 27,075                 |                             |
| 63           | 25   | 0   |      |     |     |     |     | 4   | 4,417       | 8,761     | 9,345                                |                                | 2,000                | 8,930                  | 220                         |
| 29           | 120  | 112 | 0    |     |     |     |     | 5   | 4,539       | 9,003     | 9,603                                | 8,923                          | 11,252               | 18,620                 |                             |
| 0            |      |     |      |     |     |     |     | 6   | 129         | 256       | 273                                  |                                |                      |                        |                             |
|              |      |     |      |     |     |     |     | 7   | 171         | 339       | 362                                  |                                |                      | 1,368                  |                             |
|              |      |     |      |     |     |     |     | 8   | 0           | 0         |                                      |                                |                      |                        |                             |
|              |      |     |      |     |     |     |     | 9   | 120         | 238       | 254                                  |                                |                      | 238                    |                             |
|              |      |     |      |     |     |     |     | 10  | 34          | 67        | 71                                   |                                |                      |                        |                             |
| 3            | 1    | 0   | 0    | 2   | 4   | 2   | 1   | 11  | 141         | 280       | 299                                  |                                |                      |                        |                             |
| 209          | 149  | 90  | 31   | 31  | 30  | 21  | 11  | 12  | 9,724       | 19,287    | 20,573                               | 12,025                         | 11,943               | 22,325                 |                             |
| 1            | 0    |     |      | 0   | 1   | 5   | 5   | 13  | 51          | 101       | 108                                  |                                |                      |                        |                             |
| 38           | 100  | 62  | 10   | 0   |     |     |     | 14  | 6,924       | 13,734    | 14,650                               | 2,649                          | 3,530                | 14,915                 | 300                         |
|              |      |     |      |     |     |     |     | 15  | 62          | 123       | 131                                  |                                |                      |                        |                             |
| 226          | 210  | 194 | 18   | 0   |     |     |     | 16  | 12,835      | 25,458    | 27,155                               | 9,496                          | 10,603               | 29,830                 |                             |
| 0            | 0    | 2   | 4    | 4   | 3   | 0   |     | 17  | 444         | 881       | 940                                  |                                |                      | 760                    |                             |
|              |      |     |      |     |     |     |     | 18  | 184         | 365       | 389                                  |                                |                      |                        |                             |
|              |      |     |      |     |     |     |     | 19  | 36          | 71        | 76                                   |                                | 1,040                | 1,520                  |                             |
|              |      |     |      |     |     |     |     | 20  | 338         | 670       | 715                                  |                                |                      | 760                    | 310                         |
| 23           | 29   | 34  | 0    |     |     |     |     | 21  | 1,925       | 3,818     | 4,073                                |                                | 4,000                | 5,985                  |                             |
| 48           | 52   | 57  | 0    |     |     |     |     | 22  | 2,522       | 5,002     | 5,335                                | 3,868                          | 5,234                | 7,458                  |                             |
|              |      |     |      |     |     |     |     | 23  | 2,118       | 4,201     | 4,481                                | 2,549                          | 1,472                | 2,992                  |                             |
|              |      |     |      |     |     |     |     | 24  | 18          | 36        | 38                                   |                                |                      | 4,465                  |                             |
|              |      |     |      |     |     |     |     | 25  | 52          | 103       | 110                                  |                                |                      |                        |                             |
|              |      |     |      |     |     |     |     | 26  | 108         | 214       | 228                                  |                                |                      |                        |                             |
| 13           | 0    |     |      |     |     |     |     | 27  | 1,192       | 2,364     | 2,522                                |                                |                      | 5,985                  |                             |
|              |      |     |      |     |     |     |     | 28  | 15          | 30        | 32                                   |                                |                      | 4,465                  |                             |
|              |      |     |      |     |     |     |     | 29  | 45          | 89        | 95                                   | 886                            | 511                  | 1,140                  |                             |
|              |      |     |      |     |     |     |     | 30  | 1,176       | 2,333     | (3) 2,489                            |                                |                      | 5,700                  |                             |
|              |      |     |      |     |     |     |     | 31  | 1,814       | 3,598     | 3,838                                |                                |                      | 5,225                  |                             |
| 2            | 6    | 10  | 13   | 6   | 0   |     |     | 32  | 300         | 595       | 635                                  |                                |                      | 1,140                  |                             |
|              |      |     |      |     |     |     |     | 33  | 84          | 167       | 178                                  |                                |                      |                        | 60                          |
|              |      |     |      |     |     |     |     | 34  | 31          | 61        | 65                                   |                                |                      |                        |                             |
|              |      |     |      |     |     |     |     | 35  | 185         | 367       | 391                                  | 4,666                          | 2,695                | 41,800                 |                             |
| 36           | 7    | 0   |      |     |     |     |     | 36  | 1,181       | 2,342     | 2,498                                | 13,459                         | 7,771                | 14,488                 |                             |
|              |      |     | 0    | 3   | 5   | 5   | 0   | 37  | 232         | 460       | 491                                  | 191                            | 110                  |                        |                             |
| 2            | 2    | 2   | 2    | 2   | 2   | 2   | 1   | 38  | 62          | 123       | 131                                  | 21                             | 12                   |                        |                             |
|              |      |     |      |     |     |     |     | 39  | 545         | 1,081     | 1,153                                | 50                             | 384                  | 3,981                  |                             |
|              |      |     |      |     |     |     |     | 40  | 13,230      | 26,241    | 27,990                               | 22,911                         | 13,230               | 55,860                 |                             |
| 23           | 5    | 0   |      |     |     |     |     | 41  | 10,091      | 20,015    | 21,349                               | 25,731                         | 19,857               | (4) 32,062             | 225                         |
| 20           | 20   | 0   |      |     |     |     |     | 42  | 1,269       | 2,517     | 2,685                                | 2,006                          | 2,659                | 5,320                  |                             |
|              |      |     |      |     |     |     |     | 43  | 464         | 920       | 981                                  | 6,047                          | 3,491                | 5,700                  |                             |
| 339          | 257  | 214 |      |     |     |     |     | 44  | 20,785      | 41,226    | 43,974                               | 26,367                         | 30,225               | 33,535                 | 790                         |
| 50           | 40   | 40  | 40   | 40  | 40  | 40  | 40  | 45  | 3,710       | 7,359     | 7,850                                |                                |                      |                        |                             |
| 396          | 1037 | 829 | 118  | 88  | 85  | 75  | 58  | 46  | 116,177     | 230,470   | 245,836                              | 155,003                        | 140,817              | 365,117                | 1,905                       |
|              |      |     |      |     |     |     |     | 47  | 0           | 0         | 0                                    |                                |                      |                        | (5) -100                    |
|              |      |     |      |     |     |     |     | 48  | 1,951       | 3,870     | 4,128                                | 12,763                         | 7,370                | 3,848                  |                             |
|              |      |     |      |     |     |     |     | 49  | 958         | 1,900     | 2,027                                |                                |                      | 11,162                 |                             |
|              |      |     |      |     |     |     |     | 50  | 3,279       | 6,504     | 6,938                                | 21,415                         | 20,365               | 33,250                 |                             |
| 325          | 214  | 115 | 0    |     |     |     |     | 51  | 20,257      | 40,179    | 42,858                               | 55,591                         | 74,626               | 145,160                |                             |
|              |      |     |      |     |     |     |     | 52  | 58          | 115       | 123                                  | 3,396                          | 1,961                | 5,985                  |                             |
|              |      |     |      |     |     |     |     | 53  | 530         | 1,051     | 1,121                                |                                |                      | 1,425                  |                             |
|              |      |     |      |     |     |     |     | 54  | 772         | 1,531     | 1,633                                |                                |                      | 2,232                  |                             |
| 2            | 0    |     |      |     |     |     |     | 55  | 285         | 565       | 603                                  | 1,314                          | 758                  | 3,040                  |                             |
|              |      |     |      |     |     |     |     | 56  | 218         | 432       | 461                                  |                                |                      | 570                    |                             |
|              |      |     |      |     |     |     |     | 57  | 1,016       | 2,015     | 2,149                                |                                |                      | 2,232                  |                             |
|              |      |     |      |     |     |     |     | 58  | 485         | 962       | 1,026                                |                                |                      | 665                    |                             |
| 327          | 214  | 115 | 0    |     |     |     |     | 59  | 29,839      | 59,124    | 63,067                               | 94,479                         | 105,080              | 209,569                | -100                        |
| 75           | 66   | 66  | 62   | 48  | 48  | 48  | 48  | 60  | 9,574       | 18,990    |                                      | 47,700                         |                      | 79,705                 |                             |
| 37           | 24   | 17  | 17   | 17  | 17  | 17  | 17  | 61  | 6,612       | 13,115    |                                      | 23,300                         |                      | 38,855                 |                             |
| 192          | 671  | 0   |      |     |     |     |     | 62  | 128,722     | 255,316   |                                      | 241,505                        | 186,030              | 70,490                 | 1,400                       |
|              |      |     |      |     | 10  | 10  | 10  | 63  | 795         | 1,577     |                                      |                                |                      |                        |                             |
|              |      |     |      |     | 46  | 46  | 46  | 64  | 14,481      | 28,723    |                                      | 47,593                         |                      | 86,260                 |                             |
|              |      |     |      |     | 370 | 370 | 380 | 65  | 109,035     | 216,268   |                                      | 400,000                        |                      | 950                    |                             |
|              |      |     | 1928 | 5   | 0   |     |     | 66  | 186,501     | 369,919   |                                      | 438,360                        | 312,007              | 110,770                |                             |
|              |      |     |      |     |     |     |     | 67  | 45,621      | 90,488    |                                      | 151,185                        | 97,183               |                        |                             |
|              | 87   | 87  | 87   | 0   |     |     |     | 68  | 14,612      | 28,982    |                                      | 45,687                         |                      | 42,275                 | 1,560                       |
| 410          | 410  | 424 | 421  | 417 | 414 | 407 | 407 | 69  | 21,017      | 41,687    |                                      | 45,000                         |                      |                        |                             |
|              |      |     |      |     |     |     |     | 70  |             |           |                                      |                                |                      |                        |                             |
|              |      |     |      |     |     |     |     | 71  |             |           |                                      |                                |                      |                        |                             |
| GRAND TOTALS |      |     |      |     |     |     |     |     |             |           |                                      | 1,689,812                      | 841,117              | (11) 1,036,709         | 5,165                       |



## NOTED

| NOTED |    |    | S E P T E M B E R |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      |      |      |      |      |      |     |     |    |
|-------|----|----|-------------------|----|----|----|----|----|----|----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|-----|-----|----|
| 9     | 30 | 31 | 1                 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9   | 10  | 11  | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22  | 23  |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1   |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     | 0   | 0   | 7    | 14   | 14   | 14   | 14   | 13   | 12   | 12   | 12   | 12   | 12  | 0   |    |
|       |    |    |                   |    |    |    |    |    |    |    |     | 0   | 68  | 77   | 86   | 84   | 84   | 82   | 71   | 59   | 59   | 59   | 2    | 0   |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     | 0   | 94   | 94   | 96   | 99   | 102  | 100  | 97   | 100  | 129  | 120  | 112 | 0   |    |
|       |    |    |                   |    |    |    |    |    |    |    |     | 0   | 5   | 5    | 5    | 3    | 0    | 0    | 2    | 5    | 2    | 0    |      |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     | 0   | 4   | 5    | 5    | 5    | 5    | 5    | 0    |      |      |      |      |     |     |    |
|       |    |    |                   | 0  | 1  |    | 1  | 1  | 0  |    |     |     |     |      |      |      |      |      |      | 0    | 3    | 3    | 1    | 0   | 0   |    |
|       |    |    |                   |    |    |    |    |    |    |    |     | 0   | 26  | 165  | 144  | 196  | 200  | 204  | 197  | 190  | 199  | 209  | 149  | 90  | 31  |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      |      | 0    | 1    | 0    |      |     |     |    |
|       |    |    |                   |    |    |    |    |    | 0  | 5  | 66  | 87  | 88  | 43   | 9    | 24   | 27   | 29   | 44   | 57   | 98   | 138  | 100  | 62  | 10  |    |
|       |    |    |                   |    |    |    |    |    | 0  | 20 | 71  | 100 | 125 | 301  | 348  | 289  | 260  | 231  | 229  | 226  | 226  | 226  | 210  | 194 | 18  |    |
|       |    |    |                   |    |    |    |    |    |    |    | 0   | 3   | 5   | 2    | 0    |      |      |      |      |      |      | 0    | 2    | 4   |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     | 0   | 4   | 2    | 0    |      |      |      |      |      |      |      |      |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     | 0   | 0   | 4    | 9    | 21   | 33   | 45   | 40   | 34   | 28   | 23   | 29   | 34  | 0   |    |
|       |    |    |                   |    |    |    |    |    |    |    | 0   | 8   | 26  | 37   | 48   | 47   | 46   | 45   | 44   | 42   | 45   | 48   | 52   | 57  | 0   |    |
|       |    |    |                   |    |    |    |    |    |    |    |     | 0   | 9   | 5    | 1    | 0    | 0    | 11   | 4    | 0    |      |      |      |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     | 0    | 2    | 1    | 0    |      |      |      |      |      |      |     |     |    |
|       |    |    |                   |    |    |    |    |    | 0  | 4  | 0   |     |     |      |      |      |      |      |      | 0    | 5    | 13   | 0    |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      |      |      |      |      |      |     |     |    |
|       |    |    |                   | 0  | 2  | 4  | 5  | 2  | 0  |    | 0   | 2   | 2   | 3    | 3    | 3    | 2    | 1    | 0    | 1    | 2    | 0    | 2    | 6   | 10  | 13 |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      |      |      |      |      |      |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    | 0   | 34  | 33  | 33   | 33   | 17   | 0    | 32   | 40   | 37   | 34   | 36   | 7    | 0   |     |    |
|       | 0  | 2  | 3                 | 2  | 3  | 2  | 6  | 5  | 6  | 5  | 9   | 9   | 9   | 0    |      |      |      |      |      |      |      |      |      |     | 0   |    |
|       |    |    |                   |    |    |    |    |    |    |    | 0   | 0   | 1   | 2    | 2    | 2    | 2    | 2    | 2    | 1    | 2    | 2    | 2    | 2   | 2   |    |
|       |    |    |                   |    |    |    |    |    |    |    | 0   | 1   | 0   |      | 0    | 3    | 8    | 0    |      |      |      |      |      |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     | 0   | 8   | 33   | 60   | 57   | 40   | 43   | 38   | 23   | 23   | 23   | 5    | 0   |     |    |
|       |    |    |                   |    |    |    |    |    |    |    | 0   | 20  | 20  | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 0   |     |    |
| 0     | 20 | 20 | 20                | 20 | 20 | 20 | 30 | 30 | 30 | 30 | 0   | 294 | 317 | 333  | 363  | 367  | 362  | 365  | 360  | 355  | 351  | 339  | 257  | 214 |     |    |
| 0     | 20 | 20 | 22                | 25 | 26 | 29 | 25 | 37 | 35 | 61 | 178 | 567 | 791 | 1219 | 1286 | 1285 | 1236 | 1288 | 1276 | 1256 | 1310 | 1396 | 1037 | 829 | 118 |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      |      |      |      |      |      |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     | 0    | 108  | 166  | 231  | 301  | 269  | 266  | 308  | 339  | 325  | 214 | 115 | 0  |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      | 0    | 6    | 0    |      |      |      |      |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      | 0    | 1    | 2    | 2    | 0    |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      |      |      |      |      |      |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     | 0    | 108  | 166  | 231  | 301  | 275  | 266  | 309  | 341  | 327  | 214 | 115 | 0  |
| 56    | 57 | 58 | 66                | 71 | 75 | 88 | 88 | 88 | 88 | 86 | 67  | 68  | 75  | 74   | 68   | 68   | 67   | 69   | 88   | 88   |      | 75   | 66   | 66  | 62  |    |
| 18    | 28 | 30 | 35                | 37 | 37 | 37 | 51 | 56 | 56 | 56 | 56  | 56  | 56  | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 42   | 37   | 24   | 17  | 17  |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      |      |      |      | 1192 | 671  | 0   |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      |      |      |      |      |      |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      |      |      |      |      |      |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      |      |      |      |      |      |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      |      |      |      |      |      |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      |      |      |      |      |      |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      |      |      |      |      |      |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      |      |      |      |      |      |     |     |    |
|       |    |    |                   |    |    |    |    |    |    |    |     |     |     |      |      |      |      |      |      |      |      |      |      |     |     |    |

24 HOUR SECOND- FEET EXCEPT AS NOTED

[illegible]



## JULY

| 1          | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | 1    | 2    | 3    | 4    | 5    |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2          | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |
| 5          | 4    | 4    | 3    | 3    | 3    | 3    | 4    | 3    | 2    | 5    | 28   | 28   | 28   | 29   | 28   | 25   | 25   | 25   | 27   | 28   | 27   | 27   | 26   | 26   | 24   |
| 366        | 358  | 354  | 352  | 364  | 361  | 373  | 353  | 342  | 342  | 344  | 213  | 334  | 402  | 403  | 398  | 371  | 374  | 398  | 395  | 393  | 347  | 283  | 290  | 274  | 2    |
| 152        | 151  | 151  | 155  | 152  | 152  | 113  | 115  | 83   | 87   | 83   | 127  | 152  | 160  | 160  | 167  | 116  | 113  | 95   | 95   | 90   | 90   | 88   | 143  | 93   |      |
| 3          | 3    | 3    | 9    | 8    | 35   | 32   | 32   | 34   | 32   | 30   | 98   | 96   | 101  | 100  | 106  | 106  | 105  | 219  | 201  | 199  | 178  | 187  | 156  | 156  |      |
| 6          | 6    | 6    | 6    | 4    | 4    | 5    | 0    |      |      |      |      |      | 0    | 6    | 6    | 6    | 6    | 6    | 6    | 0    |      |      |      |      |      |
| 3          | 0    |      |      |      |      | 0    | 3    | 0    | 0    | 10   | 10   | 10   | 10   | 10   | 12   | 15   | 13   | 13   | 8    | 8    | 10   | 16   | 0    |      |      |
| 6          | 5    | 6    | 5    | 6    | 6    | 4    | 6    | 6    | 5    | 5    | 5    | 6    | 6    | 6    | 5    | 0    |      |      |      |      | 0    | 5    | 5    | 4    |      |
| 2          | 2    | 0    |      |      |      | 0    | 2    | 2    | 2    | 2    | 2    | 2    | 3    | 0    |      |      |      | 0    | 2    | 2    | 2    | 2    | 0    |      |      |
| 3          | 10   | 9    | 0    | 0    | 6    | 6    | 3    | 0    |      |      |      | 0    | 4    | 2    | 3    | 5    | 8    | 2    | 8    | 6    | 9    | 0    |      |      | 0    |
| 4          | 247  | 247  | 247  | 247  | 247  | 235  | 259  | 259  | 166  | 172  | 214  | 256  | 259  | 266  | 259  | 241  | 238  | 244  | 259  | 271  | 271  | 274  | 211  | 163  | 114  |
| 3          | 3    | 3    | 0    | 0    | 3    | 1    | 1    | 0    |      |      | 0    | 1    | 1    | 1    | 1    | 2    | 2    | 0    | 3    | 1    | 1    | 0    |      |      | 0    |
| 7          | 04   | 103  | 97   | 101  | 132  | 129  | 169  | 165  | 184  | 158  | 166  | 157  | 180  | 222  | 209  | 216  | 207  | 198  | 226  | 214  | 211  | 183  | 182  | 162  | 129  |
| 1          | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 3    | 3    | 3    | 3    | 3    | 2    | 2    | 2    | 2    | 2    | 1    | 1    | 2    | 1    |
| 9          | 269  | 259  | 259  | 269  | 269  | 249  | 249  | 249  | 239  | 249  | 229  | 229  | 229  | 229  | 229  | 0    | 0    | 429  | 419  | 399  | 389  | 389  | 389  | 379  |      |
| 7          | 6    | 7    | 6    | 8    | 7    | 10   | 9    | 6    | 10   | 11   | 14   | 15   | 12   | 8    | 8    | 14   | 14   | 15   | 13   | 12   | 9    | 14   | 14   | 11   |      |
| 7          | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 5    | 5    | 4    | 4    | 3    | 3    | 5    | 5    | 5    | 5    | 4    | 4    | 4    |
| 1          | 1    | 1    | 1    | 2    | 1    | 1    | 0    |      |      |      |      |      |      |      | 0    | 8    | 5    | 5    | 1    | 1    | 1    | 0    | 1    | 0    |      |
| 5          | 17   | 14   | 14   | 17   | 17   | 17   | 17   | 17   | 2    | 2    | 2    | 2    | 2    | 1    | 19   | 20   | 19   | 19   | 14   | 16   | 14   | 7    | 6    | 9    | 4    |
|            |      |      |      |      |      |      |      | 0    | 11   | 0    | 0    | 87   | 83   | 78   | 84   | 78   | 95   | 92   | 93   | 93   | 86   | 81   | 82   | 79   | 45   |
|            |      |      |      |      |      |      |      |      |      |      | 0    | 90   | 116  | 104  | 123  | 104  | 93   | 91   | 91   | 95   | 84   | 94   | 103  | 86   | 117  |
| 9          | 33   | 33   | 39   | 39   | 75   | 89   | 89   | 89   | 88   | 28   | 87   | 87   | 87   | 85   | 47   | 47   | 51   | 61   | 64   | 58   | 56   | 56   | 54   | 54   | 54   |
| 5          | 3    | 3    | 3    | 3    | 3    | 4    | 0    |      |      | 0    | 1    | 0    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 0    | 2    | 1    | 1    | 0    |      |
| 1          | 0    |      |      | 0    | 3    | 0    | 4    | 5    | 5    | 0    |      |      | 0    | 2    | 4    | 4    | 4    | 0    | 10   | 4    | 4    | 2    | 3    | 0    | 3    |
| 1          | 65   | 63   | 87   | 68   | 59   | 39   | 17   | 3    | 23   | 25   | 44   | 31   | 27   | 52   | 21   | 36   | 35   | 51   | 35   | 35   | 33   | 39   | 20   | 19   | 12   |
|            |      |      |      | 0    | 3    | 6    | 5    | 6    | 7    | 0    |      |      | 0    | 1    | 3    | 0    | 7    | 3    | 4    | 0    |      |      |      |      |      |
| 9          | 58   | 58   | 55   | 60   | 66   | 66   | 66   | 66   | 58   | 63   | 40   | 68   | 60   | 49   | 33   | 32   | 8    | 8    | 8    | 8    | 0    | 5    | 0    |      |      |
| 98         | 98   | 2    | 75   | 93   | 90   | 90   | 90   | 87   | 0    | 85   | 77   | 43   | 58   | 68   | 77   | 2    | 73   | 73   | 37   | 41   | 37   | 30   | 0    | 9    |      |
| 16         | 20   | 11   | 11   | 11   | 9    | 8    | 3    | 6    | 6    | 3    | 3    | 3    | 12   | 10   | 8    | 3    | 8    | 4    | 8    | 10   | 2    | 2    | 5    | 0    |      |
| 4          | 4    | 4    | 4    | 4    | 3    | 0    |      |      |      |      |      |      |      |      | 0    | 2    | 2    | 2    | 3    |      |      |      | 0    | 2    |      |
| 4          | 3    | 3    | 2    | 2    | 2    | 3    | 4    | 4    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 7          | 21   | 17   | 13   | 9    | 0    | 11   | 7    | 3    | 13   | 23   | 22   | 0    |      |      |      |      | 0    | 1    | 0    |      |      |      |      |      |      |
|            |      |      |      |      |      |      |      |      |      | 0    | 51   | 49   | 51   | 53   | 29   | 0    | 46   | 53   | 53   | 50   | 50   | 28   | 0    | 44   |      |
| 5          | 6    | 2    | 3    | 2    | 2    | 2    | 4    | 2    | 0    | 0    | 2    | 5    | 0    | 0    | 8    | 6    | 7    | 8    | 9    | 9    | 4    | 3    | 0    | 0    |      |
| 0          | 1    | 2    | 2    | 2    | 2    | 0    | 2    | 2    | 2    | 2    | 2    | 2    | 0    | 2    | 0    |      |      |      |      | 0    | 1    | 2    | 0    |      |      |
| 8          | 17   | 18   | 20   | 21   | 15   | 9    | 5    | 2    | 5    | 7    | 10   | 14   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 16   | 14   | 12   | 12   | 13   | 13   |
| 0          | 480  | 410  | 450  | 520  | 470  | 420  | 390  | 400  | 340  | 300  | 400  | 390  | 440  | 460  | 490  | 480  | 440  | 450  | 440  | 420  | 420  | 420  | 340  | 230  | 270  |
| 5          | 311  | 289  | 283  | 283  | 264  | 262  | 268  | 306  | 305  | 310  | 312  | 303  | 287  | 277  | 276  | 289  | 284  | 291  | 292  | 287  | 275  | 259  | 260  | 274  | 256  |
| 0          |      |      | 0    | 2    | 0    |      | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   | 38   |
| 2          | 270  | 250  | 210  | 225  | 238  | 240  | 330  | 328  | 308  | 214  | 275  | 318  | 722  | 722  | 740  | 705  | 640  | 652  | 682  | 668  | 672  | 675  | 650  | 537  | 575  |
| 0          | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   |
| 3          | 2647 | 2506 | 2396 | 2566 | 2593 | 2521 | 2633 | 2624 | 2446 | 2136 | 2636 | 2779 | 3377 | 3537 | 3544 | 3291 | 2958 | 3114 | 3726 | 3595 | 3528 | 3400 | 3118 | 2747 | 2723 |
| 7          | 63   | 4    | 36   | 65   | 61   | 63   | 62   | 59   | 62   | 155  | 44   | 155  | 61   | 63   | 61   | 62   | 65   | 67   | 63   | 67   | 43   | 63   | 63   | 61   | 61   |
| 3          | 41   | 38   | 39   | 58   | 40   | 41   | 37   | 34   | 34   | 35   | 38   | 28   | 22   | 33   | 30   | 34   | 36   | 36   | 32   | 30   | 30   | 29   | 17   | 12   | 21   |
| 7          | 87   | 75   | 75   | 99   | 87   | 111  | 121  | 114  | 109  | 109  | 89   | 78   | 68   | 78   | 68   | 139  | 139  | 164  | 150  | 150  | 146  | 140  | 145  | 140  | 0    |
| 0          | 310  | 290  | 280  | 280  | 290  | 300  | 300  | 290  | 290  | 280  | 0    | 270  | 270  | 270  | 270  | 270  | 280  | 270  | 270  | 270  | 260  | 1125 | 1105 | 1045 | 1005 |
| 0          | 17   | 13   | 0    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 1          | 74   | 76   | 74   | 28   | 14   | 11   | 1    | 15   | 1    | 7    | 11   | 0    | 0    | 3    | 3    | 9    | 15   | 11   | 14   | 4    | 0    | 6    | 7    | 0    |      |
| 2          | 23   | 20   | 21   | 23   | 20   | 18   | 17   | 21   | 21   | 21   | 25   | 25   | 25   | 28   | 32   | 36   | 40   | 40   | 42   | 24   | 42   | 40   | 37   | 38   | 40   |
| 2          | 12   | 16   | 18   | 14   | 2    | 0    |      |      |      | 0    | 3    | 4    | 8    | 10   | 12   | 19   | 21   | 32   | 20   | 11   | 9    | 8    | 13   | 0    | 1    |
| 8          | 17   | 10   | 8    | 13   | 3    | 0    |      |      | 0    | 12   | 7    | 11   | 8    | 0    | 0    | 6    | 6    | 12   | 4    | 6    | 5    | 0    | 2    | 1    | 2    |
| 7          | 69   | 69   | 64   | 63   | 51   | 42   | 42   | 31   | 20   | 31   | 33   | 29   | 25   | 10   | 21   | 25   | 33   | 33   | 33   | 33   | 33   | 32   | 1    | 4    | 7    |
| 4          | 18   | 26   | 26   | 28   | 26   | 21   | 21   | 18   | 15   | 19   | 22   | 20   | 10   | 5    | 4    | 8    | 9    | 10   | 11   | 12   | 12   | 10   | 14   | 14   | 12   |
| 1          | 731  | 637  | 641  | 671  | 594  | 607  | 601  | 582  | 564  | 664  | 276  | 617  | 489  | 500  | 507  | 608  | 650  | 667  | 641  | 636  | 575  | 1453 | 1404 | 1315 | 1149 |
| 8          | 176  | 173  | 146  | 146  | 150  | 162  | 161  | 158  | 146  | 148  | 164  | 162  | 155  | 163  | 159  | 131  | 133  | 145  | 145  | 145  | 147  | 143  | 134  | 137  | 135  |
| 7          | 123  | 123  | 123  | 123  | 120  | 120  | 120  | 120  | 108  | 102  | 114  | 116  | 106  | 106  | 107  | 107  | 108  | 97   | 105  | 110  | 110  | 109  | 97   | 91   | 91   |
| SEE PLATES |      |      |      | 12   | 8    | 13   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|            |      |      |      | DO.  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|            |      |      |      | DO.  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|            |      |      |      | DO.  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|            |      |      |      | DO.  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|            |      |      |      | DO.  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0          | 230  | 230  | 230  | 230  | 244  | 249  | 254  | 254  | 252  | 252  | 252  | 252  | 237  | 244  | 252  | 254  | 259  | 266  | 259  | 266  | 261  | 259  | 261  | 259  | 259  |



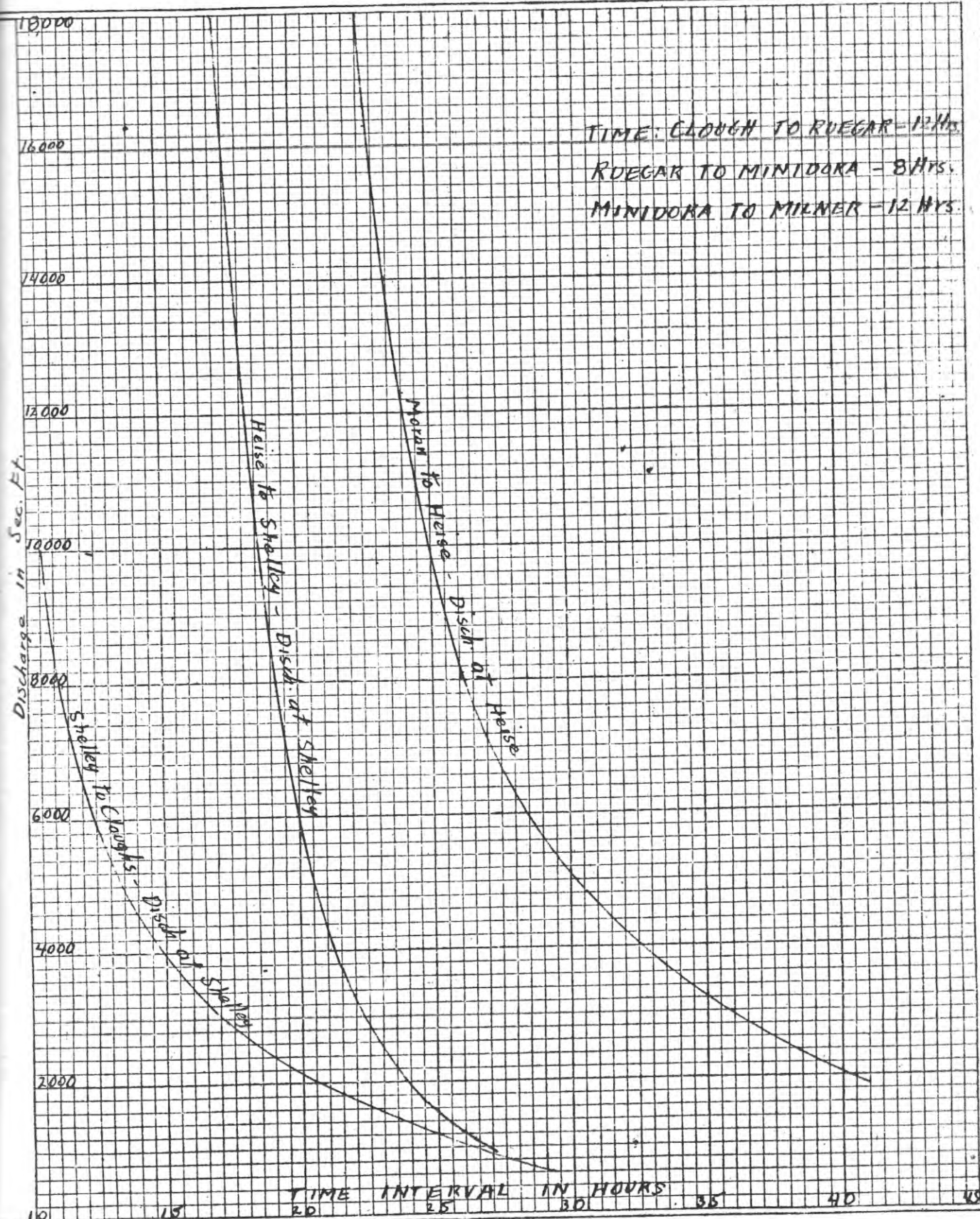
| CANAL                           | NO. | JUNE 26 TO |       | JULY |      |      |      |      |            |      |      |      |     |     |  |
|---------------------------------|-----|------------|-------|------|------|------|------|------|------------|------|------|------|-----|-----|--|
|                                 |     | JULY 7     |       | 8    | 9    | 10   | 11   | 12   | 13         | 14   | 15   | 16   | 17  |     |  |
| SWAN VALLEY USERS               | 1   |            |       | 2    | 2    | 2    | 2    | 2    | 2          | 2    | 2    | 2    | 2   | 2   |  |
| RILEY                           | 2   |            |       | 7    | 8    | 5    | 5    | 4    | 4          | 3    | 3    | 3    | 3   | 3   |  |
| PROGRESSIVE IRRIGATION DISTRICT | 3   |            |       | 438  | 363  | 361  | 361  | 366  | 358        | 354  | 352  | 364  | 36  | 36  |  |
| FARMERS FRIEND                  | 4   |            |       | 149  | 152  | 151  | 149  | 152  | 151        | 151  | 155  | 152  | 152 | 152 |  |
| ENTERPRISE                      | 5   |            |       |      |      |      |      | 3    | 3          | 3    | 9    | 8    | 3   | 3   |  |
| NELSON                          | 6   |            |       |      |      | 0    | 6    | 6    | 6          | 6    | 6    | 4    | 4   | 4   |  |
| MATTSON CRAIG                   | 7   |            |       |      |      | 0    | 3    | 0    |            |      |      |      |     |     |  |
| ARNSBERGER                      | 8   |            |       |      |      |      |      |      |            |      |      |      |     |     |  |
| BUTLER ISLAND                   | 9   |            |       | 1    | 9    | 6    | 6    | 5    | 6          | 5    | 6    | 6    | 6   | 6   |  |
| ROSS & RAND                     | 10  |            |       | 2    | 3    | 2    | 2    | 2    | 0          |      |      |      |     |     |  |
| STEELE                          | 11  |            |       | 8    | 8    | 3    | 3    | 10   | 9          | 0    | 0    | 6    | 6   | 6   |  |
| HARRISON                        | 12  |            |       | 241  | 238  | 241  | 244  | 247  | 247        | 247  | 247  | 247  | 23  | 23  |  |
| CHENEY                          | 13  |            |       | 3    | 4    | 3    | 3    | 3    | 3          | 0    | 0    | 3    | 3   | 3   |  |
| RUDY                            | 14  |            |       | 245  | 145  | 137  | 107  | 104  | 103        | 97   | 101  | 132  | 12  | 12  |  |
| KITE & NORD                     | 15  |            |       |      | 1    | 1    | 1    | 1    | 1          | 1    | 1    | 1    | 1   | 1   |  |
| BURGESS                         | 16  |            |       | 259  | 289  | 259  | 259  | 269  | 259        | 259  | 269  | 269  | 24  | 24  |  |
| CLARK & EDWARDS                 | 17  |            |       | 28   | 7    | 7    | 7    | 6    | 7          | 6    | 8    | 7    | 7   | 7   |  |
| BUTLER ISLAND NO. 2             | 18  |            |       |      |      | 4    | 4    | 4    | 4          | 4    | 4    | 4    | 4   | 4   |  |
| LOWDER                          | 19  |            |       |      |      | 1    | 1    | 1    | 1          | 1    | 2    | 1    | 1   | 1   |  |
| EAST LABELLE                    | 20  |            |       |      |      |      | 5    | 17   | 14         | 14   | 17   | 17   | 17  | 17  |  |
| SUNNYDELL                       | 21  |            |       |      |      |      |      |      |            |      |      |      |     |     |  |
| LENROOT                         | 22  |            |       |      |      |      |      |      |            |      |      |      |     |     |  |
| REID                            | 23  |            |       | 69   | 67   | 69   | 39   | 33   | 33         | 39   | 39   | 75   | 8   | 8   |  |
| TEXAS & LIBERTY PARK            | 24  |            |       | 13   | 0    |      |      |      |            |      |      |      |     |     |  |
| NELSON COREY                    | 25  |            |       |      | 3    | 5    | 5    | 3    | 3          | 3    | 3    | 3    | 3   | 3   |  |
| HILL-PETTINGER                  | 26  |            |       | 7    | 7    | 9    | 1    | 0    |            |      | 0    | 3    | 3   | 3   |  |
| RIGBY                           | 27  |            |       | 66   | 38   | 34   | 41   | 65   | 63         | 87   | 68   | 59   | 3   | 3   |  |
| ISLAND                          | 28  |            |       |      |      |      |      |      |            |      |      |      |     |     |  |
| DILTS                           | 29  |            |       |      |      |      |      |      |            |      | 0    | 3    | 3   | 3   |  |
| WEST LABELLE & LONG ISLAND      | 30  |            |       | 58   | 55   | 49   | 58   | 58   | 58         | 55   | 60   | 66   | 6   | 6   |  |
| PARKS & LEWISVILLE              | 31  |            |       | 96   | 102  | 98   | 77   | 98   | 98         | 2    | 75   | 93   | 9   | 9   |  |
| NORTH RIGBY                     | 32  |            |       | 26   | 15   | 12   | 18   | 16   | 20         | 11   | 11   | 11   | 1   | 1   |  |
| WHITE                           | 33  |            |       | 4    | 4    | 3    | 4    | 4    | 4          | 4    | 4    | 3    | 3   | 3   |  |
| BRAMWELL                        | 34  |            |       |      |      | 1    | 3    | 4    | 3          | 3    | 2    | 2    | 2   | 2   |  |
| BUTTE & MARKET LAKE             | 35  |            |       | 5    | 9    | 14   | 17   | 21   | 17         | 13   | 9    | 0    | 0   | 0   |  |
| OSGOOD                          | 36  |            |       |      |      |      |      |      |            |      |      |      |     |     |  |
| BEAR ISLAND                     | 37  |            |       |      | 4    | 5    | 5    | 6    | 2          | 3    | 2    | 2    | 2   | 2   |  |
| SMITH                           | 38  |            |       | 2    | 2    | 1    | 0    | 1    | 2          | 2    | 2    | 2    | 2   | 2   |  |
| KENNEDY                         | 39  |            |       | 18   | 19   | 19   | 18   | 17   | 18         | 20   | 21   | 15   | 15  | 15  |  |
| IDAHO                           | 40  |            |       | 470  | 380  | 460  | 470  | 480  | 410        | 450  | 520  | 470  | 42  | 42  |  |
| NEW SWEDEN                      | 41  |            |       | 276  | 305  | 320  | 305  | 311  | 289        | 283  | 283  | 264  | 26  | 26  |  |
| MARTIN                          | 42  |            |       |      |      |      |      |      |            |      |      |      |     |     |  |
| WOODVILLE                       | 43  |            |       |      |      | 2    | 0    |      |            | 0    | 2    | 0    | 0   | 0   |  |
| SNAKE RIVER VALLEY              | 44  |            |       | 243  | 340  | 360  | 262  | 270  | 250        | 210  | 225  | 238  | 24  | 24  |  |
| MISCELLANEOUS                   | 45  |            |       | 50   | 50   | 50   | 60   | 60   | 60         | 60   | 60   | 60   | 6   | 6   |  |
| TOTAL HEISE TO SHELLEY          | 46  |            |       | 2784 | 2627 | 2692 | 2549 | 2647 | 2506       | 2396 | 2566 | 2593 | 252 | 252 |  |
| RESERVATION                     | 47  |            |       | 0    |      |      |      |      |            |      |      |      |     |     |  |
| BLACKFOOT                       | 48  |            |       | 65   | 71   | 70   | 67   | 63   | 4          | 36   | 65   | 61   | 6   | 6   |  |
| NEW LAVA SIDE                   | 49  |            |       | 15   | 24   | 33   | 33   | 41   | 38         | 39   | 58   | 40   | 4   | 4   |  |
| PEOPLES                         | 50  |            |       |      |      | 93   | 87   | 87   | 75         | 75   | 99   | 87   | 1   | 1   |  |
| ABERDEEN                        | 51  |            |       | 270  | 230  | 280  | 310  | 310  | 290        | 280  | 280  | 290  | 30  | 30  |  |
| CORBETT                         | 52  |            |       | 3    | 5    | 0    | 20   | 17   | 13         | 0    |      |      |     |     |  |
| RIVERSIDE                       | 53  |            |       |      | 8    | 67   | 71   | 74   | 76         | 74   | 28   | 14   | 1   | 1   |  |
| DANSKIN                         | 54  |            |       | 44   | 0    | 0    | 2    | 23   | 20         | 21   | 23   | 20   | 18  | 18  |  |
| TREGO                           | 55  |            |       | 24   | 10   | 0    | 2    | 12   | 16         | 18   | 14   | 2    | 0   | 0   |  |
| WEARYRICK                       | 56  |            |       | 12   | 5    | 28   | 28   | 17   | 10         | 8    | 13   | 3    | 3   | 3   |  |
| WATSON                          | 57  |            |       |      | 4    | 51   | 77   | 69   | 69         | 64   | 63   | 51   | 4   | 4   |  |
| PARSONS                         | 58  |            |       | 11   | 7    | 10   | 14   | 18   | 26         | 26   | 28   | 26   | 2   | 2   |  |
| TOTAL SHELLEY TO BLACKFOOT      | 59  |            |       | 444  | 364  | 632  | 711  | 731  | 637        | 641  | 671  | 594  | 60  | 60  |  |
| MICHAUD DIVISION-FORT HALL      | 60  |            | 1,861 | 178  | 178  | 165  | 178  | 176  | 173        | 146  | 146  | 150  | 16  | 16  |  |
| FALLS IRRIGATION DISTRICT       | 61  |            | 1,466 | 132  | 135  | 135  | 127  | 123  | 123        | 123  | 123  | 120  | 12  | 12  |  |
| MINIDOKA PROJECT                | 62  |            |       | 1574 | 1564 | 2725 |      |      | SEE PLATES |      |      | 12   | 8   | 8   |  |
| MISCELLANEOUS NEELEY TO MILNER  | 63  |            |       | 10   | 10   | 10   |      |      |            |      | DO.  |      |     |     |  |
| A & B IRRIGATION DISTRICT       | 64  |            |       | 251  | 251  | 252  |      |      |            |      | DO.  |      |     |     |  |
| GOODING PROJECT                 | 65  |            |       | 1620 | 1630 | 1620 |      |      |            |      | DO.  |      |     |     |  |
| NORTH SIDE CANAL CO.            | 66  |            |       | 3671 | 3683 | 3683 |      |      |            |      | DO.  |      |     |     |  |
| TWIN FALLS CANAL CO.            | 67  |            |       | 890  | 930  | 930  |      |      |            |      | DO.  |      |     |     |  |
| MILNER LOW LIFT                 | 68  |            |       | 281  | 283  | 283  |      |      |            |      | DO.  |      |     |     |  |
| IDAHO POWER CO.                 | 69  |            | 226   | 230  | 230  | 230  | 230  | 230  | 230        | 230  | 230  | 244  | 24  | 24  |  |
| J. S.                           | 70  |            |       |      |      |      |      |      |            |      |      |      |     |     |  |
| WATER DISTRICT NO. 36           | 71  |            |       |      |      |      |      |      |            |      |      |      |     |     |  |

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

File Washington  
Number District

TIME INTERVAL BETWEEN GAGING STATIONS ON SNAKE RIVER

Plate No. 15





CANAL

MAY 1968

[illegible]

# FALL RIVER CANALS

[illegible]

## HENRYS FORK CANALS

|                              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
|                              | 12   | 18   | 24   | 25   | 23   | 22   | 20   | 19   | 22   | 26   | 27   | 27   | 26   | 24   | 22   | 21   | 20   | 21   | 22   | 22   | 21   | 19   | 18   | 17   | 16   |      |      |      |      |       |       |
| DEWEY                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |
| LAST CHANCE                  | 73   | 75   | 77   | 78   | 79   | 80   | 84   | 89   | 102  | 116  | 121  | 126  | 131  | 143  | 155  | 142  | 128  | 123  | 118  | 112  | 115  | 118  | 106  | 95   | 92   | 80   | 87   | 86   | 81   | 88    |       |
| CROSS CUT                    | 53   | 57   | 0    | 13   | 27   | 41   | 45   | 50   | 69   | 88   | 129  | 172  | 216  | 224  | 232  | 188  | 144  | 159  | 173  | 187  | 168  | 144  | 106  | 72   | 37   | 26   | 15   | 18   | 22   | 3,204 |       |
| ST. ANTHONY UNION            | 510  | 510  | 524  | 539  | 543  | 506  | 572  | 544  | 544  | 557  | 548  | 539  | 544  | 510  | 506  | 468  | 464  | 459  | 464  | 472  | 393  | 369  | 397  | 403  | 409  | 370  | 384  | 399  | 413  | 443   |       |
| FARMERS FRIEND               | 113  | 134  | 154  | 154  | 154  | 154  | 155  | 156  | 184  | 215  | 222  | 229  | 237  | 168  | 100  | 102  | 105  | 137  | 169  | 201  | 204  | 206  | 183  | 160  | 150  | 140  | 130  | 129  | 131  | 133   |       |
| TWIN GROVES                  | 84   | 104  | 123  | 121  | 120  | 118  | 120  | 123  | 150  | 177  | 180  | 182  | 185  | 172  | 158  | 154  | 153  | 151  | 149  | 147  | 152  | 156  | 148  | 140  | 135  | 130  | 127  | 110  | 94   | 87    |       |
| SALEM UNION                  | 164  | 182  | 214  | 186  | 230  | 275  | 281  | 224  | 303  | 270  | 317  | 306  | 295  | 267  | 162  | 91   | 0    | 60   | 120  | 225  | 203  | 181  | 243  | 186  | 186  | 186  | 200  | 215  | 255  | 295   |       |
| TOTAL ASHTON TO ST. ANTHONY  | 1009 | 1057 | 1102 | 1099 | 1172 | 1233 | 1211 | 1223 | 1374 | 1436 | 1552 | 1590 | 1630 | 1544 | 1343 | 1199 | 1020 | 1115 | 1209 | 1356 | 1335 | 1235 | 1237 | 1140 | 1093 | 1046 | 956  | 955  | 955  | 1010  | 1084  |
| EGIN                         | 316  | 326  | 337  | 358  | 338  | 339  | 334  | 330  | 343  | 356  | 356  | 356  | 356  | 338  | 319  | 316  | 314  | 312  | 301  | 286  | 267  | 268  | 269  | 262  | 256  | 249  | 254  | 258  | 266  | 275   |       |
| ST. ANTHONY UNION FEEDER     | 100  | 99   | 98   | 100  | 101  | 98   | 94   | 92   | 96   | 99   | 102  | 98   | 99   | 101  | 93   | 84   | 83   | 80   | 78   | 81   | 76   | 70   | 68   | 63   | 58   | 54   | 49   | 53   | 57   | 64    |       |
| INDEPENDENT                  | 352  | 361  | 370  | 368  | 396  | 401  | 407  | 370  | 376  | 381  | 390  | 396  | 403  | 359  | 302  | 236  | 296  | 296  | 297  | 257  | 257  | 256  | 244  | 246  | 178  | 200  | 222  | 245  | 268  | 288   | 308   |
| CONSOLIDATED FARMERS         | 222  | 242  | 262  | 278  | 295  | 311  | 300  | 340  | 355  | 366  | 370  | 374  | 377  | 362  | 348  | 304  | 261  | 258  | 256  | 253  | 256  | 259  | 241  | 229  | 221  | 204  | 202  | 201  | 202  | 204   | 8,596 |
| TOTAL ST. ANTHONY TO REXBURG | 990  | 1028 | 1067 | 1094 | 1130 | 1143 | 1165 | 1132 | 1168 | 1202 | 1218 | 1224 | 1235 | 1160 | 1062 | 1000 | 954  | 946  | 941  | 940  | 874  | 844  | 827  | 807  | 719  | 722  | 724  | 754  | 784  | 820   | 853   |
| TOTAL                        | 3054 | 3257 | 3401 | 3477 | 3571 | 3578 | 3578 | 3578 | 3743 | 3843 | 3943 | 3943 | 3943 | 3743 | 3543 | 3243 | 3043 | 3143 | 3243 | 3343 | 3343 | 3343 | 3243 | 3143 | 3043 | 2943 | 2843 | 2743 | 2643 | 2543  | 2443  |

## TETON RIVER CANALS

[illegible]









# CANAL

AUGUST 1968

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

| CANAL                     |  |  | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31    | TOTAL  |       |
|---------------------------|--|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|--------|-------|
| FALL RIVER CANALS         |  |  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |        |       |
| YELLOWSTONE               |  |  | 10  | 20  | 19  | 20  | 20  | 17  | 0   | 24  | 27  | 33  | 26  | 19  | 19  | 12  | 4   | 6   | 4   | 7   | 9   | 12  | 3   | 3   | 3   | 3   | 3   | 2   | 2   | 2   | 2   | 2   | 2     | 2      | 335   |
| MARYSVILLE                |  |  | 208 | 208 | 187 | 187 | 191 | 191 | 191 | 189 | 189 | 181 | 163 | 161 | 226 | 161 | 78  | 0   |     |     | 0   | 40  | 0   | 40  | 0   | 0   |     |     |     |     |     |     |       |        | 3,044 |
| TOTAL ABOVE SQUIRREL      |  |  | 218 | 228 | 206 | 207 | 211 | 208 | 191 | 213 | 216 | 214 | 189 | 180 | 245 | 173 | 82  | 6   | 4   | 7   | 9   | 52  | 3   | 43  | 3   | 3   | 3   | 2   | 2   | 2   | 2   | 2   | 2     | 2      | 3,879 |
| FARMERS OWN               |  |  | 98  | 98  | 98  | 92  | 92  | 93  | 90  | 90  | 90  | 90  | 90  | 90  | 88  | 88  | 61  | 40  | 40  | 31  | 31  | 31  | 31  | 31  | 31  | 31  | 31  | 31  | 31  | 31  | 31  | 31  | 31    | 1,862  |       |
| ALMY                      |  |  | 1   | 0   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 0   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       | 16     |       |
| ENTERPRISE                |  |  | 146 | 144 | 146 | 148 | 145 | 143 | 143 | 141 | 145 | 152 | 149 | 135 | 134 | 135 | 113 | 93  | 86  | 88  | 93  | 83  | 73  | 75  | 73  | 72  | 70  | 70  | 70  | 69  | 70  | 70  | 70    | 3,345  |       |
| BELL                      |  |  | 7   | 7   | 7   | 7   | 6   | 6   | 6   | 6   | 6   | 8   | 7   | 6   | 7   | 8   | 5   | 9   | 9   | 4   | 4   | 5   | 6   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2     | 161    |       |
| FALL RIVER                |  |  | 222 | 217 | 224 | 233 | 233 | 233 | 233 | 233 | 228 | 228 | 251 | 261 | 251 | 242 | 238 | 251 | 256 | 242 | 219 | 233 | 218 | 202 | 202 | 198 | 193 | 206 | 219 | 205 | 191 | 176 | 160   | 6,867  |       |
| MC BEE                    |  |  |     |     |     |     |     |     |     |     |     | 0   | 1   | 0   | 1   | 0   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 18    |        |       |
| CHESTER                   |  |  | 28  | 28  | 24  | 26  | 22  | 19  | 19  | 18  | 10  | 10  | 5   | 5   | 6   | 4   | 4   | 4   | 18  | 20  | 12  | 5   | 5   | 5   | 5   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 11    | 310    |       |
| SILKEY                    |  |  | 21  | 21  | 21  | 21  | 17  | 17  | 16  | 16  | 17  | 20  | 20  | 19  | 18  | 18  | 16  | 11  | 10  | 10  | 9   | 8   | 6   | 6   | 5   | 6   | 6   | 5   | 5   | 5   | 5   | 5   | 5     | 386    |       |
| CURR                      |  |  | 42  | 42  | 43  | 43  | 43  | 43  | 44  | 44  | 45  | 47  | 44  | 44  | 44  | 44  | 45  | 45  | 48  | 49  | 48  | 48  | 30  | 13  | 12  | 12  | 12  | 11  | 11  | 11  | 24  | 36  | 1,045 |        |       |
| TOTAL SQUIRREL TO CHESTER |  |  | 565 | 557 | 566 | 571 | 559 | 555 | 552 | 544 | 542 | 580 | 578 | 551 | 539 | 536 | 500 | 459 | 455 | 424 | 439 | 387 | 336 | 338 | 331 | 326 | 318 | 331 | 343 | 329 | 315 | 320 | 324   | 14,070 |       |

## HENRYS FORK CANALS

[illegible]

TETON RIVER CANALS

|                     | 11  | 10  | 10  | 9   | 10  | 11  | 9   | 9   | 10  | 12   | 10  | 11  | 11  | 12  | 10  | 11  | 12  | 11  | 9   | 8   | 7   | 7   | 7   | 7   | 2,922 |       |     |     |     |       |       |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-----|-----|-----|-------|-------|
| SIDDOWAY            | 103 | 142 | 139 | 138 | 138 | 138 | 95  | 103 | 110 | 107  | 120 | 110 | 107 | 72  | 72  | 74  | 68  | 64  | 58  | 74  | 46  | 46  | 46  | 46  | 36    | 2,170 |     |     |     |       |       |
| WILFORD             | 130 | 130 | 133 | 135 | 2   | 47  | 116 | 125 | 116 | 120  | 121 | 115 | 118 | 122 | 118 | 53  | 112 | 110 | 113 | 100 | 113 | 100 | 64  | 28  | 36    | 43    | 41  | 44  | 45  | 2,757 |       |
| TETON IRRIGATION    | 12  | 11  | 10  | 9   | 10  | 11  | 13  | 13  | 11  | 11   | 3   | 9   | 13  | 13  | 10  | 10  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1     | 1     | 1   | 1   | 1   | 202   |       |
| GOOD LUCK           | 16  | 17  | 16  | 15  | 18  | 0   | 0   | 11  | 0   | 11   | 0   | 11  | 0   | 11  | 0   | 11  | 0   | 11  | 0   | 11  | 0   | 11  | 0   | 11  | 0     | 11    | 0   | 11  | 0   | 95    |       |
| PIONEER             | 21  | 20  | 16  | 16  | 15  | 17  | 17  | 18  | 20  | 20   | 22  | 20  | 17  | 11  | 11  | 11  | 11  | 12  | 8   | 9   | 9   | 10  | 12  | 11  | 10    | 9     | 9   | 9   | 8   | 426   |       |
| STEWART             | 16  | 16  | 15  | 15  | 10  | 10  | 10  | 10  | 10  | 10   | 10  | 10  | 10  | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 9     | 9     | 9   | 9   | 9   | 315   |       |
| PINCOCK-BYINGTON    | 13  | 13  | 13  | 13  | 13  | 14  | 14  | 14  | 14  | 14   | 14  | 14  | 14  | 14  | 14  | 16  | 16  | 16  | 16  | 16  | 16  | 16  | 16  | 16  | 16    | 16    | 16  | 16  | 3   | 365   |       |
| PINCOCK-GARNER      | 1   | 1   | 0   | 1   | 0   | 1   | 1   | 1   | 1   | 1    | 1   | 1   | 1   | 1   | 1   | 0   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1     | 1     | 1   | 1   | 1   | 12    |       |
| GARDNER             | 355 | 358 | 359 | 365 | 356 | 370 | 388 | 376 | 376 | 422  | 334 | 334 | 300 | 280 | 264 | 252 | 252 | 248 | 200 | 212 | 219 | 212 | 221 | 230 | 220   | 210   | 201 | 201 | 200 | 200   | 8,696 |
| TETON ISLAND FEEDER | 14  | 13  | 13  | 8   | 8   | 7   | 6   | 1   | 4   | 13   | 20  | 24  | 5   | 20  | 10  | 10  | 9   | 10  | 3   | 3   | 5   | 5   | 4   | 2   | 2     | 1     | 1   | 1   | 1   | 1     | 0     |
| NORTH SALEM         | 7   | 7   | 8   | 8   | 4   | 0   | 29  | 27  | 26  | 25   | 9   | 9   | 9   | 12  | 12  | 13  | 13  | 12  | 12  | 23  | 9   | 9   | 9   | 9   | 9     | 9     | 9   | 20  | 30  | 225   |       |
| ROXANA              | 17  | 15  | 17  | 19  | 28  | 23  | 14  | 14  | 12  | 21   | 20  | 35  | 34  | 36  | 16  | 8   | 9   | 10  | 19  | 17  | 19  | 21  | 21  | 22  | 23    | 24    | 16  | 7   | 6   | 571   |       |
| WOODMANSEE-JOHNSON  | 3   | Q   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    | 1   | 3   | 3   | 3   | 0   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3     | 3     | 2   | 2   | 2   | 21    |       |
| EAMES-THOMPSON      | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2     | 2     | 2   | 2   | 2   | 13    |       |
| MC CORMICK-ROWE     | 21  | 9   | 9   | 9   | 40  | 40  | 39  | 39  | 39  | 39   | 36  | 33  | 21  | 21  | 21  | 21  | 21  | 21  | 21  | 21  | 21  | 14  | 13  | 14  | 14    | 9     | 4   | 4   | 4   | 670   |       |
| CITY OF REXBURG     | 183 | 180 | 180 | 191 | 210 | 180 | 157 | 162 | 162 | 192  | 181 | 181 | 151 | 147 | 149 | 155 | 130 | 130 | 128 | 131 | 136 | 93  | 50  | 6   | 11    | 16    | 21  | 73  | 125 | 125   | 4,059 |
| REXBURG IRRIGATION  | 34  | 31  | 31  | 31  | 32  | 32  | 28  | 25  | 24  | 24   | 36  | 43  | 43  | 28  | 29  | 25  | 25  | 22  | 24  | 24  | 24  | 22  | 21  | 20  | 16    | 12    | 7   | 10  | 13  | 13    | 762   |
| SAUREY-SOMMERS      | 961 | 955 | 971 | 985 | 895 | 962 | 939 | 952 | 940 | 1034 | 946 | 951 | 877 | 804 | 750 | 649 | 697 | 686 | 630 | 645 | 654 | 578 | 501 | 428 | 418   | 406   | 395 | 434 | 471 | 480   | 490   |
| TOTAL TETON RIVER   |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |     |     |     |       |       |





| GRASSY<br>LAKE<br>STORAGE<br>RELEASE | STORED<br>DIVERSIONS<br>ASHTON TO<br>ST. ANTHONY | HENRYS FORK<br>AT ST. ANTHONY |        |       | STORED DIVERSIONS<br>ST. ANTHONY TO REXBURG |                | DATE   | HENRYS FORK<br>NEAR REXBURG |        |       |
|--------------------------------------|--------------------------------------------------|-------------------------------|--------|-------|---------------------------------------------|----------------|--------|-----------------------------|--------|-------|
|                                      |                                                  | STORED                        | NORMAL | TOTAL | HENRYS<br>FORK                              | TETON<br>RIVER |        | STORED                      | NORMAL | TOTAL |
| (1)                                  |                                                  |                               |        |       |                                             |                |        |                             |        |       |
| - 16                                 | 3                                                | - 64                          | 2,544  | 2,480 |                                             |                | AUG 21 | - 64                        | 3,924  | 3,860 |
| - 16                                 | 3                                                | - 56                          | 2,586  | 2,530 |                                             |                | 22     | - 56                        | 4,016  | 3,960 |
| - 16                                 | 3                                                | -246                          | 2,626  | 2,380 |                                             |                | 23     | -246                        | 4,216  | 3,970 |
| - 16                                 | 3                                                | -168                          | 2,438  | 2,270 |                                             |                | 24     | -168                        | 4,028  | 3,860 |
| - 16                                 | 3                                                | -100                          | 2,060  | 1,960 |                                             |                | 25     | -100                        | 3,700  | 3,600 |
| - 32                                 | 3                                                | - 67                          | 1,797  | 1,730 |                                             |                | 26     | - 67                        | 3,167  | 3,100 |
| - 32                                 | 3                                                | - 18                          | 1,658  | 1,640 |                                             |                | 27     | - 18                        | 2,758  | 2,740 |
| - 32                                 | 3                                                | 30                            | 1,550  | 1,580 |                                             |                | 28     | 30                          | 2,480  | 2,510 |
| - 32                                 | 3                                                | - 4                           | 1,496  | 1,500 |                                             |                | 29     | - 4                         | 2,214  | 2,210 |
| - 32                                 | 3                                                | - 56                          | 1,284  | 1,340 |                                             |                | 30     | - 56                        | 2,096  | 2,040 |
| - 32                                 | 3                                                | - 56                          | 1,234  | 1,290 |                                             |                | 31     | - 56                        | 1,976  | 1,920 |
| - 32                                 | 3                                                | - 56                          | 1,204  | 1,260 |                                             |                | SEPT 1 | - 56                        | 1,876  | 1,820 |
| - 32                                 | 3                                                | - 56                          | 1,256  | 1,200 |                                             |                | 2      | - 56                        | 1,756  | 1,700 |
| - 32                                 | 3                                                | - 65                          | 1,195  | 1,130 |                                             |                | 3      | - 65                        | 1,715  | 1,650 |
| - 22                                 | 3                                                | - 60                          | 1,190  | 1,130 |                                             |                | 4      | - 60                        | 1,720  | 1,660 |
| - 20                                 | 3                                                | - 58                          | 1,198  | 1,140 |                                             |                | 5      | - 58                        | 1,668  | 1,610 |
| - 14                                 | 3                                                | - 52                          | 1,182  | 1,130 |                                             |                | 6      | - 52                        | 1,612  | 1,560 |
| - 4                                  | 4                                                | - 43                          | 1,133  | 1,090 |                                             |                | 7      | - 43                        | 1,543  | 1,500 |
| - 4                                  | 4                                                | - 49                          | 1,129  | 1,080 |                                             |                | 8      | - 49                        | 1,509  | 1,460 |
| - 4                                  | 4                                                | - 49                          | 1,099  | 1,050 |                                             |                | 9      | - 49                        | 1,409  | 1,360 |
| - 4                                  | 75                                               | -120                          | 1,118  | 998   |                                             | 0              | 10     | -120                        | 1,390  | 1,270 |
| - 4                                  | 242                                              | -282                          | 1,268  | 986   |                                             | 42             | 11     | -324                        | 1,534  | 1,210 |
| - 4                                  | 242                                              | -282                          | 1,244  | 962   | 0                                           | 72             | 12     | -354                        | 1,544  | 1,190 |
| - 4                                  | 327                                              | -367                          | 1,329  | 962   | 123                                         | 73             | 13     | -563                        | 1,753  | 1,190 |
| - 4                                  | 333                                              | -378                          | 1,328  | 950   | 196                                         | 72             | 14     | -646                        | 1,786  | 1,140 |
| - 8                                  | 311                                              | -360                          | 1,298  | 938   | 195                                         | 82             | 15     | -636                        | 1,776  | 1,140 |
| - 8                                  | 314                                              | -363                          | 1,301  | 938   | 184                                         | 98             | 16     | -645                        | 1,785  | 1,140 |
| - 7                                  | 312                                              | -355                          | 1,341  | 986   | 190                                         | 118            | 17     | -663                        | 1,863  | 1,200 |
| - 7                                  | 325                                              | -367                          | 1,341  | 974   | 190                                         | 137            | 18     | -694                        | 1,934  | 1,240 |
|                                      | 320                                              | -365                          | 1,315  | 950   | 166                                         | 136            | 19     | -667                        | 1,887  | 1,220 |
|                                      | 309                                              | -344                          | 1,306  | 962   | 165                                         | 121            | 20     | -630                        | 1,900  | 1,270 |
|                                      | 315                                              | -350                          | 1,348  | 998   | 163                                         | 105            | 21     | -618                        | 2,008  | 1,390 |
|                                      | 317                                              | -352                          | 1,472  | 1,120 | 127                                         | 106            | 22     | -585                        | 2,255  | 1,670 |
|                                      | 312                                              | -344                          | 1,564  | 1,220 | 125                                         | 109            | 23     | -578                        | 2,318  | 1,740 |
|                                      | 69                                               | -112                          | 1,292  | 1,180 | 0                                           | 36             | 24     | -148                        | 1,898  | 1,750 |
|                                      | 0                                                |                               |        |       |                                             | 30             | 25     | - 30                        | 1,800  | 1,770 |
| 2,980                                | 25,292                                           | 3,997                         |        |       | 5,574                                       | 8,766          |        | 10,343                      |        |       |





# SEGREGATION OF FLOW 1968

OUR SECOND - FEET EXCEPT AS NOTED

| FORK<br>EXBURG |       |
|----------------|-------|
| NORMAL         | TOTAL |
| 289            | 1,250 |
| 516            | 1,410 |
| 588            | 1,650 |
| 284            | 1,510 |
| 409            | 1,410 |
| 363            | 1,480 |
| 441            | 1,460 |
| 276            | 1,350 |
| 222            | 1,280 |
| 081            | 1,200 |
| 951            | 1,110 |
| 885            | 1,050 |
| 821            | 1,080 |
| 823            | 1,030 |
| 699            | 902   |
| 938            | 868   |
| 180            | 868   |
| 155            | 932   |
| 044            | 932   |
| 186            | 1,060 |
| 111            | 1,200 |
| 131            | 1,270 |
| 357            | 1,390 |
| 391            | 1,350 |
| 300            | 1,330 |
| 315            | 1,220 |
| 473            | 1,260 |
| 558            | 1,330 |
| 481            | 1,260 |
| 450            | 1,260 |
| 335            | 1,140 |
| 470            | 1,090 |
| 673            | 1,230 |
| 2,004          | 1,480 |
| 2,057          | 1,680 |
| 2,095          | 1,760 |
| 1,766          | 2,160 |
| 2,370          | 2,750 |
| 2,685          | 2,910 |
| 2,711          | 2,820 |
| 2,641          | 2,670 |
| 2,840          | 2,840 |
| 3,235          | 3,220 |

| DATE   | HENRYS<br>LAKE<br>CONTENTS<br>ACRE-FEET | HENRYS FORK<br>NEAR LAKE |        |       | STORED<br>LOSS<br>LAKE TO<br>ISLAND PARK | STORED<br>DIVERSIONS<br>ABOVE<br>ISLAND PARK | F.M.DIST.<br>SHERIDAN<br>CREEK<br>RIGHT | STORED<br>INFLOW TO<br>ISLAND PARK<br>RESERVOIR |
|--------|-----------------------------------------|--------------------------|--------|-------|------------------------------------------|----------------------------------------------|-----------------------------------------|-------------------------------------------------|
|        |                                         | STORED                   | NORMAL | TOTAL |                                          |                                              |                                         |                                                 |
| AUG 18 |                                         | 140                      | 57     | 197   | 6                                        | 5                                            | 12                                      | 141                                             |
| 19     |                                         | 140                      | 57     | 197   | 6                                        | 5                                            | 12                                      | 141                                             |
| 20     |                                         | 140                      | 57     | 197   | 6                                        | 5                                            | 12                                      | 141                                             |
| 21     |                                         | 140                      | 57     | 197   | 6                                        | 5                                            | 12                                      | 141                                             |
| 22     | 77,800                                  | 100                      | 41     | 141   | 4                                        | 5                                            | 12                                      | 103                                             |
| 23     |                                         | 35                       | 60     | 95    | 1                                        | 5                                            | 12                                      | 41                                              |
| 24     |                                         | 35                       | 60     | 95    | 1                                        | 5                                            | 12                                      | 41                                              |
| 25     |                                         | 35                       | 60     | 95    | 1                                        | 5                                            | 12                                      | 41                                              |
| 26     |                                         | 35                       | 60     | 95    | 1                                        | 5                                            | 12                                      | 41                                              |
| 27     |                                         | 35                       | 60     | 95    | 1                                        | 5                                            | 12                                      | 41                                              |
| 28     |                                         | 35                       | 60     | 95    | 1                                        | 5                                            | 12                                      | 41                                              |
| 29     |                                         | 35                       | 60     | 95    | 1                                        | 5                                            | 12                                      | 41                                              |
| 30     |                                         | 35                       | 60     | 95    | 1                                        | 5                                            | 12                                      | 41                                              |
| 31     |                                         | 35                       | 60     | 95    | 1                                        | 5                                            | 12                                      | 41                                              |
| SEPT 1 |                                         | 30                       | 67     | 97    | 1                                        | 5                                            | 12                                      | 36                                              |
| 2      |                                         | 30                       | 67     | 97    | 1                                        | 5                                            | 12                                      | 36                                              |
| 3      |                                         | 30                       | 67     | 97    | 1                                        | 5                                            | 12                                      | 36                                              |
| 4      |                                         | 30                       | 67     | 97    | 1                                        | 5                                            | 12                                      | 36                                              |
| 5      |                                         | 30                       | 67     | 97    | 1                                        | 5                                            | 12                                      | 36                                              |
| 6      |                                         | 30                       | 67     | 97    | 1                                        | 10                                           | 12                                      | 31                                              |
| 7      |                                         | 30                       | 67     | 97    | 1                                        | 10                                           | 12                                      | 31                                              |
| 8      | 76,600                                  | 0                        | 70     | 70    | 0                                        | 10                                           | 12                                      | 2                                               |
| 9      |                                         | - 30                     | 81     | 51    | - 1                                      | 10                                           | 12                                      | - 27                                            |
| 10     |                                         | - 30                     | 81     | 51    | - 1                                      | 10                                           | 12                                      | - 27                                            |
| 11     |                                         | - 30                     | 81     | 51    | - 1                                      | 10                                           | 12                                      | - 27                                            |
| 12     |                                         | - 30                     | 81     | 51    | - 1                                      | 10                                           | 12                                      | - 27                                            |
| 13     |                                         | - 30                     | 81     | 51    | - 1                                      | 10                                           | 12                                      | - 27                                            |
| 14     |                                         | - 30                     | 81     | 51    | - 1                                      | 10                                           | 12                                      | - 27                                            |
| 15     |                                         | - 30                     | 81     | 51    | - 1                                      | 10                                           | 12                                      | - 27                                            |
| 16     |                                         | - 30                     | 81     | 51    | - 1                                      | 10                                           | 12                                      | - 27                                            |
| 17     |                                         | - 30                     | 81     | 51    | - 1                                      | 10                                           | 12                                      | - 27                                            |
| 18     |                                         | - 30                     | 81     | 51    | - 1                                      | 10                                           | 12                                      | - 27                                            |
| 19     |                                         | - 30                     | 81     | 51    | - 1                                      | 10                                           | 12                                      | - 27                                            |
| 20     |                                         | - 30                     | 81     | 51    | - 1                                      | 10                                           | 12                                      | - 27                                            |
| 21     |                                         | - 30                     | 81     | 51    | - 1                                      | 5                                            | 12                                      | - 22                                            |
|        | (77,100)                                |                          |        |       |                                          | 0                                            |                                         |                                                 |
| TOTAL  |                                         | 4,625                    |        |       | 189                                      | 670                                          | 900                                     | 4,666                                           |

# HENRYS FORK - DAILY SEGREG

24 HOUR SECOND - FEET

| TOTAL | GRASSY LAKE STORAGE RELEASE | STORED DIVERSIONS ASHTON TO ST. ANTHONY | HENRYS FORK AT ST. ANTHONY |        |       | STORED DIVERSIONS ST. ANTHONY TO REXBURG |             | DATE   | HENRYS FORK NEAR REXBURG |        |       |
|-------|-----------------------------|-----------------------------------------|----------------------------|--------|-------|------------------------------------------|-------------|--------|--------------------------|--------|-------|
|       |                             |                                         | STORED                     | NORMAL | TOTAL | HENRYS FORK                              | TETON RIVER |        | STORED                   | NORMAL | TOTAL |
|       | (1)                         |                                         |                            |        |       |                                          |             |        |                          |        |       |
| 1,620 |                             |                                         | 0                          | 880    | 880   |                                          | 39          | JULY 9 | - 39                     | 1,289  | 1,250 |
| 1,810 |                             | 188                                     | 83                         | 937    | 1,020 |                                          | 189         | 10     | - 106                    | 1,516  | 1,410 |
| 1,970 |                             | 182                                     | 233                        | 997    | 1,230 |                                          | 171         | 11     | 62                       | 1,588  | 1,650 |
| 1,920 |                             | 31                                      | 443                        | 677    | 1,120 |                                          | 217         | 12     | 226                      | 1,284  | 1,510 |
| 1,920 |                             | 324                                     | 160                        | 790    | 950   |                                          | 159         | 13     | 1                        | 1,409  | 1,410 |
| 2,080 |                             | 321                                     | 250                        | 800    | 1,050 |                                          | 133         | 14     | 117                      | 1,363  | 1,480 |
| 2,110 |                             | 534                                     | 145                        | 925    | 1,070 |                                          | 126         | 15     | 19                       | 1,441  | 1,460 |
| 2,060 |                             | 496                                     | 192                        | 878    | 1,070 |                                          | 118         | 16     | 74                       | 1,276  | 1,350 |
| 2,060 |                             | 486                                     | 202                        | 818    | 1,020 |                                          | 144         | 17     | 58                       | 1,222  | 1,280 |
| 1,990 |                             | 459                                     | 229                        | 791    | 1,020 |                                          | 110         | 18     | 119                      | 1,081  | 1,200 |
| 1,990 | 40                          | 458                                     | 270                        | 760    | 1,030 |                                          | 111         | 19     | 159                      | 951    | 1,110 |
| 1,970 | 70                          | 499                                     | 259                        | 751    | 1,010 |                                          | 94          | 20     | 165                      | 885    | 1,050 |
| 1,970 | 90                          | 430                                     | 338                        | 682    | 1,020 |                                          | 79          | 21     | 259                      | 821    | 1,080 |
| 1,970 | 90                          | 489                                     | 269                        | 761    | 1,030 |                                          | 62          | 22     | 207                      | 823    | 1,030 |
| 1,970 | 90                          | 489                                     | 279                        | 659    | 938   |                                          | 76          | 23     | 203                      | 699    | 902   |
| 1,940 | 90                          | 492                                     | 276                        | 604    | 880   |                                          | 346         | 24     | - 70                     | 938    | 868   |
| 1,940 | 90                          | 746                                     | 22                         | 892    | 914   |                                          | 334         | 25     | - 312                    | 1,180  | 868   |
| 2,200 | 90                          | 767                                     | 118                        | 932    | 1,050 |                                          | 341         | 26     | - 223                    | 1,155  | 932   |
| 2,280 | 90                          | 763                                     | 268                        | 752    | 1,020 |                                          | 380         | 27     | - 112                    | 1,044  | 932   |
| 2,300 | 90                          | 794                                     | 256                        | 754    | 1,010 |                                          | 382         | 28     | - 126                    | 1,186  | 1,060 |
| 2,500 | 160                         | 778                                     | 449                        | 721    | 1,170 |                                          | 360         | 29     | 89                       | 1,111  | 1,200 |
| 2,500 | 160                         | 777                                     | 528                        | 722    | 1,250 | 0                                        | 389         | 30     | 139                      | 1,131  | 1,270 |
| 2,520 | 160                         | 673                                     | 613                        | 817    | 1,430 | 305                                      | 275         | 31     | 33                       | 1,357  | 1,390 |
| 2,520 | 160                         | 738                                     | 558                        | 812    | 1,370 | 328                                      | 271         | AUG 1  | - 41                     | 1,391  | 1,350 |
| 2,520 | 150                         | 774                                     | 521                        | 849    | 1,370 | 288                                      | 203         | 2      | 30                       | 1,300  | 1,330 |
| 2,250 | 150                         | 770                                     | 409                        | 801    | 1,210 | 275                                      | 229         | 3      | - 95                     | 1,315  | 1,220 |
| 2,300 | 150                         | 753                                     | 308                        | 902    | 1,210 | 301                                      | 220         | 4      | - 213                    | 1,473  | 1,260 |
| 2,300 | 144                         | 745                                     | 291                        | 939    | 1,230 | 290                                      | 229         | 5      | - 228                    | 1,558  | 1,330 |
| 2,250 | 140                         | 736                                     | 267                        | 993    | 1,260 | 263                                      | 225         | 6      | - 221                    | 1,481  | 1,260 |
| 2,300 | 140                         | 720                                     | 263                        | 967    | 1,230 | 269                                      | 184         | 7      | - 190                    | 1,450  | 1,260 |
| 2,180 | 140                         | 697                                     | 257                        | 903    | 1,160 | 281                                      | 171         | 8      | - 195                    | 1,335  | 1,140 |
| 2,130 | 130                         | 710                                     | 68                         | 962    | 1,030 | 271                                      | 177         | 9      | - 380                    | 1,470  | 1,090 |
| 2,180 | 120                         | 740                                     | 9                          | 1,051  | 1,060 | 278                                      | 174         | 10     | - 443                    | 1,673  | 1,230 |
| 2,160 | 120                         | 769                                     | - 40                       | 1,240  | 1,200 | 237                                      | 247         | 11     | - 524                    | 2,004  | 1,480 |
| 2,230 | 120                         | 696                                     | 14                         | 1,246  | 1,260 | 192                                      | 199         | 12     | - 377                    | 2,057  | 1,680 |
| 2,250 | 120                         | 617                                     | 35                         | 1,255  | 1,290 | 172                                      | 198         | 13     | - 335                    | 2,095  | 1,760 |
| 2,200 | 120                         | 181                                     | 423                        | 847    | 1,270 | 0                                        | 29          | 14     | 394                      | 1,766  | 2,160 |
| 2,450 | 120                         | 142                                     | 413                        | 1,427  | 1,840 |                                          | 33          | 15     | 380                      | 2,370  | 2,750 |
| 2,110 | 120                         | 121                                     | 230                        | 1,610  | 1,840 |                                          | 5           | 16     | 225                      | 2,685  | 2,910 |
| 2,040 | 60                          | 3                                       | 109                        | 1,901  | 2,010 |                                          | 0           | 17     | 109                      | 2,711  | 2,820 |
| 1,970 | - 16                        | 8                                       | 29                         | 1,671  | 1,700 |                                          |             | 18     | 29                       | 2,641  | 2,670 |
| 1,990 | - 16                        | 7                                       | 0                          | 1,730  | 1,730 |                                          |             | 19     | 0                        | 2,840  | 2,840 |
| 2,040 | - 6                         | 3                                       | - 15                       | 2,025  | 2,010 |                                          |             | 20     | - 15                     | 3,235  | 3,220 |

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| ST. AN | STORED INFLOW TO ISLANDPARK RESERVOIR | DATE   | ISLAND PARK RESERVOIR CONTENTS ACRE-FOOT | HENRYS FORK NEAR ISLAND PARK |        |       | ISLAND PARK TO ASHTON |                   | DATE   | HENRYS FORK NEAR ASHTON |        |       | GRAS LAKI STOR RELE |
|--------|---------------------------------------|--------|------------------------------------------|------------------------------|--------|-------|-----------------------|-------------------|--------|-------------------------|--------|-------|---------------------|
|        |                                       |        |                                          | STORED                       | NORMAL | TOTAL | STORED LOSS           | STORED DIVERSIONS |        | STORED                  | NORMAL | TOTAL |                     |
|        |                                       | JULY 7 | 133,830                                  | 0                            | 621    | 621   | 0                     |                   | JULY 8 | 0                       | 1,620  | 1,620 |                     |
|        |                                       | 8      | 133,750                                  | 278                          | 570    | 848   | 7                     |                   | 9      | 271                     | 1,539  | 1,810 |                     |
|        |                                       | 9      | 133,190                                  | 430                          | 550    | 980   | 11                    | 4                 | 10     | 415                     | 1,555  | 1,970 |                     |
| 2      | 2                                     | 10     | 132,150                                  | 490                          | 540    | 1,030 | 12                    | 4                 | 11     | 474                     | 1,446  | 1,920 |                     |
| 2      | 2                                     | 11     | 131,200                                  | 500                          | 530    | 1,030 | 12                    | 4                 | 12     | 484                     | 1,436  | 1,920 |                     |
| 2      | 2                                     | 12     | 130,240                                  | 590                          | 520    | 1,110 | 15                    | 4                 | 13     | 571                     | 1,509  | 2,080 |                     |
| 2      | 2                                     | 13     | 128,830                                  | 700                          | 510    | 1,210 | 17                    | 4                 | 14     | 679                     | 1,431  | 2,110 |                     |
| 2      | 2                                     | 14     | 127,260                                  | 710                          | 500    | 1,210 | 18                    | 4                 | 15     | 688                     | 1,372  | 2,060 |                     |
| 2      | 2                                     | 15     | 125,940                                  | 710                          | 500    | 1,210 | 19                    | 4                 | 16     | 688                     | 1,372  | 2,060 |                     |
| 2      | 2                                     | 16     | 124,480                                  | 710                          | 500    | 1,210 | 18                    | 4                 | 17     | 688                     | 1,302  | 1,990 |                     |
| 2      | 2                                     | 17     | 122,940                                  | 710                          | 500    | 1,210 | 18                    | 4                 | 18     | 688                     | 1,302  | 1,990 |                     |
| 2      | 2                                     | 18     | 121,500                                  | 710                          | 500    | 1,210 | 18                    | 4                 | 19     | 688                     | 1,282  | 1,970 |                     |
| 2      | 2                                     | 19     | 120,060                                  | 700                          | 500    | 1,200 | 17                    | 5                 | 20     | 678                     | 1,292  | 1,970 |                     |
| 2      | 2                                     | 20     | 118,560                                  | 690                          | 500    | 1,190 | 17                    | 5                 | 21     | 668                     | 1,302  | 1,970 |                     |
|        | 2                                     | 21     | 117,080                                  | 700                          | 490    | 1,190 | 17                    | 5                 | 22     | 678                     | 1,292  | 1,970 |                     |
| 2      | 2                                     | 22     | 115,740                                  | 700                          | 480    | 1,180 | 17                    | 5                 | 23     | 678                     | 1,262  | 1,940 |                     |
| 2      | 50                                    | 23     | 114,350                                  | 700                          | 470    | 1,170 | 17                    | 5                 | 24     | 678                     | 1,262  | 1,940 |                     |
| 2      | 146                                   | 24     | 113,110                                  | 820                          | 460    | 1,280 | 20                    | 5                 | 25     | 795                     | 1,405  | 2,200 |                     |
| 2      | 146                                   | 25     | 111,810                                  | 970                          | 450    | 1,420 | 24                    | 5                 | 26     | 941                     | 1,339  | 2,280 |                     |
| 2      | 146                                   | 26     | 110,160                                  | 990                          | 450    | 1,440 | 25                    | 5                 | 27     | 960                     | 1,340  | 2,300 |                     |
| 2      | 141                                   | 27     | 108,590                                  | 1,100                        | 450    | 1,550 | 28                    | 5                 | 28     | 1,067                   | 1,433  | 2,500 |                     |
| 2      | 141                                   | 28     | 106,820                                  | 1,180                        | 450    | 1,630 | 30                    | 5                 | 29     | 1,145                   | 1,355  | 2,500 |                     |
| 2      | 141                                   | 29     | 104,740                                  | 1,160                        | 450    | 1,610 | 29                    | 5                 | 30     | 1,126                   | 1,394  | 2,520 |                     |
| 2      | 141                                   | 30     | 102,730                                  | 1,170                        | 450    | 1,620 | 29                    | 5                 | 31     | 1,136                   | 1,384  | 2,520 |                     |
| 2      | 141                                   | 31     | 100,490                                  | 1,180                        | 450    | 1,630 | 30                    | 5                 | AUG 1  | 1,145                   | 1,375  | 2,520 |                     |
| 2      | 141                                   | AUG 1  | 98,680                                   | 1,060                        | 460    | 1,520 | 26                    | 5                 | 2      | 1,029                   | 1,221  | 2,250 |                     |
| 2      | 141                                   | 2      | 97,080                                   | 940                          | 480    | 1,420 | 24                    | 5                 | 3      | 911                     | 1,389  | 2,300 |                     |
| 2      | 141                                   | 3      | 95,560                                   | 920                          | 500    | 1,420 | 23                    | 5                 | 4      | 892                     | 1,408  | 2,300 |                     |
| 2      | 141                                   | 4      | 94,130                                   | 890                          | 520    | 1,410 | 22                    | 5                 | 5      | 863                     | 1,387  | 2,250 |                     |
| 2      | 141                                   | 5      | 92,640                                   | 870                          | 540    | 1,410 | 22                    | 5                 | 6      | 843                     | 1,457  | 2,300 |                     |
| 2      | 141                                   | 6      | 91,180                                   | 840                          | 560    | 1,400 | 21                    | 5                 | 7      | 814                     | 1,366  | 2,180 |                     |
| 2      | 141                                   | 7      | 89,660                                   | 670                          | 580    | 1,250 | 17                    | 5                 | 8      | 648                     | 1,482  | 2,130 |                     |
| 2      | 141                                   | 8      | 88,590                                   | 650                          | 600    | 1,250 | 16                    | 5                 | 9      | 629                     | 1,551  | 2,180 |                     |
| 2      | 141                                   | 9      | 87,470                                   | 630                          | 620    | 1,250 | 16                    | 5                 | 10     | 609                     | 1,551  | 2,160 |                     |
| 2      | 141                                   | 10     | 86,420                                   | 610                          | 640    | 1,250 | 15                    | 5                 | 11     | 590                     | 1,640  | 2,230 |                     |
| 2      | 141                                   | 11     | 85,680                                   | 550                          | 700    | 1,250 | 14                    | 4                 | 12     | 532                     | 1,718  | 2,250 |                     |
| 2      | 136                                   | 12     | 85,020                                   | 500                          | 750    | 1,250 | 12                    | 4                 | 13     | 484                     | 1,716  | 2,200 |                     |
| 2      | 136                                   | 13     | 83,870                                   | 450                          | 800    | 1,250 | 11                    | 4                 | 14     | 435                     | 2,015  | 2,450 |                     |
| 2      | 136                                   | 14     | 83,270                                   | 240                          | 850    | 1,090 | 6                     | 3                 | 15     | 231                     | 1,879  | 2,110 |                     |
| 2      | 136                                   | 15     | 83,270                                   | 56                           | 900    | 956   | 1                     | 3                 | 16     | 52                      | 1,988  | 2,040 |                     |
| 2      | 136                                   | 16     | 83,390                                   | 56                           | 900    | 956   | 1                     | 2                 | 17     | 53                      | 1,917  | 1,970 |                     |
| 2      | 141                                   | 17     | 82,910                                   | 26                           | 930    | 956   | 1                     | 2                 | 18     | 23                      | 1,967  | 1,990 |                     |
| 2      | 141                                   | 18     | 82,850                                   | 6                            | 950    | 956   | 0                     | 2                 | 19     | 4                       | 2,036  | 2,040 |                     |



| DATE   | HENRYS LAKE | HENRYS FORK<br>NEAR LAKE |        |       | STORED<br>LOSS<br>LAKE TO | STORED<br>DIVERSIONS<br>ABOVE | F.M. DIST.<br>SHERIDAN<br>CREEK | STORED<br>INFLOW TO<br>ISLANDPARK<br>RESERVOIR | DATE   | ISLAND PARK<br>RESERVOIR<br>CONTENTS | ST |
|--------|-------------|--------------------------|--------|-------|---------------------------|-------------------------------|---------------------------------|------------------------------------------------|--------|--------------------------------------|----|
|        | ACRE-FEET   | STORED                   | NORMAL | TOTAL | ISLANDPARK                | ISLANDPARK                    | RIGHT                           |                                                |        | ACRE- FEET                           |    |
| JULY 6 |             |                          |        | 80    |                           |                               |                                 |                                                | JULY 7 | 133,830                              |    |
| 7      |             |                          |        | 80    |                           |                               |                                 |                                                | 8      | 133,750                              |    |
| 8      |             |                          |        | 71    |                           |                               |                                 |                                                | 9      | 133,190                              |    |
| 9      |             |                          |        | 42    |                           | 10                            | 12                              | 2                                              | 10     | 132,150                              |    |
| 10     |             |                          |        | 41    |                           | 10                            | 12                              | 2                                              | 11     | 131,200                              |    |
| 11     |             |                          |        | 41    |                           | 10                            | 12                              | 2                                              | 12     | 130,240                              |    |
| 12     |             |                          |        | 39    |                           | 10                            | 12                              | 2                                              | 13     | 128,830                              |    |
| 13     |             |                          |        | 39    |                           | 10                            | 12                              | 2                                              | 14     | 127,260                              |    |
| 14     |             |                          |        | 39    |                           | 10                            | 12                              | 2                                              | 15     | 125,940                              |    |
| 15     |             |                          |        | 38    |                           | 10                            | 12                              | 2                                              | 16     | 124,480                              |    |
| 16     |             |                          |        | 39    |                           | 10                            | 12                              | 2                                              | 17     | 122,940                              |    |
| 17     |             |                          |        | 39    |                           | 10                            | 12                              | 2                                              | 18     | 121,500                              |    |
| 18     |             |                          |        | 38    |                           | 10                            | 12                              | 2                                              | 19     | 120,060                              |    |
| 19     |             |                          |        | 36    |                           | 10                            | 12                              | 2                                              | 20     | 118,560                              |    |
| 20     |             |                          |        | 34    |                           | 10                            | 12                              | 2                                              | 21     | 117,080                              |    |
| 21     |             | 0                        |        | 34    |                           | 10                            | 12                              | 2                                              | 22     | 115,740                              |    |
| 22     | 86,800      | 50                       | 54     | 104   | 2                         | 10                            | 12                              | 50                                             | 23     | 114,350                              |    |
| 23     |             | 150                      | 67     | 217   | 6                         | 10                            | 12                              | 146                                            | 24     | 113,110                              |    |
| 24     |             | 150                      | 60     | 210   | 6                         | 10                            | 12                              | 146                                            | 25     | 111,810                              |    |
| 25     |             | 150                      | 56     | 206   | 6                         | 10                            | 12                              | 146                                            | 26     | 110,160                              |    |
| 26     |             | 150                      | 54     | 204   | 6                         | 15                            | 12                              | 141                                            | 27     | 108,590                              |    |
| 27     |             | 150                      | 52     | 202   | 6                         | 15                            | 12                              | 141                                            | 28     | 106,820                              |    |
| 28     |             | 150                      | 45     | 195   | 6                         | 15                            | 12                              | 141                                            | 29     | 104,740                              |    |
| 29     |             | 150                      | 43     | 193   | 6                         | 15                            | 12                              | 141                                            | 30     | 102,730                              |    |
| 30     |             | 150                      | 43     | 193   | 6                         | 15                            | 12                              | 141                                            | 31     | 100,490                              |    |
| 31     |             | 150                      | 45     | 195   | 6                         | 15                            | 12                              | 141                                            | AUG 1  | 98,680                               |    |
| AUG 1  |             | 145                      | 52     | 197   | 6                         | 10                            | 12                              | 141                                            | 2      | 97,080                               |    |
| 2      |             | 145                      | 52     | 197   | 6                         | 10                            | 12                              | 141                                            | 3      | 95,560                               |    |
| 3      |             | 145                      | 52     | 197   | 6                         | 10                            | 12                              | 141                                            | 4      | 94,130                               |    |
| 4      |             | 145                      | 52     | 197   | 6                         | 10                            | 12                              | 141                                            | 5      | 92,640                               |    |
| 5      |             | 145                      | 50     | 195   | 6                         | 10                            | 12                              | 141                                            | 6      | 91,180                               |    |
| 6      |             | 145                      | 48     | 193   | 6                         | 10                            | 12                              | 141                                            | 7      | 89,660                               |    |
| 7      |             | 145                      | 50     | 195   | 6                         | 10                            | 12                              | 141                                            | 8      | 88,590                               |    |
| 8      |             | 145                      | 52     | 197   | 6                         | 10                            | 12                              | 141                                            | 9      | 87,470                               |    |
| 9      |             | 145                      | 52     | 197   | 6                         | 10                            | 12                              | 141                                            | 10     | 86,420                               |    |
| 10     |             | 145                      | 52     | 197   | 6                         | 10                            | 12                              | 141                                            | 11     | 85,680                               |    |
| 11     |             | 140                      | 57     | 197   | 6                         | 10                            | 12                              | 136                                            | 12     | 85,020                               |    |
| 12     |             | 140                      | 57     | 197   | 6                         | 10                            | 12                              | 136                                            | 13     | 83,870                               |    |
| 13     |             | 140                      | 57     | 197   | 6                         | 10                            | 12                              | 136                                            | 14     | 83,270                               |    |
| 14     |             | 140                      | 57     | 197   | 6                         | 10                            | 12                              | 136                                            | 15     | 83,270                               |    |
| 15     |             | 140                      | 57     | 197   | 6                         | 10                            | 12                              | 136                                            | 16     | 83,390                               |    |
| 16     |             | 140                      | 57     | 197   | 6                         | 5                             | 12                              | 141                                            | 17     | 82,910                               |    |
| 17     |             | 140                      | 57     | 197   | 6                         | 5                             | 12                              | 141                                            | 18     | 82,850                               |    |

|    |    |     |    |    |    | NO. | TOTAL           |               | RESERVOIR ALLOTMENTS IN ACRE- FEET |                |                 |         |         |                        |
|----|----|-----|----|----|----|-----|-----------------|---------------|------------------------------------|----------------|-----------------|---------|---------|------------------------|
| 0  | 21 | 22  | 23 | 24 | 25 |     | SECOND-<br>FEET | ACRE-<br>FEET | FREMONT-<br>MADISON                | HENRYS<br>LAKE | OTHER<br>RIGHTS | RENTALS | TOTAL   | HEADGATE<br>EQUIVALENT |
| 0  | 5  | 0   |    |    |    | 1   | 670             | 1,329         | 1,590                              |                | (1) 1,216       |         | 2,806   | 2,690                  |
| 2  | 2  | 0   |    |    |    | 2   | 257             | 510           | 549                                |                |                 |         | 549     | 535                    |
| 2  | 2  | 2   |    |    |    | 3   | 142             | 282           | 313                                |                |                 |         | 313     | 305                    |
| 1  | 1  | 1   |    |    |    | 4   | 286             | 567           | 765                                |                |                 |         | 765     | 746                    |
| 2  | 2  | 2   | 0  |    |    | 5   | 509             | 1,010         | 1,481                              |                |                 |         | 1,481   | 1,444                  |
| 6  | 6  | 6   | 0  |    |    | 6   | 330             | 655           | 190                                |                |                 | (2) 480 | 670     | 653                    |
| 6  | 5  | 5   | 5  | 0  |    | 7   | 459             | 910           | 240                                |                | (3) 672         |         | 912     | 889                    |
| 4  | 5  | 6   | 0  |    |    | 8   | 469             | 930           | 1,724                              |                |                 |         | 1,724   | 1,681                  |
| 61 | 62 | 62  | 0  |    |    | 9   | 4,688           | 9,299         | 19,973                             |                |                 |         | 19,973  | 19,474                 |
| 28 | 27 | 26  | 0  |    |    | 10  | 2,363           | 4,687         | 8,030                              |                |                 |         | 8,030   | 7,829                  |
|    |    |     |    |    |    | 11  | 28              | 56            | 80                                 |                |                 |         | 80      | 78                     |
| 4  | 64 | 64  | 64 | 0  |    | 12  | 6,190           | 12,278        | 10,180                             |                | (4) 16,071      |         | 26,251  | 24,991                 |
|    |    |     |    |    |    | 13  | 85              | 168           | 140                                |                |                 |         | 140     | 137                    |
|    |    |     |    |    |    | 14  | 455             | 902           | 8,045                              |                |                 |         | 8,045   | 7,844                  |
| 2  | 2  | 2   | 0  |    |    | 15  | 648             | 1,285         | 1,537                              |                |                 |         | 1,537   | 1,499                  |
|    |    |     |    |    |    | 16  | 15              | 30            | 511                                |                |                 |         | 511     | 498                    |
|    |    |     |    |    |    | 17  | 34              | 67            | 50                                 |                |                 |         | 50      | 49                     |
| 22 | 23 | 24  | 0  |    |    | 18  | 986             | 1,956         | 619                                | 1,183          | (5) 250         |         | 2,052   | 1,955                  |
| 78 | 76 | 70  | 0  |    |    | 19  | 3,802           | 7,541         | 1,875                              | 11,462         | (5) - 250       |         | 13,087  | 12,311                 |
|    |    |     |    |    |    | 20  | 933             | 1,851         | 3,421                              | 5,562          |                 |         | 8,983   | 8,541                  |
| 41 | 42 | 42  | 0  |    |    | 21  | 2,844           | 5,641         | 5,602                              |                |                 |         | 5,602   | 5,462                  |
|    |    |     |    |    |    | 22  | 0               | 0             | 5,705                              |                |                 |         | 5,705   | 5,562                  |
|    |    |     |    |    |    | 23  | 26              | 52            | 7,679                              | 20,036         |                 |         | 27,715  | 26,241                 |
| 5  | 37 | 312 | 69 | 0  |    | 24  | 25,292          | 50,167        | 78,160                             | 38,243         | 16,743          | 480     | 133,626 | 128,189                |
|    |    |     |    |    |    | 25  | 0               | 0             | 2,354                              | 5,562          |                 |         | 7,916   | 7,501                  |
| 32 | 27 | 125 | 0  |    |    | 26  | 5,322           | 10,556        | 9,294                              | 22,262         |                 |         | 31,556  | 29,899                 |
|    |    |     |    |    |    | 27  | 238             | 472           | 4,921                              | 16,693         |                 |         | 21,614  | 20,423                 |
| 1  | 0  |     |    |    |    | 28  | 14              | 28            | 28                                 |                |                 |         | 28      | 28                     |
| 33 | 27 | 125 | 0  |    |    | 29  | 5,574           | 11,056        | 16,597                             | 44,517         |                 |         | 61,114  | 57,851                 |

# AND FALL RIVER

# 1968

## SEPTEMBER

| 1 | 2 | 3 | 4 | 5 | 6  | 7  | 8  | 9  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24 | 25 |
|---|---|---|---|---|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| 5 | 5 | 5 | 5 | 5 | 10 | 10 | 10 | 10 | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 5   | 0   |     |    |    |
| 2 | 2 | 2 | 2 | 2 | 3  | 3  | 3  | 3  | 3   | 3   | 3   | 3   | 3   | 3   | 2   | 2   | 2   | 2   | 2   | 2   | 0   |     |    |    |
| 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1   | 1   | 1   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |     |    |    |
| 2 | 2 | 2 | 2 | 2 | 3  | 3  | 3  | 3  | 3   | 4   | 4   | 4   | 4   | 4   | 3   | 3   | 2   | 2   | 1   | 1   | 1   |     |    |    |
|   |   |   |   |   |    |    |    | 0  | 1   | 1   | 1   | 2   | 2   | 2   | 2   | 3   | 3   | 2   | 2   | 2   | 2   | 0   |    |    |
|   |   |   |   |   |    |    |    | 0  | 4   | 5   | 6   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 6   | 6   | 6   | 0   |    |    |
|   |   |   |   |   |    |    | 0  | 4  | 5   | 6   | 6   | 7   | 7   | 7   | 6   | 6   | 6   | 6   | 6   | 5   | 5   | 5   | 0  |    |
|   |   |   |   |   |    |    |    |    |     |     | 0   | 2   | 3   | 3   | 4   | 5   | 4   | 4   | 4   | 5   | 6   | 0   |    |    |
|   |   |   |   |   |    |    |    |    |     | 0   | 60  | 60  | 60  | 60  | 60  | 63  | 62  | 61  | 61  | 62  | 62  | 0   |    |    |
|   |   |   |   |   |    |    |    |    |     | 0   | 23  | 23  | 23  | 23  | 23  | 31  | 29  | 21  | 28  | 27  | 26  | 0   |    |    |
|   |   |   |   |   |    |    |    |    | 0   | 1   | 1   | 1   | 0   |     |     |     |     |     |     |     |     |     |    |    |
|   |   |   |   |   |    |    | 0  | 67 | 66  | 64  | 63  | 62  | 64  | 64  | 64  | 65  | 64  | 64  | 64  | 64  | 64  | 64  | 0  |    |
|   |   |   |   |   |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|   |   |   |   |   |    |    |    | 0  | 35  | 31  | 30  | 29  | 3   | 2   | 3   | 3   | 3   | 2   | 2   | 2   | 2   | 0   |    |    |
|   |   |   |   |   |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|   |   |   |   |   |    |    |    | 0  | 14  | 17  | 20  | 22  | 23  | 24  | 22  | 21  | 22  | 22  | 22  | 23  | 24  | 0   |    |    |
|   |   |   |   |   |    |    |    | 0  | 80  | 79  | 79  | 79  | 77  | 76  | 76  | 76  | 76  | 76  | 76  | 76  | 70  | 0   |    |    |
|   |   |   |   |   |    |    |    | 0  | 33  | 33  | 33  | 33  | 36  | 40  | 40  | 40  | 40  | 40  | 41  | 42  | 42  | 0   |    |    |
|   |   |   |   |   |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 3 | 3 | 3 | 3 | 3 | 4  | 4  | 4  | 75 | 242 | 242 | 327 | 333 | 311 | 314 | 312 | 325 | 320 | 309 | 315 | 317 | 312 | 69  | 0  |    |
|   |   |   |   |   |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|   |   |   |   |   |    |    |    |    |     |     | 0   | 123 | 196 | 194 | 183 | 189 | 189 | 165 | 164 | 162 | 127 | 125 | 0  |    |
|   |   |   |   |   |    |    |    |    |     |     | 0   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 0   |     |     |    |    |
|   |   |   |   |   |    |    |    |    |     |     | 0   | 123 | 196 | 195 | 184 | 190 | 190 | 166 | 165 | 163 | 127 | 125 | 0  |    |

5 A.F.; AMERICAN FALLS 10,188

ST CHANCE TO DEWEY



24 HOUR SECOND- FEET EXCEPT AS NOTED

[illegible]

(5) TRANSFER FROM LAST CHANCE TO DEWEY

# STORAGE DIVERSION

|     |     |     |     |     |     |     |     |     |     |     | AUG |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|
| 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16 | 17 | 18 | 19 | 20 |
| 10  | 10  | 10  | 10  | 15  | 15  | 15  | 15  | 15  | 15  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10 | 10 | 10 | 10 | 5  |
| 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 4   | 4   | 4   | 3   | 3   |    |    |    |    |    |
| 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 1   | 1   | 1   | 1   | 1   |    |    |    |    |    |
| 6   | 6   | 6   | 6   | 6   | 6   | 6   | 6   | 6   | 6   | 5   | 5   | 5   | 5   | 5   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4  | 4  | 4  | 4  | 2  |
| 23  | 23  | 23  | 23  | 23  | 13  | 12  | 11  | 11  | 10  | 10  | 9   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 9   | 9   | 6   | 8   | 0   |    |    |    |    |    |
| 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 7   | 7   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 0   |    |    |    |    |    |
| 16  | 16  | 16  | 15  | 15  | 15  | 15  | 12  | 14  | 12  | 12  | 12  | 13  | 6   | 7   | 6   | 7   | 7   | 7   | 8   | 8   | 8   | 8   | 0   |     |    |    |    |    |    |
|     |     | 27  | 29  | 23  | 26  | 25  | 21  | 21  | 22  | 10  | 20  | 19  | 20  | 20  | 17  | 0   | 24  | 27  | 33  | 26  | 19  | 0   |     |     |    |    |    |    |    |
|     |     | 219 | 221 | 222 | 226 | 225 | 228 | 215 | 215 | 208 | 208 | 187 | 187 | 191 | 191 | 191 | 189 | 189 | 181 | 163 | 161 | 0   |     |     |    |    |    |    |    |
| 43  | 42  | 87  | 87  | 87  | 90  | 90  | 90  | 90  | 90  | 90  | 90  | 90  | 84  | 84  | 85  | 82  | 82  | 82  | 82  | 82  | 82  | 0   |     |     |    |    |    |    |    |
| 1   | 1   | 1   | 1   | 0   | 1   | 0   | 1   | 1   | 1   | 1   | 0   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 0   |     |     |    |    |    |    |    |
| 147 | 143 | 144 | 143 | 140 | 150 | 148 | 150 | 58  | 145 | 146 | 144 | 146 | 148 | 145 | 143 | 143 | 141 | 145 | 153 | 149 | 135 | 134 | 135 | 113 |    |    |    |    |    |
| 2   | 2   | 2   | 2   | 1   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 1   | 1   | 1   | 1   | 1   | 3   | 2   | 2   | 1   | 2   | 3   |    |    |    |    |    |
| 12  | 7   | 7   | 7   | 8   | 33  | 27  | 22  | 22  | 12  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |
| 11  | 10  | 10  | 21  | 30  | 27  | 28  | 31  | 34  | 32  | 27  | 27  | 25  | 25  | 21  | 18  | 18  | 17  | 9   | 9   | 4   | 4   | 0   |     |     |    |    |    |    |    |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |
| 23  | 23  | 22  | 24  | 24  | 24  | 24  | 26  | 26  | 26  | 26  | 24  | 25  | 25  | 23  | 23  | 23  | 22  | 21  | 21  | 22  | 22  | 0   |     |     |    |    |    |    |    |
| 97  | 97  | 97  | 97  | 97  | 97  | 88  | 88  | 88  | 88  | 88  | 88  | 88  | 88  | 88  | 88  | 88  | 88  | 88  | 88  | 88  | 88  | 0   |     |     |    |    |    |    |    |
|     |     |     |     |     |     |     |     |     | 0   | 70  | 67  | 68  | 76  | 70  | 68  | 65  | 62  | 69  | 88  | 69  | 35  | 33  | 0   |     |    |    |    |    |    |
| 97  | 103 | 74  | 68  | 74  | 73  | 77  | 78  | 74  | 66  | 67  | 65  | 66  | 60  | 62  | 56  | 56  | 54  | 78  | 79  | 60  | 42  | 0   |     |     |    |    |    |    |    |
| 0   | 8   | 0   | 12  | 2   | 0   |     |     |     | 0   | 2   | 0   |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |
| 89  | 492 | 746 | 767 | 763 | 794 | 778 | 777 | 673 | 738 | 774 | 770 | 753 | 745 | 736 | 720 | 697 | 710 | 740 | 769 | 696 | 617 | 181 | 142 | 121 |    |    |    |    |    |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |
|     |     |     |     |     |     |     |     | 0   | 256 | 281 | 268 | 260 | 285 | 272 | 244 | 248 | 265 | 260 | 268 | 236 | 191 | 171 | 0   |     |    |    |    |    |    |
|     |     |     |     |     |     |     |     | 0   | 48  | 46  | 19  | 14  | 16  | 18  | 19  | 21  | 16  | 11  | 10  | 0   |     |     |     |     |    |    |    |    |    |
|     |     |     |     |     |     |     |     | 0   | 1   | 1   | 1   | 1   | 0   |     |     |     |     | 0   | 1   | 1   | 1   | 0   |     |     |    |    |    |    |    |
|     |     |     |     |     |     |     |     | 0   | 305 | 328 | 288 | 275 | 301 | 290 | 263 | 269 | 281 | 271 | 278 | 237 | 192 | 172 | 0   |     |    |    |    |    |    |

- (1) FROM PALISADES WATER USERS, IN
- (2) RENTED FROM FREMONT-MADISON DIS
- (3) DRAFT FROM INDIAN LAKE & BERGM

[illegible]



|     |     |     |    |    |    | NO. | TOTAL          |              | RESERVOIR ALLOTMENT IN ACRE-FEET |                 |         |        |                        |
|-----|-----|-----|----|----|----|-----|----------------|--------------|----------------------------------|-----------------|---------|--------|------------------------|
| 20  | 21  | 22  | 23 | 24 | 25 |     | SECOND<br>FEET | ACRE<br>FEET | FREMONT<br>MADISON               | OTHER<br>RIGHTS | RENTALS | TOTAL  | HEADGATE<br>EQUIVALENT |
| 46  | 48  | 48  | 48 | 0  |    | 1   | 2,280          | 4,522        | 3,226                            |                 |         | 3,226  | 5,109                  |
|     |     |     |    |    |    | 2   | 511            | 1,014        | 1,608                            |                 |         | 1,608  | 2,547                  |
|     |     |     |    |    |    | 3   | 462            | 916          | 837                              |                 |         | 837    | 1,326                  |
|     |     |     |    |    |    | 4   | 504            | 1,000        | 631                              |                 |         | 631    | 1,000                  |
|     |     |     |    |    |    | 5   | 142            | 282          | 181                              |                 |         | 181    | 287                    |
|     |     |     |    |    |    | 6   | 71             | 141          | 297                              |                 |         | 297    | 470                    |
|     |     |     |    |    |    | 7   | 57             | 113          | 168                              |                 | (3) 11  | 179    | 284                    |
| 46  | 48  | 48  | 48 | 0  |    | 8   | 4,027          | 7,985        | 6,948                            |                 | 11      | 6,959  | 11,023                 |
| 28  | 28  | 30  | 30 | 30 |    | 9   | 2,485          |              |                                  |                 |         |        |                        |
| 10  | 10  | 10  | 0  |    |    | 10  | 382            | 758          | 1,590                            |                 |         | 1,590  | 1,550                  |
| 5   | 5   | 5   | 5  | 0  |    | 11  | 349            | 692          | 700                              | (2) 1,662       |         | 2,362  |                        |
| 43  | 43  | 45  | 35 | 30 |    | 12  | 3,216          | 6,379        | 9,238                            | 1,662           | 11      | 10,911 |                        |
| 10  | 11  | 11  | 12 | 12 |    | 13  |                |              |                                  |                 |         |        |                        |
|     |     |     |    |    |    | 14  |                |              |                                  |                 |         |        |                        |
|     |     |     |    |    |    | 15  | 0              | 0            | 503                              |                 |         | 503    | 490                    |
|     |     |     |    |    |    | 16  | 308            | 611          | 1,395                            |                 |         | 1,395  | 1,360                  |
|     |     |     |    |    |    | 17  | 1,270          | 2,519        | 2,922                            |                 |         | 2,922  | 2,849                  |
|     |     |     |    |    |    | 18  | 131            | 260          | 367                              |                 |         | 367    | 358                    |
|     |     |     |    |    |    | 19  | 99             | 196          | 144                              |                 |         | 144    | 140                    |
| 9   | 9   | 9   | 0  |    |    | 20  | 248            | 492          | 479                              |                 |         | 479    | 467                    |
|     |     |     |    |    |    | 21  | 167            | 331          | 285                              |                 |         | 285    | 278                    |
|     |     | 0   | 1  | 0  |    | 22  | 147            | 292          | 504                              |                 |         | 504    | 491                    |
|     |     |     |    |    |    | 23  | 313            | 621          | 9,493                            |                 |         | 9,493  | 9,256                  |
|     |     |     |    |    |    | 24  | 23             | 46           | 97                               |                 |         | 97     | 95                     |
|     |     |     |    |    |    | 25  | 48             | 95           | 120                              |                 |         | 120    | 117                    |
|     |     |     |    |    |    | 26  | 150            | 298          | 754                              |                 |         | 754    | 735                    |
|     |     |     |    |    |    | 27  | 48             | 95           | 80                               |                 |         | 80     | 78                     |
|     |     |     |    |    |    | 28  | 13             | 26           | 1,539                            |                 |         | 1,539  | 1,501                  |
| 23  | 24  | 25  | 0  |    |    | 29  | 1,025          | 2,033        | 3,603                            |                 |         | 3,603  | 3,513                  |
| 30  | 30  | 30  | 0  |    |    | 30  | 1,548          | 3,070        | 4,642                            |                 |         | 4,642  | 4,526                  |
|     |     |     |    |    |    | 31  | 0              | 0            | 103                              |                 |         | 103    | 100                    |
|     |     |     |    |    |    | 32  | 8              | 16           | 17                               |                 |         | 17     | 17                     |
| 62  | 63  | 64  | 1  | 0  |    | 33  | 5,550          | 11,001       | 27,047                           | 0               | 0       | 27,047 | 26,371                 |
| 105 | 106 | 109 | 36 | 30 |    | 34  | 8,766          | 17,380       | 36,285                           | 1,662           | 11      | 37,958 |                        |

(3) RENTED FROM WATER DISTRICT 36

# FROM TETON RIVER 1968

HOURLY SECOND-FOOT EXCEPT AS NOTED

|     |     |     |     | S E P T E M B E R |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 28  | 29  | 30  | 31  | 1                 | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  |     |
|     |     |     |     |                   |     |     |     |     |     |     |     | 0   | 43  | 43  | 42  | 42  | 46  | 46  | 46  | 46  | 46  | 46  | 46  | 46  | 46  | 46  | 46  | 46  | 46  | 46  | 46  |     |     |
|     |     |     |     |                   |     |     |     |     |     |     |     | 0   | 3   | 3   | 3   | 3   | 0   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|     |     |     |     |                   |     |     |     |     |     |     |     | 0   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 0   |     |     |     |     |     |     |     |     |     |
|     |     |     |     |                   |     |     |     |     |     |     |     | 0   | 47  | 47  | 46  | 46  | 47  | 47  | 47  | 47  | 47  | 47  | 46  | 46  | 46  | 46  | 46  | 46  | 46  | 46  | 46  | 46  |     |
|     |     |     |     |                   |     |     |     |     |     |     |     |     |     | 29  | 29  | 28  | 28  | 29  | 29  | 29  | 29  | 29  | 29  | 28  | 28  | 28  | 28  | 28  | 28  | 28  | 28  | 28  |     |
|     |     |     |     |                   |     |     |     |     |     |     |     | 0   | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  |     |
|     |     |     |     |                   |     |     |     |     |     |     |     | 0   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   |     |
|     |     |     |     |                   |     |     |     |     |     |     |     |     |     |     | 15  | 44  | 44  | 43  | 43  | 44  | 44  | 44  | 44  | 44  | 44  | 43  | 43  | 43  | 43  | 43  | 43  | 43  |     |
| 52  | 48  | 0   | 0   | 8                 | 16  | 16  | 16  | 14  | 11  | 11  | 11  | 11  | 13  | 15  | 15  | 15  | 12  | 8   | 4   | 6   | 8   | 9   | 10  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  |     |
| 675 | 624 | 602 | 579 | 557               | 535 | 508 | 482 | 490 | 496 | 478 | 460 | 442 | 442 | 406 | 399 | 395 | 364 | 331 | 300 | 284 |     |     |     |     |     |     |     |     |     |     |     |     |     |
|     |     |     |     |                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|     |     |     |     |                   |     |     |     |     |     |     |     | 0   | 1   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 7   | 9   | 9   |     |     |     |     |     |     |     |     |
|     |     |     |     |                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|     |     |     |     |                   |     |     |     |     |     |     |     | 0   | 26  | 23  | 24  | 24  | 34  | 45  | 56  | 56  | 57  | 40  | 23  | 24  | 24  | 24  | 24  | 24  | 24  | 24  | 24  | 24  | 24  |
|     |     |     |     |                   |     |     |     |     |     |     |     |     |     |     |     |     | 0   | 4   | 13  | 32  | 30  | 30  | 30  | 30  | 30  | 30  | 30  | 30  | 30  | 30  | 30  | 30  | 30  |
|     |     |     |     |                   |     |     |     |     |     |     |     | 0   | 27  | 28  | 29  | 29  | 39  | 54  | 74  | 93  | 92  | 77  | 62  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  |
|     |     |     |     |                   |     |     |     |     |     |     |     | 0   | 42  | 72  | 73  | 72  | 82  | 98  | 118 | 137 | 136 | 121 | 105 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 |

(1) LINE 8 DIVIDED BY 1.625 AND LISTED ONE DAY LATER

(2) FROM PALISADES WATERUSERS, INC.

## 24 HOUR SECOND

[illegible]



## JULY

| 5   | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9  |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 51  | 40  | 29  | 20  | 13  | 8   | 2   | 0   | 2   | 0   | 60  | 57  | 54  | 51  | 49  | 49  | 48  | 48  | 45  | 42  | 40  | 39  | 43  | 40  | 38  | 3  |
| 22  | 24  | 22  | 20  | 18  | 16  | 14  | 11  | 8   | 7   | 13  | 12  | 11  | 10  | 8   | 6   | 5   | 9   | 8   | 7   | 6   | 4   | 4   | 3   | 2   |    |
| 48  | 16  | 16  | 16  | 5   | 5   | 0   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| 29  | 15  | 9   | 9   | 9   | 9   | 9   | 34  | 32  | 30  | 28  | 26  | 30  | 20  | 10  | 10  | 10  |     |     |     |     |     |     |     |     |    |
| 32  | 30  | 25  | 20  | 15  | 10  | 5   | 5   | 0   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| 12  | 10  | 10  | 8   | 8   | 6   | 0   |     | 0   | 10  | 5   | 2   | 0   |     |     |     |     |     |     |     |     |     |     |     |     |    |
| 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 0   |     |     |     |     |     |     |     |     |     |     |     |     |    |
| 96  | 137 | 113 | 95  | 70  | 56  | 32  | 52  | 44  | 49  | 108 | 99  | 95  | 81  | 67  | 65  | 63  | 57  | 53  | 49  | 47  | 45  | 49  | 45  | 42  | 4  |
| 98  | 126 | 84  | 70  | 58  | 43  | 34  | 20  | 32  | 27  | 30  | 66  | 61  | 58  | 50  | 41  | 40  | 39  | 35  | 33  | 30  | 29  | 28  | 30  | 28  | 2  |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
|     |     |     |     |     |     |     |     | 15  | 15  | 15  | 15  | 15  | 13  | 12  | 12  | 12  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11 |
| 5   | 8   | 8   | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8  |
| 103 | 134 | 92  | 80  | 68  | 53  | 44  | 30  | 57  | 52  | 55  | 89  | 84  | 79  | 70  | 61  | 60  | 58  | 54  | 52  | 49  | 48  | 47  | 49  | 47  | 4  |
| 14  | 11  | 15  | 24  | 19  | 22  | 14  | 24  | 13  | 10  | 10  | 94  | 153 | 154 | 156 | 84  | 89  | 80  | 80  | 76  | 82  | 84  | 87  | 119 | 119 |    |
| 529 | 492 | 430 | 335 | 286 | 266 | 216 | 192 | 92  | 60  | 90  | 92  | 90  | 130 | 129 | 133 | 128 | 116 | 120 | 137 | 128 | 132 | 134 | 116 | 105 | 9  |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| 13  | 7   | 15  | 14  | 9   | 9   | 2   | 1   | 2   | 10  | 5   | 13  | 12  | 12  | 11  | 9   | 15  | 12  | 12  | 15  | 17  | 0   |     | 0   | 7   |    |
|     |     |     |     |     |     |     |     | 87  | 76  | 84  | 71  | 76  | 71  | 73  | 59  | 46  | 35  | 74  | 71  | 70  | 70  | 70  | 27  | 35  |    |
|     |     |     |     |     |     |     |     | 27  | 27  | 15  | 4   | 11  | 0   | 2   | 0   | 33  | 2   | 1   | 0   |     |     | 0   | 1   | 3   |    |
|     |     |     |     |     |     |     | 0   | 3   | 7   | 6   | 9   | 7   | 7   | 8   | 7   | 7   | 7   | 6   | 5   | 4   | 7   | 0   |     |     |    |
|     |     |     |     |     |     |     | 0   | 3   | 2   | 7   | 8   | 8   | 8   | 7   | 7   | 12  | 12  | 11  | 7   | 7   | 6   | 8   | 8   | 8   |    |
|     |     |     |     |     |     |     | 0   | 9   | 9   | 9   | 9   | 9   | 8   | 9   | 8   | 9   | 9   | 9   | 8   | 8   | 3   | 3   | 3   | 3   |    |
|     |     |     |     |     |     |     | 0   | 12  | 12  | 11  | 9   | 9   | 10  | 10  | 9   | 8   | 4   | 4   | 4   | 4   | 4   | 5   | 5   | 5   |    |
|     |     |     |     |     |     |     |     |     |     | 0   | 52  | 56  | 65  | 58  | 0   |     |     |     |     |     |     | 0   | 18  | 6   |    |
|     |     | 0   | 1   | 1   | 1   | 1   | 1   | 0   |     | 0   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 0   | 1   | 0   | 1   | 1   | 1   |    |
| 0   | 1   | 1   | 14  | 14  | 14  | 13  | 6   | 6   | 0   | 0   | 4   | 4   | 1   | 1   | 0   | 3   | 0   |     |     |     |     |     |     |     |    |
| 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 0   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 0   | 3   | 0   |     |    |
|     |     |     |     |     |     |     | 33  | 30  | 41  | 42  | 40  | 54  | 52  | 51  | 50  | 16  | 7   | 7   | 8   | 8   | 4   | 0   | 29  | 27  |    |
|     |     |     |     |     |     |     | 0   | 107 | 94  | 106 | 64  | 50  | 43  | 85  | 61  | 58  | 53  | 50  | 50  | 61  | 80  | 50  | 27  | 32  |    |
|     |     |     |     |     |     |     |     | 0   | 1   | 1   | 1   | 1   | 0   |     |     |     |     |     |     |     |     |     |     |     |    |
| 15  | 10  | 18  | 31  | 26  | 26  | 18  | 46  | 289 | 282 | 286 | 291 | 298 | 281 | 319 | 214 | 211 | 145 | 175 | 168 | 180 | 177 | 137 | 122 | 130 |    |
| 118 | 144 | 110 | 111 | 94  | 79  | 62  | 76  | 346 | 334 | 341 | 380 | 382 | 360 | 389 | 275 | 271 | 203 | 229 | 220 | 229 | 225 | 184 | 171 | 177 |    |

| CANAL                         | NO. | JULY |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
|-------------------------------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
|                               |     | 8    | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23 |
| TRAIL CREEK IRRIGATION CO.    | 1   | 135  | 94  | 86  | 79  | 70  | 60  | 53  | 51  | 40  | 29  | 20  | 13  | 8   | 2   | 0   |    |
| STRING CANAL                  | 2   | 42   | 34  | 33  | 31  | 29  | 27  | 25  | 22  | 24  | 22  | 20  | 18  | 16  | 14  | 11  |    |
| TETON CREEK CANALS            | 3   | 68   | 48  | 48  | 48  | 48  | 48  | 48  | 48  | 16  | 16  | 16  | 5   | 5   | 0   |     |    |
| SOUTH LEIGH CREEK CANALS      | 4   |      | 33  | 32  | 31  | 30  | 30  | 29  | 29  | 15  | 9   | 9   | 9   | 9   | 9   | 34  | 3  |
| NORTH LEIGH CREEK CANALS      | 5   |      |     |     |     |     |     |     | 32  | 30  | 25  | 20  | 15  | 10  | 5   | 5   |    |
| SPRING CREEK CANALS           | 6   |      |     |     |     |     |     |     | 12  | 10  | 10  | 8   | 8   | 6   | 0   |     |    |
| SWAMPS, MISC.                 | 7   |      |     |     | 2   | 3   | 4   | 4   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |    |
| TOTAL IN TETON BASIN          | 8   | 245  | 209 | 199 | 191 | 180 | 169 | 159 | 196 | 137 | 113 | 95  | 70  | 56  | 32  | 52  | 4  |
| EQUIVALENT AT ST. ANTHONY (1) | 9   |      | 151 | 129 | 122 | 118 | 111 | 104 | 98  | 126 | 84  | 70  | 58  | 43  | 34  | 20  | 3  |
| CANYON CREEK CANAL            | 10  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| MISCELLANEOUS                 | 11  |      |     | 5   | 5   | 5   | 5   | 5   | 5   | 8   | 8   | 10  | 10  | 10  | 10  | 10  |    |
| TOTAL ABOVE ST. ANTHONY GAGE  | 12  |      | 151 | 134 | 127 | 123 | 116 | 109 | 103 | 134 | 92  | 80  | 68  | 53  | 44  | 30  | 5  |
| CROSS CUT INFLOW              | 13  | 60   | 28  | 21  | 90  | 21  | 21  | 20  | 14  | 11  | 15  | 24  | 19  | 22  | 14  | 24  |    |
| TETON RIVER BELOW DIVERSIONS  | 14  |      |     |     |     | 575 | 542 | 556 | 529 | 492 | 430 | 335 | 286 | 266 | 216 | 192 | 5  |
| SIDDOWAY                      | 15  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| TETON IRRIGATION              | 16  |      |     | 15  | 19  | 16  | 11  | 14  | 13  | 7   | 15  | 14  | 9   | 9   | 2   | 1   |    |
| WILFORD                       | 17  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| GOOD LUCK                     | 18  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| PIONEER                       | 19  | 0    | 9   | 0   |     |     |     |     |     |     |     |     |     |     |     |     | 0  |
| STEWART                       | 20  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 0  |
| PINCOCK-BYINGTON              | 21  | 8    | 9   | 6   | 7   | 0   |     |     |     |     |     |     |     |     |     |     | 0  |
| PINCOCK-GARNER                | 22  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 0  |
| TETON ISLAND FEEDER           | 23  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| GARDNER                       | 24  |      |     |     |     |     |     |     |     |     | 0   | 1   | 1   | 1   | 1   | 1   |    |
| EAMES-THOMPSON                | 25  | 3    | 3   | 0   |     |     |     |     |     |     |     |     |     |     | 0   | 3   |    |
| ROXANA                        | 26  | 1    | 12  | 9   | 21  | 7   | 1   | 1   | 0   | 1   | 1   | 14  | 14  | 14  | 13  | 6   |    |
| BIGLER                        | 27  | 5    | 5   | 5   | 5   | 5   | 5   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |    |
| WOODMANSEE-JOHNSON            | 28  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| ISLAND WARD                   | 29  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 33 |
| REXBURG IRRIGATION            | 30  | 22   | 0   | 2   | 38  | 8   | 0   |     |     |     |     |     |     |     |     | 0   |    |
| MC CORMICK-ROWE               | 31  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| MISCELLANEOUS                 | 32  |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| TOTAL BELOW ST. ANTHONY GAGE  | 33  | 39   | 38  | 37  | 90  | 36  | 17  | 17  | 15  | 10  | 18  | 31  | 26  | 26  | 18  | 46  | 2  |
| TOTAL TETON RIVER             | 34  | 39   | 189 | 171 | 217 | 159 | 133 | 126 | 118 | 144 | 110 | 111 | 94  | 79  | 62  | 76  | 3  |

## F CROSS CUT CANAL DURING 1968

24 HOUR SECOND- FEET

## MAY

| 3  | 4  | 5  | 6  | 7  | 8  | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31    | TOTAL |
|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| 0  | 13 | 27 | 41 | 45 | 50 | 69  | 88  | 129 | 172 | 216 | 224 | 232 | 188 | 144 | 159 | 173 | 187 | 168 | 149 | 146 | 140 | 106 | 72  | 37  | 26  | 15  | 18  | 22    | 3,136 |
| 31 | 32 | 33 | 34 | 34 | 34 | 153 | 172 | 170 | 168 | 165 | 164 | 162 | 156 | 151 | 140 | 130 | 119 | 142 | 165 | 138 | 111 | 120 | 129 | 138 | 136 | 134 | 128 | 122   | 4,244 |
| 70 | 75 | 80 | 85 | 88 | 92 | 89  | 86  | 88  | 91  | 93  | 93  | 93  | 94  | 94  | 94  | 95  | 95  | 86  | 77  | 76  | 74  | 74  | 74  | 74  | 74  | 74  | 74  | 74    | 2,563 |
| 1  | 70 | 80 | 90 | 91 | 92 | 101 | 110 | 113 | 117 | 120 | 99  | 78  | 82  | 87  | 87  | 86  | 86  | 66  | 46  | 48  | 49  | 52  | 56  | 59  | 57  | 55  | 54  | 54    | 2,322 |
| 0  | 0  | 0  | 0  | 0  | 0  | 32  | 64  | 98  | 132 | 168 | 196 | 223 | 168 | 114 | 118 | 122 | 125 | 158 | 191 | 160 | 128 | 100 | 71  | 42  | 31  | 20  | 18  | 16    | 2,495 |
|    |    |    |    |    |    | 50  | 65  | 98  | 132 | 165 | 184 | 203 | 153 | 103 | 108 | 112 | 116 | 138 | 160 | 128 | 95  | 69  | 42  | 16  | 14  | 12  | 14  | 2,177 |       |

## JUNE

| 3  | 4   | 5   | 6   | 7  | 8  | 9  | 10 | 11 | 12  | 13 | 14 | 15 | 16 | 17 | 18 | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | TOTAL |
|----|-----|-----|-----|----|----|----|----|----|-----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 3  | 98  | 114 | 105 | 97 | 92 | 86 | 80 | 95 | 109 | 92 | 77 | 74 | 70 | 71 | 93 | 112 | 130 | 146 | 150 | 154 | 156 | 100 | 44  | 88  | 131 | 133 | 136 | 3,019 |
| 3  | 118 | 112 | 104 | 96 | 82 | 68 | 54 | 50 | 45  | 60 | 74 | 73 | 73 | 72 | 88 | 105 | 102 | 100 | 98  | 96  | 95  | 115 | 135 | 128 | 122 | 115 | 108 | 2,856 |
| 4  | 86  | 88  | 87  | 86 | 82 | 78 | 74 | 76 | 77  | 76 | 76 | 75 | 75 | 74 | 80 | 85  | 92  | 100 | 102 | 104 | 106 | 100 | 94  | 100 | 106 | 104 | 102 | 2,627 |
| 2  | 105 | 118 | 102 | 87 | 74 | 61 | 48 | 59 | 70  | 69 | 68 | 68 | 68 | 69 | 96 | 122 | 128 | 133 | 133 | 133 | 133 | 104 | 75  | 106 | 137 | 124 | 112 | 2,839 |
| 10 | 25  | 20  | 20  | 20 | 18 | 15 | 12 | 10 | 7   | 7  | 7  | 4  | 0  | 0  | 5  | 10  | 12  | 13  | 13  | 13  | 12  | 11  | 10  | 10  | 10  | 20  | 30  | 409   |
| 9  | 21  | 12  | 4   | 6  | 7  | 4  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 7   | 14  | 10  | 7   | 5   | 4   | 2   | 6   | 11  | 10  | 10  | 26  | 218   |

## JULY

| 3  | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  | TOTAL |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 35 | 124 | 103 | 107 | 129 | 124 | 132 | 126 | 148 | 192 | 199 | 207 | 201 | 222 | 213 | 215 | 211 | 210 | 210 | 196 | 198 | 203 | 262 | 335 | 356 | 349 | 265 | 252 | 248 | 6,142 |
| 98 | 119 | 113 | 119 | 119 | 115 | 109 | 96  | 103 | 86  | 77  | 69  | 69  | 67  | 64  | 60  | 59  | 59  | 60  | 58  | 57  | 55  | 48  | 56  | 42  | 50  | 50  | 64  | 59  | 2,396 |
| 98 | 100 | 96  | 97  | 100 | 98  | 99  | 80  | 96  | 104 | 100 | 103 | 100 | 107 | 102 | 103 | 101 | 100 | 102 | 101 | 104 | 104 | 100 | 104 | 101 | 104 | 104 | 103 | 101 | 3,109 |
| 3  | 80  | 63  | 64  | 56  | 70  | 100 | 100 | 98  | 128 | 127 | 135 | 134 | 135 | 128 | 125 | 122 | 125 | 122 | 107 | 103 | 101 | 98  | 103 | 108 | 111 | 106 | 108 | 108 | 3,230 |
| 2  | 63  | 57  | 65  | 92  | 71  | 42  | 42  | 57  | 46  | 49  | 38  | 36  | 47  | 47  | 47  | 47  | 44  | 46  | 46  | 48  | 53  | 112 | 184 | 189 | 184 | 105 | 105 | 98  | 2,199 |
| 5  | 45  | 47  | 79  | 72  | 60  | 28  | 21  | 90  | 21  | 21  | 20  | 14  | 11  | 15  | 24  | 19  | 22  | 14  | 24  | 13  | 10  | 10  | 94  | 153 | 154 | 156 | 84  | 89  | 1,526 |

## AUGUST

| 3  | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15 | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|-------|
| 54 | 143 | 133 | 137 | 143 | 145 | 150 | 147 | 100 | 104 | 114 | 53  | 48 | 39  | 62  | 37  | 33  | 26  | 17  | 19  | 21  | 18  | 16  | 6  | 0  | 0  | 0  | 1  | 18 | 2,188 |
| 50 | 71  | 64  | 58  | 58  | 56  | 53  | 55  | 73  | 72  | 61  | 65  | 71 | 81  | 56  | 74  | 74  | 78  | 82  | 75  | 68  | 74  | 80  | 88 | 95 | 90 | 84 | 74 | 65 | 2,173 |
| 5  | 104 | 97  | 96  | 100 | 100 | 101 | 100 | 90  | 90  | 90  | 78  | 72 | 69  | 62  | 54  | 51  | 56  | 60  | 56  | 52  | 56  | 60  | 60 | 60 | 48 | 36 | 45 | 54 | 2,310 |
| 9  | 110 | 100 | 99  | 101 | 101 | 102 | 102 | 83  | 86  | 85  | 40  | 47 | 51  | 56  | 57  | 56  | 48  | 39  | 38  | 37  | 36  | 36  | 34 | 33 | 32 | 30 | 30 | 29 | 2,021 |
| 92 | 99  | 125 | 115 | 152 | 143 | 143 | 147 | 160 | 160 | 152 | 115 | 92 | 113 | 117 | 128 | 128 | 124 | 121 | 126 | 130 | 118 | 105 | 78 | 63 | 48 | 24 | 0  | 0  | 3,306 |
| 76 | 82  | 84  | 87  | 119 | 119 | 116 | 119 | 135 | 137 | 128 | 104 | 80 | 89  | 102 | 87  | 110 | 126 | 102 | 110 | 110 | 110 | 92  | 74 | 57 | 52 | 48 | 0  | 0  | 2,815 |

## SEPTEMBER

| 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | TOTAL |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
| 25 | 20 | 9  | 0  | 5  | 13 | 22 | 37 | 48 | 41 | 50 | 50 | 48 | 59 | 69 | 71 | 73 | 78 | 85 | 82 | 75 | 72 | 71 | 71 | 69 | 69 | 67 | 66 | 1,500 |
| 33 | 82 | 80 | 85 | 90 | 91 | 92 | 90 | 88 | 85 | 82 | 80 | 78 | 79 | 80 | 80 | 79 | 74 | 69 | 61 | 53 | 53 | 53 | 52 | 52 | 51 | 51 | 50 | 2,207 |
| 52 | 50 | 49 | 48 | 48 | 48 | 49 | 54 | 60 | 60 | 60 | 60 | 60 | 61 | 62 | 60 | 58 | 58 | 59 | 59 | 58 | 58 | 58 | 58 | 57 | 57 | 56 | 55 | 1,676 |
| 34 | 32 | 30 | 36 | 42 | 46 | 50 | 53 | 56 | 55 | 54 | 54 | 53 | 63 | 73 | 76 | 78 | 77 | 76 | 63 | 50 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 1,541 |
| 22 | 20 | 10 | 0  | 5  | 10 | 15 | 20 | 20 | 21 | 18 | 16 | 13 | 14 | 14 | 15 | 16 | 17 | 19 | 21 | 20 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 499   |
| 16 | 16 | 14 | 11 | 11 | 11 | 11 | 13 | 15 | 15 | 15 | 12 | 8  | 4  | 6  | 8  | 9  | 10 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 347   |

SEASON LOSS =  $1,825 \div 8,908 = 20.5\%$ 

TOTAL INTO TETON RIVER FOR SEASON = 7,083 S.F. = 14,050 A.F.



# OPERATION OF CROSS CUT CANAL DU

24 HOUR SECOND- FEET

| LOCATION                          | MAY |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----------------------------------|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                                   | 1   | 2  | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  |
| DIVERTED AT HEAD                  | 53  | 27 | 0   | 13  | 27  | 41  | 45  | 50  | 69  | 88  | 129 | 172 | 216 | 224 | 232 | 188 | 144 | 159 | 173 | 187 |
| INFLOW FROM FALL RIVER CANAL      | 45  | 88 | 131 | 132 | 133 | 134 | 134 | 134 | 153 | 172 | 170 | 168 | 165 | 164 | 162 | 156 | 151 | 140 | 130 | 119 |
| NORTH BRANCH DIVERSION            | 68  | 69 | 70  | 75  | 80  | 85  | 88  | 92  | 89  | 86  | 88  | 91  | 93  | 93  | 93  | 94  | 94  | 94  | 95  | 95  |
| MIDDLE BRANCH DIVERSION           | 30  | 46 | 61  | 70  | 80  | 90  | 91  | 92  | 101 | 110 | 113 | 117 | 120 | 99  | 78  | 82  | 87  | 87  | 86  | 88  |
| BELOW FALL RIVER CANAL DIVERSIONS | 0   | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 32  | 64  | 98  | 132 | 168 | 196 | 223 | 168 | 114 | 118 | 122 | 121 |
| CROSS CUT AT END                  |     |    |     |     |     |     |     |     |     | 50  | 65  | 98  | 132 | 165 | 184 | 203 | 153 | 103 | 108 | 112 |

| LOCATION                          | JUNE |     |     |     |     |     |    |    |    |    |    |     |    |    |    |    |    |    |     |     |
|-----------------------------------|------|-----|-----|-----|-----|-----|----|----|----|----|----|-----|----|----|----|----|----|----|-----|-----|
|                                   | 1    | 2   | 3   | 4   | 5   | 6   | 7  | 8  | 9  | 10 | 11 | 12  | 13 | 14 | 15 | 16 | 17 | 18 | 19  | 20  |
| DIVERTED AT HEAD                  | 41   | 62  | 83  | 98  | 114 | 105 | 97 | 92 | 86 | 80 | 95 | 109 | 92 | 77 | 74 | 70 | 71 | 93 | 112 | 130 |
| INFLOW FROM FALL RIVER CANAL      | 122  | 123 | 123 | 118 | 112 | 104 | 96 | 82 | 68 | 54 | 50 | 45  | 60 | 74 | 73 | 73 | 72 | 88 | 105 | 101 |
| NORTH BRANCH DIVERSION            | 77   | 81  | 84  | 86  | 88  | 87  | 86 | 82 | 78 | 74 | 76 | 77  | 76 | 76 | 75 | 75 | 74 | 80 | 85  | 92  |
| MIDDLE BRANCH DIVERSION           | 66   | 79  | 92  | 105 | 118 | 102 | 87 | 74 | 61 | 48 | 59 | 70  | 69 | 68 | 68 | 68 | 69 | 96 | 122 | 121 |
| BELOW FALL RIVER CANAL DIVERSIONS | 20   | 25  | 30  | 25  | 20  | 20  | 20 | 18 | 15 | 12 | 10 | 7   | 7  | 7  | 4  | 0  | 0  | 5  | 10  | 11  |
| CROSS CUT AT END                  | 16   | 17  | 19  | 21  | 12  | 4   | 6  | 7  | 4  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 7   | 11  |

| LOCATION                          | JULY |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----------------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                                   | 1    | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  |
| DIVERTED AT HEAD                  | 136  | 134 | 135 | 124 | 103 | 107 | 129 | 124 | 132 | 126 | 148 | 192 | 199 | 207 | 201 | 222 | 213 | 215 | 211 | 218 |
| INFLOW FROM FALL RIVER CANAL      | 101  | 95  | 98  | 119 | 113 | 119 | 119 | 115 | 109 | 96  | 103 | 86  | 77  | 69  | 69  | 67  | 64  | 60  | 59  | 51  |
| NORTH BRANCH DIVERSION            | 99   | 98  | 98  | 100 | 96  | 97  | 100 | 98  | 99  | 80  | 96  | 104 | 100 | 103 | 100 | 107 | 102 | 103 | 101 | 101 |
| MIDDLE BRANCH DIVERSION           | 99   | 83  | 83  | 80  | 63  | 64  | 56  | 70  | 100 | 100 | 98  | 128 | 127 | 135 | 134 | 135 | 128 | 125 | 122 | 121 |
| BELOW FALL RIVER CANAL DIVERSIONS | 39   | 48  | 52  | 63  | 57  | 65  | 92  | 71  | 42  | 42  | 57  | 46  | 49  | 38  | 36  | 47  | 47  | 47  | 47  | 41  |
| CROSS CUT AT END                  | 44   | 27  | 45  | 45  | 47  | 79  | 72  | 60  | 28  | 21  | 90  | 21  | 21  | 20  | 14  | 11  | 15  | 24  | 19  | 23  |

| LOCATION                          | AUGUST |     |     |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |
|-----------------------------------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|
|                                   | 1      | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15 | 16  | 17  | 18  | 19  | 20  |
| DIVERTED AT HEAD                  | 152    | 152 | 154 | 143 | 133 | 137 | 143 | 145 | 150 | 147 | 100 | 104 | 114 | 53  | 48 | 39  | 62  | 37  | 33  | 21  |
| INFLOW FROM FALL RIVER CANAL      | 59     | 59  | 60  | 71  | 64  | 58  | 58  | 56  | 53  | 55  | 73  | 72  | 61  | 65  | 71 | 81  | 56  | 74  | 74  | 78  |
| NORTH BRANCH DIVERSION            | 104    | 104 | 105 | 104 | 97  | 96  | 100 | 100 | 101 | 100 | 90  | 90  | 90  | 78  | 72 | 69  | 62  | 54  | 51  | 51  |
| MIDDLE BRANCH DIVERSION           | 107    | 107 | 109 | 110 | 100 | 99  | 101 | 101 | 102 | 102 | 83  | 86  | 85  | 40  | 47 | 51  | 56  | 57  | 56  | 43  |
| BELOW FALL RIVER CANAL DIVERSIONS | 96     | 92  | 92  | 99  | 125 | 115 | 152 | 143 | 143 | 147 | 160 | 160 | 152 | 115 | 92 | 113 | 117 | 128 | 128 | 121 |
| CROSS CUT AT END                  | 80     | 80  | 76  | 82  | 84  | 87  | 119 | 119 | 116 | 119 | 135 | 137 | 128 | 104 | 80 | 89  | 102 | 87  | 110 | 121 |

| LOCATION                          | SEPTEMBER |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----------------------------------|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                   | 1         | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| DIVERTED AT HEAD                  | 27        | 28 | 25 | 20 | 9  | 0  | 5  | 13 | 22 | 37 | 48 | 41 | 50 | 50 | 48 | 59 | 69 | 71 | 73 | 71 |
| INFLOW FROM FALL RIVER CANAL      | 82        | 82 | 83 | 82 | 80 | 85 | 90 | 91 | 92 | 90 | 88 | 85 | 82 | 80 | 78 | 79 | 80 | 80 | 79 | 71 |
| NORTH BRANCH DIVERSION            | 52        | 52 | 52 | 50 | 49 | 48 | 48 | 48 | 49 | 54 | 60 | 60 | 60 | 60 | 60 | 61 | 62 | 60 | 58 | 51 |
| MIDDLE BRANCH DIVERSION           | 34        | 34 | 34 | 32 | 30 | 36 | 42 | 46 | 50 | 53 | 56 | 55 | 54 | 54 | 53 | 63 | 73 | 76 | 78 | 71 |
| BELOW FALL RIVER CANAL DIVERSIONS | 23        | 24 | 22 | 20 | 10 | 0  | 5  | 10 | 15 | 20 | 20 | 21 | 18 | 16 | 13 | 14 | 14 | 15 | 16 | 11 |
| CROSS CUT AT END                  | 8         | 16 | 16 | 16 | 14 | 11 | 11 | 11 | 11 | 13 | 15 | 15 | 15 | 12 | .8 | 4  | 6  | 8  | 9  | 11 |

SEASON LOSS =  $1,825 \div 8,908 = 20.5\%$   
TOTAL INTO TETON RIVER FOR SEASON = 7

[illegible]

## EET

AUGUST

[illegible]



## REC

24 HOUR SECOND- FEET

[illegible]

## J U N E

[illegible]

[illegible]





| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May   | June  | July  | Aug.  | Sept. |
|-----|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 1   | 972  | 341  | 386  | 412  | 417  | 412  | 412  | 417   | 2,350 | 2,800 | 3,020 | 3,580 |
| 2   | 902  | 341  | 386  | 412  | 417  | 412  | 417  | 422   | 2,360 | 2,490 | 3,040 | 3,600 |
| 3   | 706  | 341  | 386  | 412  | 417  | 412  | 417  | 422   | 2,380 | 2,540 | 3,010 | 3,630 |
| 4   | 435  | 341  | 386  | 412  | 417  | 412  | 412  | 422   | 2,380 | 2,570 | 2,990 | 3,630 |
| 5   | 328  | 341  | 386  | 412  | 417  | 412  | 412  | 422   | 2,390 | 2,740 | 2,950 | 3,600 |
| 6   | 328  | 205  | 404  | 412  | 412  | 412  | 412  | 417   | 2,420 | 2,740 | 2,990 | 3,590 |
| 7   | 328  | 16   | 412  | 412  | 412  | 412  | 412  | 408   | 2,430 | 2,800 | 3,080 | 3,580 |
| 8   | 324  | 7    | 412  | 417  | 412  | 412  | 412  | 408   | 2,440 | 3,080 | 3,060 | 3,560 |
| 9   | 324  | 7    | 408  | 417  | 412  | 412  | 408  | 408   | 2,440 | 2,720 | 3,060 | 3,550 |
| 10  | 324  | 7    | 408  | 417  | 412  | 412  | 408  | 408   | 2,440 | 2,720 | 3,070 | 3,330 |
| 11  | 324  | 7    | 408  | 417  | 412  | 412  | 408  | 408   | 2,450 | 2,720 | 3,070 | 2,700 |
| 12  | 328  | 7    | 408  | 417  | 412  | 412  | 404  | 408   | 2,440 | 2,740 | 3,060 | 2,220 |
| 13  | 324  | 7    | 408  | 417  | 412  | 417  | 404  | 408   | 2,890 | 2,610 | 3,050 | 2,000 |
| 14  | 320  | 90   | 408  | 417  | 412  | 417  | 399  | 827   | 4,010 | 2,530 | 3,050 | 1,990 |
| 15  | 320  | 251  | 408  | 417  | 408  | 417  | 399  | 1,210 | 4,900 | 2,530 | 3,040 | 1,980 |
| 16  | 295  | 248  | 408  | 417  | 412  | 417  | 404  | 1,960 | 5,330 | 2,520 | 3,070 | 1,980 |
| 17  | 258  | 248  | 408  | 417  | 412  | 417  | 404  | 2,300 | 5,330 | 2,540 | 3,080 | 1,980 |
| 18  | 307  | 251  | 408  | 417  | 412  | 417  | 404  | 2,290 | 5,350 | 2,530 | 3,070 | 1,970 |
| 19  | 345  | 251  | 408  | 417  | 412  | 417  | 399  | 2,300 | 5,350 | 2,530 | 3,320 | 1,960 |
| 20  | 345  | 254  | 408  | 417  | 412  | 417  | 399  | 2,300 | 5,350 | 2,530 | 3,580 | 1,960 |
| 21  | 345  | 254  | 408  | 417  | 412  | 417  | 399  | 2,310 | 5,410 | 2,530 | 3,560 | 1,960 |
| 22  | 341  | 254  | 408  | 417  | 412  | 417  | 399  | 2,300 | 5,360 | 2,520 | 3,560 | 1,950 |
| 23  | 332  | 251  | 408  | 417  | 412  | 417  | 399  | 2,310 | 5,360 | 2,740 | 3,560 | 1,950 |
| 24  | 332  | 248  | 408  | 417  | 412  | 417  | 404  | 2,330 | 4,920 | 3,010 | 3,610 | 1,890 |
| 25  | 332  | 244  | 412  | 417  | 412  | 417  | 404  | 2,330 | 3,670 | 3,010 | 3,630 | 1,690 |
| 26  | 332  | 251  | 412  | 417  | 412  | 417  | 404  | 2,330 | 3,350 | 3,010 | 3,610 | 1,490 |
| 27  | 332  | 251  | 412  | 417  | 412  | 417  | 404  | 2,330 | 3,110 | 3,010 | 3,600 | 1,280 |
| 28  | 341  | 251  | 412  | 417  | 412  | 417  | 408  | 2,300 | 2,980 | 3,000 | 3,590 | 1,100 |
| 29  | 337  | 251  | 412  | 417  | 412  | 417  | 412  | 2,350 | 2,960 | 3,020 | 3,580 | 979   |
| 30  | 337  | 303  | 412  | 417  | 412  | 412  | 412  | 2,350 | 2,960 | 3,010 | 3,560 | 854   |
| 31  | 337  |      | 412  | 417  |      | 417  |      | 2,350 |       | 3,010 | 3,550 |       |

|               |        |        |        |        |        |        |        |        |         |         |         |         |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| MEAN          | 382    | 204    | 405    | 416    | 413    | 415    | 406    | 1,424  | 3,584   | 2,737   | 3,260   | 2,384   |
| ACRE-<br>FEET | 23,470 | 12,140 | 24,930 | 25,570 | 23,740 | 25,510 | 24,180 | 87,580 | 213,200 | 168,300 | 200,500 | 141,900 |

Daily discharge, in second-feet, of

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May   | June  | July  | Aug.  | Sept. |
|-----|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 1   | 268  | 208  | 175  | 115  | 125  | 120  | 152  | 298   | 1,500 | 1,740 | 598   | 505   |
| 2   | 262  | 194  | 160  | 120  | 120  | 120  | 152  | 401   | 1,980 | 1,560 | 560   | 505   |
| 3   | 281  | 158  | 180  | 120  | 130  | 125  | 154  | 425   | 2,620 | 1,750 | 550   | 570   |
| 4   | 265  | 216  | 200  | 120  | 130  | 125  | 151  | 495   | 2,900 | 1,960 | 540   | 530   |
| 5   | 250  | 202  | 200  | 118  | 130  | 128  | 151  | 592   | 2,600 | 2,100 | 530   | 500   |
| 6   | 288  | 211  | 185  | 110  | 130  | 130  | 152  | 570   | 2,660 | 2,260 | 525   | 460   |
| 7   | 259  | 214  | 170  | 105  | 125  | 130  | 149  | 450   | 2,710 | 2,290 | 500   | 440   |
| 8   | 256  | 246  | 160  | 125  | 122  | 128  | 148  | 392   | 2,280 | 2,350 | 485   | 425   |
| 9   | 250  | 246  | 140  | 132  | 120  | 125  | 144  | 387   | 2,300 | 2,180 | 475   | 411   |
| 10  | 240  | 208  | 160  | 136  | 115  | 122  | 148  | 495   | 2,250 | 2,420 | 520   | 401   |
| 11  | 234  | 199  | 145  | 138  | 115  | 120  | 158  | 525   | 2,180 | 2,570 | 515   | 387   |
| 12  | 262  | 194  | 140  | 128  | 115  | 120  | 173  | 620   | 2,470 | 2,490 | 495   | 415   |
| 13  | 265  | 189  | 130  | 117  | 110  | 120  | 173  | 680   | 2,920 | 2,300 | 470   | 401   |
| 14  | 272  | 186  | 120  | 123  | 110  | 120  | 151  | 630   | 2,460 | 2,270 | 545   | 387   |
| 15  | 253  | 184  | 125  | 128  | 111  | 120  | 167  | 545   | 2,280 | 2,120 | 576   | 406   |
| 16  | 231  | 181  | 140  | 128  | 110  | 120  | 167  | 480   | 2,340 | 1,940 | 505   | 411   |
| 17  | 234  | 167  | 140  | 126  | 110  | 120  | 165  | 450   | 2,720 | 1,880 | 480   | 411   |
| 18  | 228  | 167  | 140  | 115  | 115  | 120  | 154  | 435   | 3,280 | 1,630 | 530   | 406   |
| 19  | 225  | 194  | 140  | 114  | 120  | 120  | 160  | 470   | 3,530 | 1,350 | 576   | 440   |
| 20  | 219  | 189  | 140  | 117  | 120  | 120  | 156  | 570   | 3,790 | 1,310 | 1,010 | 401   |
| 21  | 214  | 184  | 140  | 118  | 120  | 120  | 160  | 598   | 3,900 | 1,210 | 824   | 415   |
| 22  | 219  | 167  | 140  | 120  | 120  | 120  | 152  | 652   | 3,900 | 1,090 | 1,020 | 396   |
| 23  | 225  | 199  | 150  | 120  | 125  | 123  | 156  | 734   | 3,980 | 1,020 | 996   | 382   |
| 24  | 205  | 194  | 160  | 120  | 125  | 125  | 158  | 710   | 3,780 | 940   | 898   | 378   |
| 25  | 222  | 158  | 160  | 120  | 125  | 130  | 158  | 674   | 2,930 | 864   | 831   | 401   |
| 26  | 214  | 155  | 160  | 130  | 123  | 135  | 158  | 652   | 2,810 | 818   | 698   | 382   |
| 27  | 189  | 150  | 160  | 130  | 120  | 132  | 156  | 642   | 2,980 | 766   | 658   | 369   |
| 28  | 237  | 160  | 150  | 125  | 120  | 132  | 156  | 698   | 3,620 | 740   | 658   | 364   |
| 29  | 219  | 170  | 125  | 120  | 120  | 135  | 169  | 1,070 | 2,970 | 710   | 620   | 355   |
| 30  | 219  | 186  | 115  | 125  | 120  | 140  | 218  | 1,540 | 2,180 | 716   | 565   | 347   |
| 31  | 214  |      | 105  | 130  |      | 150  |      | 1,440 |       | 658   | 530   |       |

| MEAN          | 239    | 189    | 150   | 122   | 120   | 126   | 159   | 623    | 2,827   | 1,613  | 622    | 420    |
|---------------|--------|--------|-------|-------|-------|-------|-------|--------|---------|--------|--------|--------|
| ACRE-<br>FEET | 14,720 | 11,260 | 9,230 | 7,520 | 6,900 | 7,730 | 9,450 | 38,320 | 168,200 | 99,180 | 38,250 | 24,990 |

Plate No. 27

6-7149

U. S. GOVERNMENT PRINTING OFFICE  
BUFFALO FORK ABOVE LAVA CREEK NEAR MORAN, WYO.

YEAR  
OR  
PERIOD  
MEAN  
ACRE-  
FEET  
600  
435,800



daily discharge, in second-feet, of

| Day | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June   | July  | Aug.  | Sept. |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| 1   | 2,850 | 1,930 | 1,630 | 1,600 | 1,560 | 1,630 | 2,190 | 3,200 | 9,600  | 9,800 | 6,220 | 6,140 |
| 2   | 2,870 | 2,000 | 1,820 | 1,650 | 1,560 | 1,620 | 2,410 | 3,780 | 10,300 | 8,590 | 6,100 | 6,270 |
| 3   | 2,850 | 1,870 | 1,830 | 1,600 | 1,560 | 1,630 | 2,360 | 4,050 | 11,800 | 8,230 | 6,020 | 6,470 |
| 4   | 2,640 | 1,780 | 1,800 | 1,600 | 1,560 | 1,620 | 2,180 | 4,240 | 13,000 | 8,370 | 5,970 | 6,320 |
| 5   | 2,380 | 1,770 | 1,820 | 1,550 | 1,550 | 1,630 | 2,130 | 4,820 | 13,500 | 8,730 | 5,900 | 6,200 |
| 6   | 2,320 | 1,740 | 1,830 | 1,500 | 1,550 | 1,650 | 2,110 | 5,100 | 13,900 | 8,960 | 5,800 | 6,020 |
| 7   | 2,260 | 1,670 | 1,770 | 1,450 | 1,520 | 1,680 | 2,030 | 4,340 | 14,100 | 9,100 | 5,770 | 5,920 |
| 8   | 2,160 | 1,550 | 1,700 | 1,500 | 1,500 | 1,680 | 1,970 | 3,820 | 13,000 | 9,320 | 5,800 | 5,840 |
| 9   | 2,090 | 1,540 | 1,600 | 1,550 | 1,500 | 1,670 | 1,930 | 3,720 | 11,900 | 9,410 | 5,770 | 5,740 |
| 10  | 2,060 | 1,610 | 1,800 | 1,590 | 1,500 | 1,690 | 1,940 | 4,090 | 11,400 | 9,130 | 5,870 | 5,670 |
| 11  | 2,030 | 1,570 | 1,850 | 1,550 | 1,490 | 1,650 | 2,110 | 4,560 | 11,300 | 9,350 | 5,920 | 5,380 |
| 12  | 2,040 | 1,560 | 1,800 | 1,500 | 1,480 | 1,610 | 2,350 | 5,020 | 12,100 | 9,290 | 5,820 | 4,860 |
| 13  | 2,070 | 1,540 | 1,700 | 1,500 | 1,480 | 1,640 | 2,290 | 5,530 | 13,900 | 9,130 | 5,700 | 4,430 |
| 14  | 2,030 | 1,540 | 1,500 | 1,480 | 1,470 | 1,670 | 2,150 | 5,430 | 14,900 | 8,820 | 5,700 | 4,240 |
| 15  | 2,020 | 1,540 | 1,400 | 1,480 | 1,470 | 1,650 | 2,130 | 5,360 | 14,600 | 8,620 | 5,820 | 4,240 |
| 16  | 1,980 | 1,670 | 1,450 | 1,480 | 1,470 | 1,620 | 2,160 | 5,170 | 15,000 | 8,370 | 5,770 | 4,300 |
| 17  | 1,920 | 1,660 | 1,500 | 1,480 | 1,490 | 1,650 | 2,120 | 5,650 | 15,600 | 8,150 | 5,670 | 4,260 |
| 18  | 1,860 | 1,640 | 1,600 | 1,480 | 1,500 | 1,640 | 2,020 | 5,840 | 16,700 | 7,950 | 5,770 | 4,220 |
| 19  | 1,870 | 1,680 | 1,650 | 1,480 | 1,520 | 1,600 | 2,020 | 6,040 | 17,500 | 7,570 | 5,970 | 4,190 |
| 20  | 1,890 | 1,770 | 1,650 | 1,500 | 1,530 | 1,560 | 1,980 | 6,420 | 18,000 | 7,270 | 6,890 | 4,170 |
| 21  | 1,880 | 1,750 | 1,650 | 1,520 | 1,540 | 1,540 | 1,970 | 6,700 | 18,400 | 7,110 | 7,620 | 4,300 |
| 22  | 1,880 | 1,670 | 1,650 | 1,520 | 1,550 | 1,550 | 1,950 | 7,030 | 18,200 | 6,920 | 7,810 | 4,280 |
| 23  | 1,930 | 1,650 | 1,650 | 1,520 | 1,560 | 1,570 | 1,930 | 7,240 | 18,000 | 6,780 | 8,170 | 4,190 |
| 24  | 1,980 | 1,660 | 1,700 | 1,520 | 1,580 | 1,620 | 1,990 | 7,240 | 18,100 | 6,920 | 7,700 | 4,150 |
| 25  | 1,920 | 1,720 | 1,750 | 1,550 | 1,590 | 1,720 | 2,040 | 7,140 | 16,200 | 6,920 | 7,490 | 4,050 |
| 26  | 1,930 | 1,580 | 1,750 | 1,550 | 1,600 | 1,830 | 2,060 | 7,000 | 13,900 | 6,760 | 7,080 | 3,840 |
| 27  | 1,880 | 1,520 | 1,700 | 1,560 | 1,640 | 1,760 | 2,030 | 7,140 | 13,300 | 6,600 | 6,840 | 3,600 |
| 28  | 2,030 | 1,690 | 1,650 | 1,560 | 1,640 | 1,750 | 2,060 | 7,140 | 13,500 | 6,440 | 6,680 | 3,360 |
| 29  | 2,110 | 1,680 | 1,650 | 1,560 | 1,640 | 1,920 | 2,280 | 7,890 | 13,400 | 6,520 | 6,570 | 3,150 |
| 30  | 1,940 | 1,640 | 1,600 | 1,560 |       | 2,180 | 2,670 | 9,460 | 11,300 | 6,550 | 6,440 | 3,000 |
| 31  | 1,920 |       | 1,550 | 1,560 |       | 2,180 |       | 9,830 |        | 6,400 | 6,270 |       |

|               |         |        |         |        |        |         |         |         |         |         |         |         |
|---------------|---------|--------|---------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| MEAN          | 2,116   | 1,673  | 1,677   | 1,532  | 1,538  | 1,691   | 2,119   | 5,806   | 14,210  | 8,003   | 6,352   | 4,760   |
| ACRE-<br>FEET | 130,100 | 99,550 | 103,100 | 94,210 | 88,460 | 104,000 | 126,100 | 357,000 | 845,800 | 492,100 | 390,600 | 283,200 |

U. S. GOVERNMENT PRINTING OFFICE 16-60086-1

Snake River Above Reservoir Near Alpine, Wyo.

YEAR  
1908  
MEAN  
ACRE-  
FEET

4,290

3,114,000

Plate No. 28

Daily discharge, in second-feet, of

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May   | June  | July  | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|-------|-------|-------|------|-------|
| 1   | 425  | 309  | 170  | 200  | 200  | 208  | 462  | 1,150 | 2,230 | 1,320 | 507  | 366   |
| 2   | 380  | 309  | 150  | 200  | 200  | 201  | 518  | 1,380 | 2,310 | 1,250 | 507  | 425   |
| 3   | 399  | 271  | 180  | 200  | 200  | 217  | 490  | 1,520 | 2,690 | 1,180 | 501  | 435   |
| 4   | 394  | 271  | 210  | 200  | 200  | 240  | 435  | 1,590 | 2,990 | 1,150 | 495  | 389   |
| 5   | 389  | 264  | 195  | 200  | 200  | 233  | 414  | 1,780 | 2,850 | 1,170 | 473  | 375   |
| 6   | 409  | 282  | 195  | 195  | 205  | 224  | 404  | 1,590 | 2,800 | 1,110 | 473  | 371   |
| 7   | 375  | 275  | 190  | 195  | 205  | 237  | 384  | 1,250 | 2,760 | 1,090 | 456  | 361   |
| 8   | 361  | 282  | 190  | 200  | 210  | 237  | 361  | 1,110 | 2,680 | 1,090 | 446  | 357   |
| 9   | 352  | 286  | 190  | 205  | 210  | 224  | 343  | 1,220 | 2,270 | 1,070 | 468  | 352   |
| 10  | 348  | 290  | 190  | 213  | 210  | 217  | 371  | 1,440 | 2,270 | 1,070 | 484  | 352   |
| 11  | 339  | 279  | 190  | 212  | 205  | 227  | 451  | 1,500 | 2,310 | 1,010 | 507  | 348   |
| 12  | 348  | 279  | 190  | 210  | 200  | 227  | 596  | 1,600 | 2,470 | 973   | 462  | 348   |
| 13  | 343  | 279  | 190  | 210  | 200  | 254  | 536  | 1,600 | 2,680 | 950   | 440  | 352   |
| 14  | 335  | 279  | 190  | 210  | 196  | 250  | 468  | 1,440 | 2,350 | 900   | 456  | 389   |
| 15  | 330  | 279  | 190  | 210  | 200  | 244  | 495  | 1,290 | 2,160 | 851   | 468  | 380   |
| 16  | 326  | 282  | 190  | 210  | 200  | 227  | 501  | 1,150 | 2,120 | 824   | 451  | 389   |
| 17  | 322  | 275  | 190  | 210  | 200  | 237  | 478  | 1,130 | 2,160 | 803   | 430  | 380   |
| 18  | 322  | 264  | 190  | 210  | 200  | 230  | 435  | 1,230 | 2,380 | 770   | 462  | 371   |
| 19  | 322  | 282  | 190  | 205  | 200  | 224  | 440  | 1,380 | 2,460 | 730   | 484  | 357   |
| 20  | 318  | 290  | 190  | 205  | 200  | 211  | 409  | 1,530 | 2,580 | 704   | 495  | 357   |
| 21  | 314  | 282  | 190  | 200  | 205  | 208  | 399  | 1,550 | 2,440 | 672   | 451  | 371   |
| 22  | 318  | 257  | 190  | 200  | 210  | 214  | 384  | 1,700 | 2,350 | 653   | 512  | 371   |
| 23  | 343  | 271  | 190  | 200  | 210  | 230  | 375  | 1,680 | 2,350 | 646   | 559  | 357   |
| 24  | 326  | 268  | 195  | 200  | 210  | 247  | 414  | 1,600 | 2,100 | 628   | 501  | 352   |
| 25  | 326  | 257  | 195  | 200  | 210  | 254  | 409  | 1,600 | 1,850 | 615   | 435  | 348   |
| 26  | 318  | 247  | 200  | 200  | 208  | 286  | 404  | 1,560 | 1,710 | 590   | 414  | 348   |
| 27  | 301  | 225  | 200  | 200  | 204  | 271  | 414  | 1,560 | 1,700 | 565   | 409  | 343   |
| 28  | 357  | 240  | 200  | 200  | 204  | 279  | 478  | 1,700 | 1,730 | 559   | 404  | 348   |
| 29  | 326  | 230  | 200  | 200  | 204  | 322  | 634  | 2,300 | 1,670 | 547   | 394  | 352   |
| 30  | 301  | 220  | 200  | 200  |      | 425  | 892  | 2,690 | 1,500 | 541   | 380  | 348   |
| 31  | 314  |      | 200  | 200  |      | 420  |      | 2,350 |       | 524   | 375  |       |

|               |        |        |        |        |        |        |        |        |         |        |        |        |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| MEAN          | 345    | 271    | 191    | 203    | 204    | 249    | 460    | 1,554  | 2,297   | 857    | 461    | 367    |
| ACRE-<br>FEET | 21,190 | 16,110 | 11,740 | 12,500 | 11,710 | 15,320 | 27,360 | 95,540 | 136,700 | 52,670 | 28,360 | 21,800 |

U. S. GOVERNMENT PRINTING OFFICE 6-7149

GREYS RIVER ABOVE RESERVOIR NEAR ALPINE, WYOMING

YEAR  
OR  
PERIOD

MEAN  
ACRE-  
FEET

621

Plate No. 29

Daily discharge, in second-feet, of

SALT RIVER ABOVE RESERVOIR NEAR ETNA, WYOMING

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr.  | May   | June  | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|-------|-------|-------|------|------|-------|
| 1   | 732  | 680  | 624  | 550  | 480  | 490  | 617   | 1,260 | 1,330 | 738  | 621  | 788   |
| 2   | 718  | 680  | 598  | 544  | 475  | 490  | 688   | 1,400 | 1,340 | 708  | 635  | 804   |
| 3   | 732  | 666  | 592  | 544  | 480  | 480  | 725   | 1,440 | 1,410 | 692  | 642  | 804   |
| 4   | 740  | 659  | 624  | 528  | 480  | 480  | 673   | 1,470 | 1,490 | 670  | 621  | 788   |
| 5   | 732  | 659  | 631  | 510  | 480  | 480  | 680   | 1,580 | 1,490 | 670  | 614  | 779   |
| 6   | 770  | 652  | 617  | 475  | 485  | 480  | 688   | 1,620 | 1,510 | 678  | 607  | 762   |
| 7   | 748  | 659  | 610  | 450  | 480  | 480  | 652   | 1,380 | 1,450 | 678  | 614  | 745   |
| 8   | 725  | 673  | 610  | 510  | 485  | 480  | 617   | 1,260 | 1,420 | 678  | 642  | 730   |
| 9   | 718  | 680  | 586  | 520  | 490  | 480  | 604   | 1,270 | 1,470 | 692  | 635  | 722   |
| 10  | 702  | 695  | 598  | 522  | 490  | 480  | 638   | 1,350 | 1,540 | 722  | 656  | 715   |
| 11  | 702  | 695  | 610  | 512  | 495  | 470  | 755   | 1,370 | 1,520 | 715  | 692  | 708   |
| 12  | 702  | 688  | 580  | 485  | 495  | 465  | 910   | 1,460 | 1,420 | 700  | 678  | 692   |
| 13  | 702  | 680  | 540  | 495  | 485  | 475  | 870   | 1,520 | 1,420 | 700  | 670  | 685   |
| 14  | 695  | 680  | 495  | 480  | 475  | 480  | 792   | 1,520 | 1,410 | 700  | 678  | 708   |
| 15  | 695  | 666  | 470  | 475  | 470  | 470  | 822   | 1,420 | 1,300 | 685  | 708  | 700   |
| 16  | 688  | 666  | 490  | 500  | 475  | 460  | 870   | 1,310 | 1,190 | 678  | 715  | 692   |
| 17  | 680  | 666  | 530  | 500  | 470  | 465  | 830   | 1,220 | 1,150 | 670  | 722  | 700   |
| 18  | 680  | 659  | 540  | 475  | 475  | 470  | 762   | 1,200 | 1,100 | 656  | 770  | 692   |
| 19  | 673  | 666  | 522  | 490  | 506  | 460  | 762   | 1,240 | 1,080 | 649  | 857  | 685   |
| 20  | 680  | 673  | 522  | 480  | 534  | 455  | 740   | 1,300 | 1,080 | 642  | 929  | 678   |
| 21  | 688  | 680  | 528  | 470  | 544  | 450  | 725   | 1,390 | 1,060 | 635  | 884  | 700   |
| 22  | 688  | 673  | 522  | 475  | 539  | 450  | 708   | 1,480 | 1,020 | 628  | 956  | 700   |
| 23  | 702  | 666  | 528  | 465  | 528  | 450  | 722   | 1,460 | 992   | 635  | 983  | 685   |
| 24  | 702  | 666  | 539  | 470  | 528  | 450  | 762   | 1,380 | 965   | 635  | 920  | 670   |
| 25  | 695  | 666  | 534  | 485  | 517  | 455  | 754   | 1,310 | 911   | 642  | 875  | 663   |
| 26  | 688  | 652  | 556  | 490  | 512  | 485  | 745   | 1,340 | 848   | 628  | 848  | 656   |
| 27  | 680  | 610  | 556  | 485  | 506  | 480  | 754   | 1,280 | 804   | 621  | 830  | 649   |
| 28  | 702  | 617  | 550  | 485  | 506  | 485  | 796   | 1,260 | 779   | 614  | 822  | 656   |
| 29  | 702  | 631  | 544  | 475  | 495  | 517  | 902   | 1,360 | 745   | 614  | 804  | 656   |
| 30  | 695  | 638  | 544  | 490  |      | 580  | 1,070 | 1,450 | 745   | 628  | 796  | 649   |
| 31  | 688  |      | 539  | 485  |      | 592  |       | 1,380 |       | 635  | 788  |       |

|               |        |        |        |        |        |        |        |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN          | 705    | 665    | 559    | 494    | 496    | 480    | 754    | 1,377  | 1,200  | 666    | 749    | 709    |
| ACRE-<br>FEET | 43,330 | 39,550 | 34,370 | 30,390 | 28,520 | 29,520 | 44,890 | 84,650 | 71,380 | 40,930 | 46,040 | 42,170 |

Plate No. 30

6-7149

U. S. GOVERNMENT PRINTING OFFICE

SALT RIVER ABOVE RESERVOIR NEAR ETNA, WYOMING

YEAR  
OR  
PERIOD

MEAN

738

535,800

ACRE-  
FEET



Only discharge, in second-foot, at

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|-----|------|------|------|-------|
| 1   | 40   | 30   | 23   | 24   | 21   | 29   | 71   | 212 | 289  | 139  | 59   | 36    |
| 2   | 37   | 30   | 22   | 24   | 21   | 29   | 84   | 248 | 300  | 133  | 58   | 44    |
| 3   | 38   | 26   | 25   | 24   | 21   | 29   | 79   | 263 | 322  | 127  | 58   | 41    |
| 4   | 34   | 24   | 27   | 23   | 21   | 30   | 76   | 275 | 358  | 123  | 56   | 41    |
| 5   | 37   | 22   | 25   | 22   | 20   | 31   | 76   | 318 | 366  | 121  | 56   | 40    |
| 6   | 41   | 25   | 24   | 20   | 22   | 31   | 72   | 300 | 406  | 119  | 55   | 40    |
| 7   | 37   | 26   | 25   | 18   | 22   | 30   | 69   | 251 | 406  | 114  | 55   | 37    |
| 8   | 34   | 26   | 26   | 20   | 22   | 29   | 66   | 233 | 374  | 112  | 53   | 36    |
| 9   | 33   | 27   | 26   | 21   | 22   | 29   | 63   | 245 | 378  | 114  | 55   | 36    |
| 10  | 32   | 28   | 25   | 22   | 21   | 28   | 67   | 266 | 370  | 112  | 66   | 36    |
| 11  | 31   | 27   | 25   | 22   | 21   | 30   | 83   | 292 | 354  | 106  | 58   | 36    |
| 12  | 32   | 27   | 25   | 21   | 22   | 32   | 97   | 322 | 346  | 102  | 52   | 34    |
| 13  | 31   | 26   | 24   | 19   | 22   | 33   | 88   | 314 | 342  | 99   | 50   | 34    |
| 14  | 31   | 26   | 21   | 19   | 21   | 32   | 83   | 286 | 303  | 95   | 59   | 36    |
| 15  | 31   | 26   | 22   | 20   | 22   | 32   | 83   | 210 | 300  | 91   | 58   | 38    |
| 16  | 30   | 26   | 24   | 20   | 23   | 32   | 81   | 195 | 266  | 90   | 55   | 37    |
| 17  | 30   | 26   | 25   | 20   | 23   | 33   | 79   | 227 | 257  | 86   | 52   | 36    |
| 18  | 28   | 25   | 25   | 17   | 23   | 32   | 76   | 242 | 248  | 83   | 58   | 36    |
| 19  | 28   | 26   | 25   | 18   | 25   | 31   | 78   | 251 | 236  | 81   | 55   | 34    |
| 20  | 27   | 26   | 24   | 18   | 27   | 32   | 72   | 263 | 227  | 78   | 61   | 37    |
| 21  | 27   | 26   | 24   | 18   | 29   | 32   | 71   | 282 | 215  | 76   | 55   | 38    |
| 22  | 28   | 24   | 24   | 19   | 30   | 31   | 69   | 292 | 205  | 74   | 72   | 37    |
| 23  | 30   | 25   | 25   | 19   | 30   | 32   | 74   | 278 | 195  | 72   | 55   | 36    |
| 24  | 28   | 25   | 25   | 22   | 30   | 36   | 83   | 257 | 185  | 72   | 47   | 34    |
| 25  | 28   | 25   | 25   | 23   | 28   | 38   | 81   | 251 | 170  | 69   | 42   | 33    |
| 26  | 28   | 24   | 25   | 24   | 28   | 44   | 79   | 257 | 163  | 67   | 38   | 33    |
| 27  | 27   | 20   | 25   | 23   | 28   | 42   | 78   | 257 | 161  | 66   | 38   | 32    |
| 28  | 36   | 27   | 25   | 22   | 28   | 44   | 86   | 269 | 156  | 66   | 38   | 32    |
| 29  | 32   | 26   | 25   | 22   | 28   | 53   | 114  | 310 | 150  | 63   | 37   | 31    |
| 30  | 30   | 25   | 25   | 22   | 28   | 69   | 165  | 330 | 143  | 64   | 37   | 30    |
| 31  | 28   | 23   | 23   | 22   | 28   | 66   |      | 303 |      | 61   | 37   |       |

|               |       |       |       |       |       |       |       |        |        |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|
| MEAN          | 31.7  | 25.7  | 24.5  | 20.9  | 24.2  | 35.5  | 81.4  | 268    | 273    | 92.7  | 52.4  | 36.0  |
| ACRE-<br>FEET | 1,950 | 1,530 | 1,510 | 1,290 | 1,390 | 2,180 | 4,850 | 16,460 | 16,250 | 5,700 | 3,220 | 2,140 |



for the year ending September 30, 1933

| Day | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May    | June   | July   | Aug.   | Sept. |
|-----|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|-------|
| 1   | 7,690 | 2,510 | 2,500 | 2,230 | 1,070 | 1,060 | 2,820 | 10,300 | 10,300 | 11,900 | 12,300 | 4,360 |
| 2   | 7,770 | 2,510 | 2,490 | 2,560 | 1,040 | 1,050 | 2,890 | 10,300 | 10,300 | 11,100 | 12,200 | 4,350 |
| 3   | 5,750 | 2,490 | 2,360 | 2,550 | 1,030 | 1,050 | 3,010 | 10,300 | 10,300 | 10,700 | 12,100 | 4,390 |
| 4   | 5,100 | 2,510 | 2,580 | 2,570 | 1,030 | 1,050 | 3,030 | 11,400 | 10,800 | 10,800 | 11,900 | 4,370 |
| 5   | 3,950 | 2,250 | 2,490 | 2,600 | 1,040 | 1,070 | 3,090 | 12,200 | 12,900 | 11,100 | 11,100 | 4,400 |
| 6   | 3,980 | 2,540 | 2,480 | 2,300 | 1,030 | 1,060 | 3,090 | 12,100 | 14,200 | 11,400 | 10,800 | 4,910 |
| 7   | 3,520 | 2,520 | 2,500 | 2,060 | 1,040 | 1,060 | 3,090 | 12,100 | 14,200 | 11,900 | 10,800 | 4,860 |
| 8   | 3,510 | 2,520 | 2,510 | 2,520 | 1,060 | 1,060 | 3,090 | 12,100 | 14,200 | 12,200 | 10,800 | 4,850 |
| 9   | 3,520 | 2,510 | 2,500 | 2,550 | 1,050 | 1,060 | 3,100 | 12,100 | 14,200 | 12,700 | 10,700 | 5,460 |
| 10  | 3,070 | 2,500 | 2,390 | 2,430 | 1,040 | 1,070 | 3,080 | 12,100 | 14,200 | 12,700 | 10,400 | 6,380 |
| 11  | 2,990 | 2,490 | 2,490 | 2,440 | 1,060 | 1,070 | 3,090 | 12,100 | 14,900 | 12,700 | 10,200 | 6,970 |
| 12  | 3,000 | 2,210 | 2,450 | 2,540 | 1,050 | 1,620 | 3,100 | 12,100 | 16,200 | 12,700 | 9,620  | 7,490 |
| 13  | 2,550 | 2,490 | 2,490 | 2,260 | 1,070 | 1,650 | 3,100 | 12,100 | 16,200 | 12,700 | 8,780  | 7,730 |
| 14  | 2,440 | 2,450 | 2,450 | 2,080 | 1,040 | 1,080 | 3,090 | 12,000 | 16,500 | 12,700 | 7,880  | 7,730 |
| 15  | 2,420 | 1,490 | 2,460 | 2,510 | 1,040 | 1,060 | 3,090 | 12,100 | 17,500 | 12,500 | 7,480  | 7,730 |
| 16  | 2,430 | 1,470 | 2,430 | 2,540 | 1,040 | 1,060 | 4,110 | 12,100 | 17,700 | 12,500 | 7,460  | 7,550 |
| 17  | 2,450 | 1,470 | 2,340 | 2,610 | 1,030 | 1,060 | 4,160 | 12,000 | 17,200 | 12,500 | 7,480  | 7,390 |
| 18  | 2,410 | 1,470 | 2,470 | 2,620 | 1,050 | 1,060 | 4,150 | 12,000 | 16,700 | 12,500 | 7,470  | 7,360 |
| 19  | 2,360 | 1,470 | 2,450 | 2,610 | 1,040 | 1,060 | 4,180 | 12,000 | 16,700 | 12,400 | 7,420  | 7,370 |
| 20  | 2,480 | 1,470 | 2,440 | 2,220 | 1,050 | 1,380 | 4,180 | 12,000 | 16,700 | 12,400 | 5,690  | 7,380 |
| 21  | 2,510 | 2,740 | 2,440 | 1,800 | 1,040 | 1,420 | 4,180 | 12,000 | 16,700 | 12,400 | 4,870  | 7,400 |
| 22  | 2,500 | 2,890 | 2,410 | 2,630 | 1,050 | 1,440 | 4,190 | 12,000 | 16,700 | 12,400 | 4,870  | 7,400 |
| 23  | 2,520 | 2,470 | 2,240 | 2,690 | 1,040 | 1,440 | 5,220 | 12,000 | 16,100 | 12,400 | 4,890  | 7,380 |
| 24  | 2,520 | 2,840 | 2,140 | 2,620 | 1,050 | 1,440 | 5,270 | 12,000 | 15,100 | 12,500 | 4,890  | 6,380 |
| 25  | 2,500 | 2,700 | 2,140 | 2,650 | 1,040 | 1,440 | 5,270 | 12,000 | 14,200 | 12,700 | 4,890  | 5,300 |
| 26  | 2,500 | 2,510 | 2,670 | 2,630 | 1,050 | 1,440 | 5,270 | 12,000 | 14,200 | 12,600 | 4,910  | 4,750 |
| 27  | 2,480 | 2,960 | 2,650 | 2,200 | 1,040 | 1,450 | 7,370 | 12,000 | 13,600 | 11,900 | 4,280  | 4,220 |
| 28  | 2,450 | 2,490 | 2,650 | 1,860 | 1,040 | 1,460 | 7,400 | 12,000 | 12,500 | 11,900 | 4,310  | 4,210 |
| 29  | 2,290 | 2,540 | 2,660 | 2,650 | 1,030 | 1,470 | 8,700 | 11,200 | 12,200 | 11,900 | 4,310  | 4,210 |
| 30  | 2,450 | 2,510 | 2,300 | 2,660 |       | 1,470 | 9,980 | 10,300 | 12,100 | 12,500 | 4,330  | 4,210 |
| 31  | 2,450 |       | 2,260 | 2,670 |       | 1,470 |       | 10,300 |        | 12,400 | 4,330  |       |

|               |         |         |         |         |        |        |         |         |         |         |         |         |
|---------------|---------|---------|---------|---------|--------|--------|---------|---------|---------|---------|---------|---------|
| MEAN          | 3,244   | 2,333   | 2,446   | 2,447   | 1,044  | 1,246  | 4,313   | 11,720  | 14,510  | 12,180  | 7,854   | 5,950   |
| ACRE-<br>FEET | 199,500 | 138,800 | 150,400 | 150,500 | 60,060 | 76,620 | 256,600 | 720,600 | 863,400 | 749,200 | 482,900 | 354,000 |



| Day | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.   | May    | June   | July   | Aug.   | Sept. |
|-----|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-------|
| 1   | 8,210 | 3,010 | 2,990 | 2,720 | 2,060 | 1,420 | 2,810  | 11,500 | 11,400 | 13,100 | 12,800 | 4,900 |
| 2   | 8,240 | 3,010 | 2,990 | 2,860 | 1,420 | 1,510 | 3,550  | 11,600 | 11,400 | 12,400 | 12,700 | 4,960 |
| 3   | 6,880 | 2,970 | 2,990 | 3,050 | 1,450 | 1,440 | 3,640  | 11,700 | 11,500 | 11,700 | 12,600 | 4,980 |
| 4   | 5,920 | 3,010 | 3,080 | 3,050 | 1,390 | 1,420 | 3,590  | 12,200 | 11,600 | 11,600 | 12,500 | 4,960 |
| 5   | 5,010 | 2,860 | 3,100 | 3,140 | 1,420 | 1,460 | 3,640  | 13,600 | 13,400 | 11,900 | 11,900 | 4,960 |
| 6   | 4,740 | 2,920 | 3,010 | 3,030 | 1,390 | 1,460 | 3,710  | 13,500 | 15,400 | 12,100 | 11,200 | 5,230 |
| 7   | 4,360 | 3,050 | 3,010 | 2,680 | 1,410 | 1,520 | 3,710  | 13,300 | 15,500 | 12,600 | 11,200 | 5,430 |
| 8   | 4,140 | 3,010 | 3,050 | 2,770 | 1,390 | 1,480 | 3,670  | 13,200 | 15,600 | 12,700 | 11,200 | 5,430 |
| 9   | 4,140 | 3,050 | 2,990 | 3,030 | 1,380 | 1,520 | 3,640  | 13,100 | 15,600 | 13,400 | 11,200 | 5,540 |
| 10  | 3,840 | 3,030 | 2,970 | 2,940 | 1,410 | 1,450 | 3,640  | 13,100 | 15,700 | 13,400 | 10,900 | 6,670 |
| 11  | 3,570 | 3,030 | 2,990 | 2,880 | 1,360 | 1,450 | 3,690  | 13,200 | 15,900 | 13,300 | 10,700 | 7,160 |
| 12  | 3,550 | 2,810 | 2,970 | 2,920 | 1,420 | 1,760 | 3,710  | 13,200 | 17,600 | 13,300 | 10,400 | 7,740 |
| 13  | 3,300 | 2,860 | 2,920 | 2,900 | 1,420 | 2,060 | 3,710  | 13,300 | 17,800 | 13,200 | 9,540  | 8,110 |
| 14  | 3,030 | 2,990 | 2,920 | 2,580 | 1,380 | 1,700 | 3,690  | 13,300 | 17,700 | 13,100 | 8,780  | 8,070 |
| 15  | 3,010 | 2,200 | 2,920 | 2,680 | 1,380 | 1,420 | 3,640  | 13,400 | 18,600 | 13,000 | 8,010  | 8,040 |
| 16  | 3,010 | 1,900 | 3,050 | 2,990 | 1,350 | 1,460 | 4,340  | 13,200 | 18,900 | 12,800 | 8,010  | 7,980 |
| 17  | 2,990 | 1,870 | 2,940 | 3,010 | 1,440 | 1,440 | 4,690  | 13,200 | 18,500 | 12,800 | 8,010  | 7,710 |
| 18  | 2,990 | 1,870 | 3,080 | 3,030 | 1,360 | 1,440 | 4,690  | 13,100 | 17,600 | 12,700 | 8,070  | 7,680 |
| 19  | 2,920 | 1,870 | 3,120 | 3,050 | 1,460 | 1,410 | 4,690  | 13,200 | 17,600 | 12,600 | 8,110  | 7,710 |
| 20  | 2,920 | 1,880 | 3,100 | 2,900 | 1,570 | 1,510 | 4,690  | 13,100 | 17,600 | 12,700 | 7,130  | 7,710 |
| 21  | 2,990 | 2,660 | 3,100 | 2,390 | 1,510 | 1,750 | 4,660  | 13,100 | 17,500 | 12,600 | 6,040  | 7,780 |
| 22  | 3,010 | 3,410 | 3,100 | 2,660 | 1,510 | 1,750 | 4,690  | 13,200 | 17,500 | 12,600 | 5,890  | 7,740 |
| 23  | 2,990 | 3,210 | 2,920 | 3,140 | 1,500 | 1,830 | 5,340  | 13,100 | 17,300 | 12,600 | 5,860  | 7,710 |
| 24  | 3,010 | 3,210 | 2,600 | 3,140 | 1,480 | 1,830 | 5,800  | 13,100 | 16,500 | 12,600 | 5,770  | 6,940 |
| 25  | 2,990 | 3,250 | 2,620 | 3,140 | 1,450 | 1,830 | 5,860  | 13,100 | 15,300 | 12,800 | 5,740  | 5,980 |
| 26  | 2,970 | 3,120 | 2,900 | 3,140 | 1,460 | 1,850 | 5,800  | 13,000 | 15,300 | 12,900 | 5,680  | 5,310 |
| 27  | 2,920 | 3,250 | 3,140 | 2,860 | 1,420 | 1,870 | 7,160  | 13,000 | 15,000 | 12,400 | 5,170  | 4,790 |
| 28  | 3,030 | 3,160 | 3,140 | 2,370 | 1,420 | 1,880 | 7,980  | 13,000 | 13,900 | 12,300 | 4,960  | 4,610 |
| 29  | 2,860 | 3,010 | 3,140 | 2,600 | 1,420 | 1,920 | 8,880  | 12,800 | 13,200 | 12,300 | 4,930  | 4,610 |
| 30  | 2,900 | 3,030 | 2,920 | 3,050 |       | 1,970 | 10,700 | 11,700 | 13,200 | 12,800 | 4,930  | 4,590 |
| 31  | 2,940 |       | 2,700 | 3,050 |       | 2,010 |        | 11,600 |        | 12,800 | 4,900  |       |

|               |         |         |         |         |        |         |         |         |         |         |         |         |
|---------------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|---------|
| MEAN          | 3,851   | 2,817   | 2,980   | 2,895   | 1,449  | 1,639   | 4,800   | 12,890  | 15,650  | 12,680  | 8,543   | 6,368   |
| ACRE-<br>FEET | 236,900 | 167,600 | 183,200 | 178,000 | 83,370 | 100,800 | 285,600 | 792,800 | 931,400 | 779,700 | 525,300 | 378,900 |

Plate No. 34

6,397

MEAN

YEAR  
OR  
PERIOD

4,644,000

ACRE-  
FEET

U. S. GOVERNMENT PRINTING OFFICE  
0-7149  
SNAKE RIVER NEAR HEISE, IDAHO

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr.  | May    | June   | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|-------|--------|--------|------|------|-------|
| 1   |      |      |      |      |      |      | 3,320 | 8,210  | 18,500 |      |      |       |
| 2   |      |      |      |      |      |      | 4,800 | 9,580  | 19,000 |      |      |       |
| 3   |      |      |      |      |      |      | 5,360 | 10,500 | 24,000 |      |      |       |
| 4   |      |      |      |      |      |      | 4,220 | 10,400 | 26,800 |      |      |       |
| 5   |      |      |      |      |      |      | 4,020 | 12,800 | 26,700 |      |      |       |
| 6   |      |      |      |      |      |      | 4,220 | 13,000 | 27,600 |      |      |       |
| 7   |      |      |      |      |      |      | 4,340 | 10,800 | 29,700 |      |      |       |
| 8   |      |      |      |      |      |      | 3,670 | 9,250  | 25,500 |      |      |       |
| 9   |      |      |      |      |      |      | 3,760 | 9,030  | 24,100 |      |      |       |
| 10  |      |      |      |      |      |      | 3,760 | 10,400 | 23,500 |      |      |       |
| 11  |      |      |      |      |      |      | 4,320 | 11,400 | 22,600 |      |      |       |
| 12  |      |      |      |      |      |      | 4,600 | 13,100 | 22,700 |      |      |       |
| 13  |      |      |      |      |      |      | 4,840 | 13,800 | 26,900 |      |      |       |
| 14  |      |      |      |      |      |      | 4,200 | 13,600 | 25,000 |      |      |       |
| 15  |      |      |      |      |      |      | 4,530 | 12,500 | 21,600 |      |      |       |
| 16  |      |      |      |      |      |      | 3,960 | 10,300 | 20,700 |      |      |       |
| 17  |      |      |      |      |      |      | 4,430 | 9,430  | 21,300 |      |      |       |
| 18  |      |      |      |      |      |      | 4,180 | 10,300 | 23,200 |      |      |       |
| 19  |      |      |      |      |      |      | 3,680 | 9,690  | 25,400 |      |      |       |
| 20  |      |      |      |      |      |      | 4,180 | 11,000 | 25,600 |      |      |       |
| 21  |      |      |      |      |      |      | 3,530 | 12,300 | 27,000 |      |      |       |
| 22  |      |      |      |      |      |      | 3,680 | 12,900 | 25,400 |      |      |       |
| 23  |      |      |      |      |      |      | 3,950 | 12,700 | 25,800 |      |      |       |
| 24  |      |      |      |      |      |      | 4,290 | 12,700 | 24,700 |      |      |       |
| 25  |      |      |      |      |      |      | 4,290 | 12,500 | 21,400 |      |      |       |
| 26  |      |      |      |      |      |      | 3,610 | 12,400 | 19,500 |      |      |       |
| 27  |      |      |      |      |      |      | 5,070 | 11,700 | 18,700 |      |      |       |
| 28  |      |      |      |      |      |      | 4,340 | 12,100 | 20,000 |      |      |       |
| 29  |      |      |      |      |      |      | 6,380 | 14,700 | 18,800 |      |      |       |
| 30  |      |      |      |      |      |      |       | 18,400 | 16,100 |      |      |       |
| 31  |      |      |      |      |      |      |       | 18,700 |        |      |      |       |

| MEAN      |         |         |         |         |         |         |         |         |           |         |         |         |
|-----------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|
| ACRE-RENT | 268,900 | 212,300 | 197,200 | 184,700 | 179,700 | 187,200 | 252,900 | 734,000 | 1,384,000 | 627,300 | 410,900 | 298,300 |

Plate No. 34 A.

of the information required and of

| Day | Oct.     | Nov.     | Dec.     | Jan.   | Feb.     | Mar.     | Apr.     | May      | June     | July     | Aug.   | Sept.    |
|-----|----------|----------|----------|--------|----------|----------|----------|----------|----------|----------|--------|----------|
| 1   |          |          |          |        |          |          |          |          |          |          |        |          |
| 2   |          |          |          |        |          |          |          |          |          |          |        |          |
| 3   |          |          |          |        |          |          |          |          |          |          |        |          |
| 4   |          |          |          |        |          |          |          |          |          |          |        |          |
| 5   |          |          |          |        |          |          |          |          |          |          |        |          |
| 6   | 74,600   |          |          |        |          | 83,200   | 83,800   | 86,800   |          |          |        | 76,600   |
| 7   |          |          |          |        |          |          |          |          |          |          |        |          |
| 8   |          |          |          |        |          |          |          |          |          |          |        |          |
| 9   |          |          |          |        |          |          |          |          |          |          |        |          |
| 10  |          |          |          |        |          |          |          |          |          |          |        |          |
| 11  |          |          |          |        |          |          |          |          |          |          |        |          |
| 12  |          |          |          | 80,600 |          |          |          | 87,000   | 88,800   |          |        |          |
| 13  |          |          |          |        |          |          |          |          |          |          |        |          |
| 14  |          |          |          |        |          |          |          |          |          |          |        |          |
| 15  |          |          |          |        |          |          |          |          |          |          |        |          |
| 16  | 74,100   |          |          |        |          |          |          |          |          |          |        |          |
| 17  |          |          |          |        |          |          |          |          |          |          |        |          |
| 18  |          |          |          |        |          |          |          |          | 87,800   |          |        |          |
| 19  |          |          |          |        |          |          |          |          |          |          |        |          |
| 20  |          |          |          |        |          |          |          |          |          |          |        |          |
| 21  |          | 76,100   |          |        |          |          |          |          |          | 86,800   | 77,800 |          |
| 22  |          |          |          |        |          |          |          |          |          |          |        |          |
| 23  |          |          |          |        |          |          |          |          |          |          |        |          |
| 24  |          |          |          |        |          |          |          |          |          |          |        |          |
| 25  |          |          |          |        |          |          |          |          |          |          |        |          |
| 26  |          |          |          |        |          |          |          |          |          |          |        |          |
| 27  |          |          |          |        |          |          |          |          |          |          |        |          |
| 28  |          |          |          |        | 82,600   |          |          |          |          |          |        | 77,800   |
| 29  |          |          |          |        | * 82,700 |          |          |          |          |          |        |          |
| 30  |          | * 75,800 |          |        |          |          | * 86,100 |          | * 87,400 |          |        | * 77,800 |
| 31  | * 74,900 |          | * 79,500 | 81,400 |          | * 83,700 |          | * 88,000 |          | * 84,200 | 77,300 |          |

\* Interpolated.

[illegible]



| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|-----|------|------|------|-------|
| 1   | 115  | 22   | 22   | 25   | 28   | 33   | 32   | 41  | 67   | 87   | 197  | 97    |
| 2   | 104  | 22   | 22   | 25   | 28   | 33   | 32   | 41  | 68   | 86   | 197  | 97    |
| 3   | 117  | 22   | 22   | 25   | 30   | 33   | 32   | 42  | 69   | 86   | 197  | 97    |
| 4   | 157  | 22   | 22   | 25   | 30   | 33   | 32   | 46  | 71   | 84   | 197  | 97    |
| 5   | 157  | 22   | 22   | 25   | 30   | 33   | 32   | 47  | 80   | 83   | 195  | 97    |
| 6   | 167  | 22   | 23   | 25   | 30   | 33   | 32   | 49  | 87   | 80   | 193  | 97    |
| 7   | 109  | 22   | 23   | 25   | 30   | 33   | 32   | 54  | 95   | 80   | 195  | 97    |
| 8   | 67   | 22   | 23   | 25   | 30   | 33   | 32   | 71  | 107  | 71   | 197  | 70    |
| 9   | 67   | 22   | 23   | 25   | 30   | 33   | 33   | 71  | 114  | 42   | 197  | 51    |
| 10  | 67   | 22   | 23   | 25   | 30   | 33   | 33   | 71  | 117  | 41   | 197  | 51    |
| 11  | 67   | 22   | 23   | 25   | 32   | 33   | 34   | 71  | 119  | 41   | 197  | 51    |
| 12  | 66   | 22   | 23   | 25   | 32   | 33   | 34   | 71  | 123  | 39   | 197  | 51    |
| 13  | 66   | 22   | 23   | 25   | 32   | 33   | 34   | 72  | 174  | 39   | 197  | 51    |
| 14  | 66   | 22   | 23   | 25   | 32   | 33   | 34   | 90  | 274  | 39   | 197  | 51    |
| 15  | 63   | 22   | 23   | 25   | 32   | 33   | 34   | 138 | 264  | 38   | 197  | 51    |
| 16  | 62   | 22   | 23   | 26   | 32   | 32   | 34   | 134 | 257  | 39   | 197  | 51    |
| 17  | 62   | 22   | 23   | 26   | 32   | 32   | 34   | 132 | 248  | 39   | 197  | 51    |
| 18  | 62   | 22   | 23   | 26   | 32   | 32   | 34   | 128 | 244  | 38   | 197  | 51    |
| 19  | 62   | 22   | 24   | 26   | 32   | 32   | 34   | 123 | 239  | 36   | 197  | 51    |
| 20  | 49   | 22   | 24   | 26   | 32   | 32   | 34   | 117 | 241  | 34   | 197  | 51    |
| 21  | 22   | 22   | 24   | 26   | 32   | 32   | 34   | 115 | 237  | 34   | 197  | 51    |
| 22  | 22   | 22   | 24   | 26   | 32   | 32   | 34   | 115 | 237  | 104  | 141  | 51    |
| 23  | 22   | 22   | 24   | 26   | 33   | 32   | 34   | 121 | 235  | 217  | 95   | 51    |
| 24  | 22   | 22   | 24   | 26   | 33   | 32   | 34   | 111 | 177  | 210  | 95   | 51    |
| 25  | 22   | 22   | 24   | 26   | 33   | 32   | 34   | 107 | 86   | 206  | 95   | 51    |
| 26  | 20   | 22   | 24   | 28   | 33   | 32   | 34   | 106 | 86   | 204  | 95   | 51    |
| 27  | 22   | 22   | 24   | 28   | 33   | 32   | 34   | 87  | 86   | 202  | 95   | 51    |
| 28  | 22   | 22   | 24   | 28   | 33   | 32   | 35   | 69  | 86   | 195  | 95   | 51    |
| 29  | 22   | 22   | 24   | 28   | 33   | 32   | 36   | 69  | 90   | 193  | 95   | 51    |
| 30  | 22   | 22   | 24   | 28   | 33   | 32   | 38   | 68  | 86   | 193  | 95   | 51    |
| 31  | 22   | 22   | 24   | 28   | 33   | 32   | 38   | 67  | 86   | 195  | 95   | 51    |

|               |       |       |       |       |       |       |       |       |       |       |        |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| MEAN          | 64.3  | 22.0  | 23.3  | 25.9  | 31.4  | 32.5  | 33.6  | 85.3  | 149   | 99.2  | 165    | 62.4  |
| ACRE-<br>FEET | 3,950 | 1,310 | 1,430 | 1,590 | 1,810 | 2,000 | 2,000 | 5,240 | 8,850 | 6,100 | 10,170 | 3,710 |

Plate No. 36

YEAR  
FOR  
PERIOD

MEAN  
ACRE-  
FEET

U. S. GOVERNMENT PRINTING OFFICE 16-00066-1  
HENRYS FORK NEAR LAKE, IDAHO

66.3  
48,160



Daily discharge, in second-feet, of

HEBRYE FORK NEAR ISLAND PARK, IDAHO

for the year ending September 30, 1935

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May   | June  | July  | Aug.  | Sept. |
|-----|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 1   | 579  | 589  | 14   | 496  | 222  | 447  | 506  | 718   | 872   | 664   | 1,520 | 481   |
| 2   | 579  | 589  | 14   | 496  | 222  | 452  | 521  | 806   | 872   | 653   | 1,420 | 481   |
| 3   | 584  | 584  | 14   | 496  | 222  | 457  | 516  | 914   | 854   | 648   | 1,420 | 481   |
| 4   | 579  | 584  | 261  | 501  | 222  | 462  | 511  | 1,050 | 866   | 632   | 1,410 | 481   |
| 5   | 573  | 584  | 414  | 501  | 222  | 462  | 531  | 1,210 | 878   | 610   | 1,410 | 481   |
| 6   | 579  | 584  | 409  | 501  | 226  | 471  | 558  | 1,250 | 908   | 605   | 1,400 | 481   |
| 7   | 579  | 584  | 409  | 501  | 226  | 491  | 536  | 1,190 | 962   | 621   | 1,250 | 481   |
| 8   | 579  | 579  | 409  | 501  | 226  | 501  | 526  | 1,100 | 968   | 848   | 1,250 | 481   |
| 9   | 579  | 579  | 409  | 501  | 226  | 496  | 516  | 1,050 | 1,010 | 980   | 1,250 | 486   |
| 10  | 573  | 573  | 404  | 501  | 226  | 491  | 511  | 992   | 1,030 | 1,030 | 1,250 | 486   |
| 11  | 573  | 579  | 443  | 501  | 226  | 491  | 516  | 986   | 1,060 | 1,030 | 1,250 | 486   |
| 12  | 573  | 579  | 471  | 501  | 226  | 486  | 521  | 992   | 1,060 | 1,110 | 1,250 | 491   |
| 13  | 573  | 579  | 491  | 501  | 226  | 496  | 521  | 998   | 1,050 | 1,210 | 1,250 | 491   |
| 14  | 573  | 579  | 506  | 501  | 226  | 501  | 521  | 1,020 | 1,020 | 1,210 | 1,090 | 491   |
| 15  | 573  | 288  | 506  | 501  | 226  | 496  | 521  | 1,060 | 1,000 | 1,210 | 956   | 496   |
| 16  | 573  | 11   | 506  | 501  | 226  | 496  | 526  | 1,060 | 992   | 1,210 | 956   | 496   |
| 17  | 573  | 11   | 506  | 315  | 226  | 496  | 399  | 1,030 | 974   | 1,210 | 956   | 496   |
| 18  | 579  | 11   | 501  | 219  | 229  | 501  | 352  | 998   | 950   | 1,210 | 956   | 506   |
| 19  | 579  | 11   | 501  | 219  | 251  | 491  | 390  | 962   | 944   | 1,200 | 956   | 506   |
| 20  | 579  | 11   | 501  | 219  | 292  | 481  | 433  | 932   | 920   | 1,190 | 914   | 506   |
| 21  | 584  | 11   | 501  | 219  | 333  | 481  | 457  | 956   | 920   | 1,190 | 669   | 511   |
| 22  | 584  | 11   | 496  | 219  | 366  | 481  | 471  | 1,000 | 902   | 1,180 | 669   | 506   |
| 23  | 579  | 11   | 496  | 219  | 385  | 481  | 481  | 1,020 | 878   | 1,170 | 669   | 506   |
| 24  | 584  | 11   | 496  | 219  | 404  | 481  | 496  | 1,020 | 860   | 1,280 | 669   | 506   |
| 25  | 584  | 11   | 496  | 219  | 419  | 481  | 516  | 1,020 | 824   | 1,420 | 669   | 506   |
| 26  | 573  | 11   | 496  | 219  | 423  | 506  | 531  | 1,020 | 778   | 1,440 | 669   | 506   |
| 27  | 496  | 11   | 496  | 219  | 428  | 501  | 547  | 998   | 784   | 1,550 | 584   | 506   |
| 28  | 511  | 11   | 496  | 219  | 428  | 491  | 563  | 968   | 696   | 1,630 | 481   | 511   |
| 29  | 563  | 12   | 501  | 222  | 438  | 491  | 595  | 944   | 679   | 1,610 | 481   | 506   |
| 30  | 584  | 12   | 501  | 222  |      | 496  | 648  | 902   | 669   | 1,620 | 481   | 506   |
| 31  | 584  |      | 501  | 222  |      | 501  |      | 884   |       | 1,630 | 481   |       |

| MEAN             | 573    | 287    | 425    | 367    | 283    | 486    | 508    | 1,002  | 906    | 1,123  | 988    | 495    |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Accum. Discharge | 35,220 | 17,060 | 26,110 | 22,590 | 16,300 | 29,860 | 30,220 | 61,590 | 53,910 | 69,030 | 60,770 | 29,460 |



July discharge, in second feet, of \_\_\_\_\_ for the year ending September 30, 19\_\_\_\_

HENRYS FORK NEAR ASHTON, IDAHO

| Day | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 1,460 | 1,350 | 548   | 1,400 | 1,020 | 1,220 | 1,370 | 2,230 | 2,180 | 1,620 | 2,520 | 1,220 |
| 2   | 1,480 | 1,310 | 752   | 1,190 | 1,020 | 1,240 | 1,420 | 2,320 | 2,130 | 1,600 | 2,250 | 1,240 |
| 3   | 1,420 | 1,290 | 740   | 1,220 | 1,020 | 1,260 | 1,420 | 2,350 | 2,130 | 1,600 | 2,300 | 1,240 |
| 4   | 1,420 | 1,330 | 800   | 1,290 | 1,010 | 1,260 | 1,280 | 2,480 | 2,130 | 1,560 | 2,300 | 1,260 |
| 5   | 1,480 | 1,330 | 1,130 | 1,350 | 978   | 1,260 | 1,310 | 2,750 | 2,280 | 1,540 | 2,250 | 1,220 |
| 6   | 1,660 | 1,350 | 1,190 | 1,100 | 1,010 | 1,290 | 1,420 | 2,920 | 2,350 | 1,500 | 2,300 | 1,240 |
| 7   | 1,460 | 1,290 | 1,140 | 1,260 | 978   | 1,290 | 1,350 | 2,660 | 2,500 | 1,540 | 2,180 | 1,260 |
| 8   | 1,420 | 1,330 | 1,190 | 1,310 | 978   | 1,310 | 1,330 | 2,480 | 2,480 | 1,620 | 2,130 | 1,210 |
| 9   | 1,350 | 1,350 | 1,040 | 1,380 | 978   | 1,280 | 1,280 | 2,400 | 2,480 | 1,810 | 2,180 | 1,260 |
| 10  | 1,400 | 1,370 | 1,210 | 1,330 | 964   | 1,260 | 1,310 | 2,420 | 2,800 | 1,970 | 2,160 | 1,260 |
| 11  | 1,460 | 1,310 | 1,220 | 1,260 | 1,010 | 1,260 | 1,350 | 2,520 | 2,770 | 1,920 | 2,230 | 1,240 |
| 12  | 1,500 | 1,290 | 1,040 | 1,240 | 964   | 1,260 | 1,380 | 2,550 | 2,660 | 1,920 | 2,250 | 1,280 |
| 13  | 1,480 | 1,280 | 1,050 | 1,180 | 881   | 1,260 | 1,370 | 2,660 | 2,750 | 2,080 | 2,200 | 1,260 |
| 14  | 1,380 | 1,240 | 1,040 | 1,440 | 1,010 | 1,280 | 1,330 | 2,690 | 2,550 | 2,110 | 2,450 | 1,260 |
| 15  | 1,380 | 1,260 | 1,240 | 1,240 | 1,050 | 1,260 | 1,370 | 2,860 | 2,420 | 2,060 | 2,110 | 1,260 |
| 16  | 1,370 | 840   | 1,380 | 1,350 | 1,010 | 1,260 | 1,370 | 2,770 | 2,280 | 2,060 | 2,040 | 1,290 |
| 17  | 1,370 | 692   | 1,310 | 1,280 | 1,010 | 1,290 | 1,380 | 2,630 | 2,230 | 1,990 | 1,970 | 1,280 |
| 18  | 1,350 | 680   | 1,310 | 964   | 1,010 | 1,290 | 1,160 | 2,480 | 2,180 | 1,990 | 1,990 | 1,260 |
| 19  | 1,370 | 752   | 1,350 | 964   | 1,050 | 1,240 | 1,220 | 2,400 | 2,130 | 1,970 | 2,040 | 1,290 |
| 20  | 1,310 | 740   | 1,290 | 1,010 | 1,160 | 1,220 | 1,290 | 2,420 | 2,110 | 1,970 | 2,250 | 1,290 |
| 21  | 1,330 | 752   | 1,190 | 993   | 1,160 | 1,210 | 1,290 | 2,550 | 2,080 | 1,970 | 2,040 | 1,350 |
| 22  | 1,330 | 728   | 1,220 | 1,010 | 1,180 | 1,220 | 1,280 | 2,750 | 2,060 | 1,970 | 1,810 | 1,380 |
| 23  | 1,370 | 716   | 1,330 | 1,020 | 1,190 | 1,220 | 1,310 | 2,720 | 2,010 | 1,940 | 1,720 | 1,330 |
| 24  | 1,310 | 814   | 1,350 | 1,010 | 1,210 | 1,260 | 1,380 | 2,690 | 1,990 | 1,940 | 1,600 | 1,290 |
| 25  | 1,350 | 692   | 1,350 | 993   | 1,210 | 1,280 | 1,400 | 2,690 | 1,920 | 2,200 | 1,540 | 1,290 |
| 26  | 1,310 | 740   | 1,330 | 964   | 1,220 | 1,350 | 1,440 | 2,770 | 1,900 | 2,280 | 1,540 | 1,310 |
| 27  | 1,280 | 1,050 | 1,240 | 993   | 1,220 | 1,280 | 1,440 | 2,580 | 1,790 | 2,300 | 1,500 | 1,280 |
| 28  | 1,330 | 1,050 | 1,330 | 964   | 1,210 | 1,260 | 1,500 | 2,500 | 1,720 | 2,500 | 1,370 | 1,290 |
| 29  | 1,350 | 405   | 1,310 | 993   | 1,210 | 1,330 | 1,640 | 2,420 | 1,720 | 2,500 | 1,260 | 1,280 |
| 30  | 1,330 | 405   | 1,260 | 1,020 |       | 1,370 | 1,900 | 2,400 | 1,720 | 2,520 | 1,220 | 1,280 |
| 31  | 1,330 |       | 1,180 | 1,010 |       | 1,370 |       | 2,280 |       | 2,520 | 1,260 |       |

|               |        |        |        |        |        |        |        |         |         |         |         |        |
|---------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|--------|
| MEAN          | 1,392  | 1,025  | 1,163  | 1,153  | 1,066  | 1,272  | 1,376  | 2,559   | 2,215   | 1,970   | 1,966   | 1,273  |
| ACRE-<br>FEET | 85,570 | 60,960 | 71,520 | 70,870 | 61,330 | 78,230 | 81,900 | 157,400 | 131,800 | 121,100 | 120,900 | 75,770 |

Plate No. 39

U. S. GOVERNMENT PRINTING OFFICE 10-00000-1  
HENRYS FORK NEAR ASHTON, IDAHO

YEAR  
OR  
PERIOD  
MEAN  
ACRE-  
FEET  
1,539  
1,117,000

COMPARISON TO 1914-15, for the year ending September 30, 19 00

GRASSY LAKE NEAR MORAN, WYOMING

1 daily discharge, the second-foot, of

| Day | Oct.   | Nov.   | Dec.   | Jan.    | Feb.    | Mar.    | Apr.    | May     | June    | July    | Aug.   | Sept.  |
|-----|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| 1   | 9.600  |        |        |         |         |         |         | 10.580  |         | 15.070  |        | 8.880  |
| 2   |        |        |        |         | 10.200  |         |         |         | 11.960  | 15.140  |        | 8.970  |
| 3   |        |        |        |         |         | 10.360  |         |         |         |         | 10.280 |        |
| 4   |        |        |        |         |         |         |         |         |         | 15.000  | 10.010 |        |
| 5   |        |        |        |         |         |         |         |         |         |         |        |        |
| 6   |        |        |        |         |         | 10.410  |         |         |         |         |        |        |
| 7   |        |        |        |         |         |         |         |         |         |         |        |        |
| 8   |        |        |        |         |         |         |         |         |         |         |        |        |
| 9   |        |        |        |         |         |         |         |         |         |         |        |        |
| 10  |        |        |        |         |         |         |         |         |         |         |        |        |
| 11  |        |        |        |         |         |         |         |         |         | 15.030  |        | 9.040  |
| 12  |        |        |        |         |         |         |         |         |         |         |        |        |
| 13  |        |        |        |         |         |         |         |         |         |         |        |        |
| 14  |        |        |        |         |         |         |         |         |         |         |        |        |
| 15  |        | 9.750  | 9.880  | 10.040  | 10.280  |         | 10.510  | 10.930  |         | 15.010  | 8.040  | 9.100  |
| 16  | 9.690  |        |        |         |         |         |         |         | 13.610  | 14.930  |        |        |
| 17  |        |        |        |         |         |         |         |         | 13.860  |         |        |        |
| 18  |        |        |        |         |         |         |         |         |         |         |        |        |
| 19  |        |        |        |         |         |         |         |         |         |         |        |        |
| 20  |        |        |        |         |         |         |         |         |         |         |        |        |
| 21  |        |        |        |         |         |         |         |         | 14.090  | 14.060  | 8.300  |        |
| 22  |        |        |        |         |         |         |         | 11.220  | 14.550  |         |        |        |
| 23  |        |        |        |         |         |         |         |         |         |         |        |        |
| 24  |        |        |        |         |         |         |         |         |         |         |        |        |
| 25  |        |        |        |         |         |         |         |         |         |         |        |        |
| 26  |        |        |        |         |         |         |         |         | 15.090  | 13.320  |        | 9.150  |
| 27  |        |        |        |         | 10.360  | 10.450  |         |         |         |         |        |        |
| 28  |        |        |        |         | *10.360 |         |         |         | 15.180  |         |        |        |
| 29  |        | 9.790  | 9.970  |         |         |         |         |         | *15.120 | 12.200  |        | *9.160 |
| 30  | 9.720  | *9.790 | *9.980 | *10.170 |         | *10.460 | *10.580 | *11.760 |         | *11.930 | *8.820 |        |
| 31  | *9.720 |        |        |         |         |         |         |         |         |         |        |        |

\* Interpolated

|       |  |  |  |  |  |  |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|--|--|--|--|--|--|
| MEAN  |  |  |  |  |  |  |  |  |  |  |  |  |
| ACRE- |  |  |  |  |  |  |  |  |  |  |  |  |
| FEET  |  |  |  |  |  |  |  |  |  |  |  |  |

for the year ending September 30, 19

FALLS RIVER NEAR SQUIRREL, IDAHO

Daily discharge, in second-feet, of

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May   | June  | July  | Aug.  | Sept. |
|-----|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 1   | 575  | 512  | 439  | 435  | 400  | 414  | 477  | 931   | 2,170 | 1,150 | 554   | 561   |
| 2   | 547  | 505  | 451  | 430  | 400  | 420  | 519  | 1,100 | 2,330 | 1,020 | 554   | 568   |
| 3   | 547  | 470  | 451  | 430  | 400  | 420  | 484  | 1,230 | 2,700 | 1,070 | 561   | 575   |
| 4   | 540  | 491  | 451  | 430  | 397  | 420  | 470  | 1,430 | 2,990 | 1,220 | 561   | 575   |
| 5   | 575  | 464  | 451  | 430  | 403  | 420  | 464  | 1,750 | 2,990 | 1,130 | 561   | 568   |
| 6   | 693  | 464  | 451  | 425  | 397  | 427  | 458  | 1,680 | 3,080 | 1,150 | 540   | 554   |
| 7   | 575  | 464  | 427  | 420  | 397  | 439  | 445  | 1,240 | 3,200 | 1,120 | 526   | 547   |
| 8   | 554  | 470  | 439  | 420  | 397  | 427  | 433  | 1,130 | 2,990 | 994   | 505   | 533   |
| 9   | 547  | 477  | 420  | 425  | 392  | 420  | 420  | 1,380 | 2,960 | 913   | 547   | 526   |
| 10  | 533  | 519  | 433  | 430  | 392  | 420  | 433  | 1,730 | 3,560 | 859   | 589   | 512   |
| 11  | 526  | 512  | 451  | 430  | 392  | 408  | 477  | 1,940 | 3,160 | 782   | 596   | 512   |
| 12  | 640  | 512  | 408  | 425  | 392  | 403  | 512  | 1,800 | 3,120 | 709   | 568   | 505   |
| 13  | 618  | 477  | 376  | 420  | 390  | 420  | 505  | 1,840 | 3,970 | 670   | 533   | 498   |
| 14  | 582  | 464  | 371  | 425  | 390  | 427  | 470  | 1,710 | 3,520 | 632   | 610   | 491   |
| 15  | 561  | 470  | 392  | 425  | 390  | 414  | 470  | 1,520 | 2,920 | 603   | 701   | 512   |
| 16  | 547  | 470  | 420  | 425  | 390  | 403  | 470  | 1,300 | 2,720 | 575   | 757   | 533   |
| 17  | 533  | 458  | 430  | 420  | 397  | 408  | 458  | 1,200 | 2,900 | 632   | 610   | 526   |
| 18  | 526  | 470  | 430  | 420  | 414  | 408  | 445  | 1,170 | 3,360 | 632   | 725   | 512   |
| 19  | 519  | 498  | 428  | 420  | 445  | 397  | 470  | 1,260 | 3,420 | 610   | 799   | 512   |
| 20  | 512  | 498  | 427  | 420  | 451  | 392  | 464  | 1,440 | 3,600 | 589   | 1,030 | 512   |
| 21  | 505  | 491  | 414  | 420  | 420  | 387  | 464  | 1,640 | 3,280 | 575   | 940   | 547   |
| 22  | 505  | 484  | 420  | 420  | 414  | 392  | 451  | 1,850 | 3,090 | 561   | 1,080 | 533   |
| 23  | 512  | 498  | 430  | 420  | 433  | 397  | 464  | 1,690 | 3,120 | 554   | 967   | 519   |
| 24  | 505  | 498  | 435  | 420  | 427  | 408  | 512  | 1,850 | 2,750 | 540   | 833   | 526   |
| 25  | 505  | 477  | 440  | 414  | 420  | 408  | 491  | 1,750 | 2,210 | 540   | 725   | 512   |
| 26  | 498  | 439  | 440  | 403  | 414  | 427  | 477  | 1,760 | 2,030 | 533   | 670   | 491   |
| 27  | 484  | 420  | 440  | 414  | 408  | 403  | 464  | 1,700 | 1,950 | 561   | 632   | 477   |
| 28  | 625  | 464  | 440  | 408  | 408  | 403  | 477  | 1,600 | 2,400 | 561   | 610   | 470   |
| 29  | 603  | 484  | 440  | 397  | 414  | 420  | 575  | 1,900 | 2,090 | 568   | 596   | 464   |
| 30  | 540  | 484  | 440  | 403  | 414  | 470  | 741  | 2,330 | 1,480 | 568   | 582   | 458   |
| 31  | 519  |      | 435  | 400  |      | 464  |      | 2,330 |       | 568   | 568   |       |

|               |        |        |        |        |        |        |        |        |         |        |        |        |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| MEAN          | 550    | 480    | 430    | 420    | 406    | 416    | 482    | 1,586  | 2,869   | 748    | 665    | 521    |
| ACRE-<br>FEET | 33,820 | 28,570 | 26,420 | 25,830 | 23,370 | 25,560 | 28,680 | 97,550 | 170,700 | 45,990 | 40,920 | 31,000 |

Plate No. 41

U-7149

U. S. GOVERNMENT PRINTING OFFICE

FALLS RIVER NEAR SQUIRREL, IDAHO

YEAR  
OR  
PERIOD

MEAN  
ACRE-  
FEET

797  
578,400



Daily discharge, in second-feet, of

FALLS RIVER NEAR CHESTER, IDAHO

for the year ending September 30, 1916

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May   | June  | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|-------|-------|------|------|-------|
| 1   | 261  | 477  | 480  | 435  | 410  | 515  | 562  | 896   | 2,100 | 743  | 76   | 306   |
| 2   | 241  | 470  | 450  | 435  | 410  | 505  | 615  | 1,140 | 2,180 | 555  | 72   | 306   |
| 3   | 241  | 452  | 460  | 430  | 410  | 495  | 592  | 1,300 | 2,500 | 519  | 79   | 320   |
| 4   | 265  | 470  | 460  | 435  | 410  | 491  | 555  | 1,490 | 2,880 | 647  | 87   | 310   |
| 5   | 292  | 446  | 460  | 435  | 415  | 470  | 548  | 1,800 | 2,960 | 592  | 89   | 310   |
| 6   | 470  | 452  | 460  | 430  | 420  | 477  | 548  | 1,840 | 3,080 | 600  | 79   | 296   |
| 7   | 385  | 464  | 445  | 425  | 420  | 491  | 519  | 1,300 | 3,360 | 585  | 77   | 288   |
| 8   | 375  | 458  | 445  | 425  | 420  | 484  | 512  | 1,010 | 3,170 | 452  | 72   | 270   |
| 9   | 370  | 464  | 440  | 430  | 420  | 470  | 491  | 1,230 | 3,000 | 390  | 83   | 249   |
| 10  | 360  | 505  | 440  | 435  | 420  | 470  | 505  | 1,560 | 3,800 | 385  | 168  | 233   |
| 11  | 355  | 505  | 445  | 435  | 415  | 458  | 570  | 1,900 | 3,450 | 237  | 162  | 229   |
| 12  | 452  | 498  | 455  | 435  | 415  | 452  | 615  | 1,720 | 3,170 | 188  | 149  | 225   |
| 13  | 519  | 470  | 410  | 430  | 415  | 464  | 608  | 1,800 | 4,040 | 138  | 124  | 237   |
| 14  | 452  | 452  | 360  | 425  | 410  | 477  | 562  | 1,780 | 3,910 | 89   | 221  | 253   |
| 15  | 422  | 464  | 360  | 430  | 410  | 458  | 555  | 1,600 | 3,030 | 92   | 335  | 253   |
| 16  | 405  | 464  | 410  | 430  | 420  | 452  | 555  | 1,310 | 2,730 | 95   | 505  | 292   |
| 17  | 380  | 464  | 425  | 425  | 420  | 464  | 533  | 1,150 | 2,760 | 98   | 335  | 296   |
| 18  | 365  | 470  | 435  | 425  | 445  | 464  | 505  | 1,050 | 3,150 | 103  | 390  | 278   |
| 19  | 375  | 484  | 435  | 425  | 480  | 446  | 540  | 1,110 | 3,260 | 108  | 592  | 274   |
| 20  | 375  | 505  | 435  | 425  | 500  | 434  | 519  | 1,300 | 3,380 | 112  | 860  | 283   |
| 21  | 370  | 498  | 430  | 425  | 505  | 428  | 498  | 1,540 | 3,140 | 99   | 878  | 340   |
| 22  | 375  | 470  | 425  | 430  | 460  | 434  | 477  | 1,790 | 2,790 | 87   | 970  | 380   |
| 23  | 385  | 498  | 435  | 430  | 500  | 446  | 491  | 1,670 | 2,790 | 74   | 878  | 370   |
| 24  | 380  | 505  | 440  | 430  | 530  | 464  | 548  | 1,830 | 2,480 | 61   | 719  | 375   |
| 25  | 375  | 491  | 445  | 425  | 550  | 470  | 526  | 1,830 | 1,830 | 48   | 555  | 370   |
| 26  | 375  | 477  | 445  | 420  | 545  | 498  | 498  | 1,840 | 1,550 | 47   | 470  | 335   |
| 27  | 365  | 440  | 445  | 420  | 540  | 477  | 477  | 1,730 | 1,400 | 47   | 422  | 325   |
| 28  | 458  | 460  | 445  | 425  | 535  | 477  | 470  | 1,580 | 1,790 | 46   | 410  | 330   |
| 29  | 600  | 480  | 445  | 415  | 530  | 519  | 519  | 1,740 | 1,630 | 82   | 395  | 325   |
| 30  | 512  | 490  | 445  | 410  |      | 592  | 687  | 2,210 | 1,100 | 117  | 365  | 315   |
| 31  | 477  |      | 445  | 410  |      | 578  |      | 2,290 |       | 68   | 325  |       |

|               |        |        |        |        |        |        |        |        |         |        |        |        |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| MEAN          | 388    | 475    | 437    | 427    | 454    | 478    | 540    | 1,559  | 2,747   | 242    | 353    | 299    |
| ACRE-<br>FEET | 23,870 | 28,250 | 26,890 | 26,260 | 26,140 | 29,400 | 32,130 | 95,870 | 163,500 | 14,880 | 21,700 | 17,800 |

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May   | June  | July  | Aug.  | Sept. |
|-----|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 1   | 986  | 1660 | 986  | 1700 | 1380 | 1670 | 1680 | 2,030 | 3,120 | 1,520 | 1,370 | 1,200 |
| 2   | 998  | 1620 | 1270 | 1550 | 1380 | 1670 | 1750 | 2,310 | 3,010 | 1,270 | 1,210 | 1,130 |
| 3   | 1050 | 1610 | 1340 | 1600 | 1390 | 1670 | 1730 | 2,380 | 3,250 | 1,180 | 1,210 | 1,130 |
| 4   | 1090 | 1670 | 1460 | 1650 | 1380 | 1640 | 1580 | 2,590 | 3,610 | 1,210 | 1,230 | 1,140 |
| 5   | 1140 | 1660 | 1440 | 1700 | 1370 | 1640 | 1580 | 3,100 | 4,040 | 1,120 | 1,260 | 1,130 |
| 6   | 1500 | 1670 | 1580 | 1450 | 1390 | 1660 | 1680 | 3,310 | 4,520 | 1,060 | 1,230 | 1,090 |
| 7   | 1300 | 1660 | 1500 | 1600 | 1400 | 1700 | 1580 | 2,550 | 5,180 | 1,010 | 1,160 | 1,080 |
| 8   | 1260 | 1700 | 1450 | 1700 | 1400 | 1700 | 1560 | 2,030 | 5,040 | 880   | 1,030 | 1,050 |
| 9   | 1230 | 1750 | 1300 | 1730 | 1400 | 1670 | 1500 | 2,050 | 4,810 | 1,020 | 1,060 | 998   |
| 10  | 1290 | 1810 | 1450 | 1670 | 1410 | 1640 | 1460 | 2,340 | 6,180 | 1,230 | 1,200 | 986   |
| 11  | 1300 | 1780 | 1450 | 1640 | 1480 | 1610 | 1500 | 2,660 | 5,830 | 1,120 | 1,260 | 962   |
| 12  | 1490 | 1750 | 1300 | 1620 | 1440 | 1610 | 1580 | 2,480 | 5,330 | 950   | 1,290 | 962   |
| 13  | 1440 | 1720 | 1300 | 1550 | 1360 | 1580 | 1560 | 2,630 | 6,280 | 1,050 | 1,270 | 950   |
| 14  | 1370 | 1700 | 1300 | 1750 | 1430 | 1610 | 1480 | 2,740 | 6,120 | 1,070 | 1,840 | 938   |
| 15  | 1370 | 1720 | 1450 | 1600 | 1500 | 1550 | 1480 | 2,930 | 4,890 | 1,070 | 1,840 | 938   |
| 16  | 1360 | 1420 | 1700 | 1700 | 1480 | 1550 | 1430 | 2,760 | 4,350 | 1,020 | 2,010 | 986   |
| 17  | 1300 | 1170 | 1660 | 1600 | 1460 | 1580 | 1400 | 2,610 | 4,120 | 1,020 | 1,700 | 974   |
| 18  | 1300 | 1160 | 1650 | 1320 | 1480 | 1580 | 1200 | 2,220 | 4,250 | 1,030 | 1,730 | 950   |
| 19  | 1320 | 1210 | 1700 | 1320 | 1540 | 1490 | 1270 | 2,120 | 4,120 | 1,010 | 2,010 | 962   |
| 20  | 1300 | 1180 | 1670 | 1380 | 1750 | 1440 | 1300 | 2,290 | 4,100 | 1,020 | 2,480 | 998   |
| 21  | 1290 | 1170 | 1650 | 1370 | 1670 | 1420 | 1270 | 2,630 | 3,820 | 1,030 | 2,530 | 1,120 |
| 22  | 1340 | 1060 | 1600 | 1380 | 1680 | 1400 | 1230 | 3,140 | 3,400 | 938   | 2,380 | 1,220 |
| 23  | 1360 | 1070 | 1700 | 1380 | 1700 | 1400 | 1230 | 3,140 | 3,290 | 880   | 2,270 | 1,180 |
| 24  | 1360 | 1140 | 1730 | 1380 | 1720 | 1440 | 1300 | 3,290 | 3,030 | 914   | 1,960 | 1,180 |
| 25  | 1520 | 1070 | 1740 | 1370 | 1700 | 1460 | 1320 | 3,360 | 2,440 | 1,050 | 1,730 | 1,210 |
| 26  | 1520 | 1020 | 1720 | 1350 | 1680 | 1580 | 1250 | 3,520 | 2,150 | 1,020 | 1,640 | 1,230 |
| 27  | 1480 | 1330 | 1600 | 1360 | 1680 | 1520 | 1220 | 3,330 | 1,960 | 1,010 | 1,580 | 1,210 |
| 28  | 1750 | 1430 | 1650 | 1350 | 1670 | 1500 | 1230 | 3,080 | 2,270 | 1,170 | 1,500 | 1,230 |
| 29  | 1720 | 1050 | 1670 | 1350 | 1680 | 1660 | 1360 | 3,080 | 2,240 | 1,250 | 1,340 | 1,210 |
| 30  | 1700 | 840  | 1620 | 1380 |      | 1750 | 1620 | 3,490 | 1,930 | 1,430 | 1,290 | 1,210 |
| 31  | 1660 |      | 1550 | 1380 |      | 1700 |      | 3,490 |       | 1,370 | 1,260 |       |

|               |        |        |        |        |        |        |        |         |         |        |        |        |
|---------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|--------|--------|
| MEAN          | 1,358  | 1,427  | 1,522  | 1,512  | 1,517  | 1,584  | 1,440  | 2,760   | 3,956   | 1,094  | 1,576  | 1,085  |
| ACRE-<br>FEET | 83,490 | 84,890 | 93,590 | 92,990 | 87,270 | 97,370 | 85,940 | 169,900 | 235,400 | 67,280 | 96,930 | 64,570 |

Daily discharge, in second-feet, of \_\_\_\_\_, for the year ending September 30, 19\_\_\_\_

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June  | July | Aug.  | Sept. |
|-----|------|------|------|------|------|------|------|-----|-------|------|-------|-------|
| 1   | 386  | 344  | 247  | 210  | 200  | 260  | 365  | 234 | 312   | 798  | 608   | 468   |
| 2   | 390  | 360  | 280  | 210  | 200  | 260  | 373  | 247 | 320   | 679  | 602   | 468   |
| 3   | 394  | 332  | 290  | 210  | 200  | 257  | 348  | 267 | 381   | 635  | 591   | 478   |
| 4   | 394  | 316  | 300  | 210  | 200  | 257  | 304  | 278 | 539   | 662  | 586   | 464   |
| 5   | 394  | 308  | 297  | 210  | 200  | 274  | 289  | 297 | 651   | 738  | 602   | 460   |
| 6   | 534  | 304  | 260  | 210  | 200  | 297  | 293  | 312 | 738   | 798  | 575   | 455   |
| 7   | 446  | 308  | 235  | 210  | 200  | 297  | 274  | 301 | 774   | 852  | 549   | 450   |
| 8   | 390  | 312  | 230  | 210  | 200  | 282  | 257  | 285 | 673   | 918  | 539   | 437   |
| 9   | 369  | 320  | 220  | 210  | 200  | 274  | 247  | 274 | 702   | 978  | 549   | 437   |
| 10  | 356  | 344  | 225  | 215  | 200  | 264  | 247  | 271 | 714   | 984  | 575   | 433   |
| 11  | 352  | 352  | 230  | 215  | 200  | 250  | 254  | 278 | 591   | 954  | 580   | 437   |
| 12  | 377  | 352  | 220  | 210  | 200  | 240  | 250  | 297 | 575   | 918  | 554   | 446   |
| 13  | 377  | 340  | 210  | 210  | 200  | 250  | 234  | 316 | 816   | 918  | 534   | 442   |
| 14  | 356  | 332  | 200  | 210  | 195  | 264  | 231  | 344 | 804   | 906  | 591   | 433   |
| 15  | 348  | 320  | 205  | 210  | 190  | 243  | 231  | 336 | 641   | 894  | 624   | 433   |
| 16  | 344  | 312  | 210  | 208  | 195  | 247  | 234  | 320 | 596   | 870  | 580   | 442   |
| 17  | 336  | 304  | 210  | 210  | 200  | 274  | 228  | 289 | 657   | 870  | 544   | 442   |
| 18  | 332  | 301  | 215  | 210  | 210  | 257  | 224  | 267 | 798   | 828  | 544   | 433   |
| 19  | 332  | 320  | 220  | 210  | 250  | 243  | 221  | 243 | 984   | 774  | 570   | 424   |
| 20  | 324  | 332  | 200  | 210  | 450  | 234  | 215  | 250 | 1,100 | 744  | 708   | 424   |
| 21  | 320  | 324  | 205  | 205  | 450  | 234  | 215  | 267 | 1,220 | 708  | 750   | 460   |
| 22  | 324  | 304  | 205  | 205  | 411  | 234  | 212  | 301 | 1,230 | 679  | 870   | 468   |
| 23  | 332  | 301  | 205  | 205  | 365  | 257  | 209  | 289 | 1,190 | 662  | 1,060 | 446   |
| 24  | 328  | 301  | 205  | 205  | 356  | 301  | 212  | 328 | 1,260 | 652  | 912   | 433   |
| 25  | 328  | 297  | 210  | 205  | 308  | 332  | 218  | 340 | 1,120 | 652  | 640   | 420   |
| 26  | 312  | 308  | 210  | 200  | 278  | 381  | 234  | 352 | 1,020 | 646  | 560   | 411   |
| 27  | 312  | 240  | 210  | 200  | 264  | 312  | 240  | 365 | 984   | 630  | 520   | 407   |
| 28  | 390  | 301  | 210  | 200  | 257  | 344  | 231  | 312 | 1,080 | 630  | 515   | 403   |
| 29  | 442  | 320  | 210  | 200  | 257  | 473  | 221  | 293 | 1,190 | 640  | 501   | 394   |
| 30  | 360  | 304  | 210  | 200  | 200  | 520  | 225  | 293 | 960   | 635  | 491   | 390   |
| 31  | 348  |      | 210  | 200  |      | 394  |      | 308 |       | 618  | 478   |       |

|               |        |        |        |        |        |        |        |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN          | 365    | 317    | 226    | 208    | 250    | 291    | 251    | 295    | 821    | 770    | 610    | 438    |
| ACRE-<br>FEET | 22,470 | 18,870 | 13,870 | 12,760 | 14,350 | 17,860 | 14,950 | 18,160 | 48,830 | 47,350 | 37,490 | 26,060 |



Daily discharge, in second-feet, of

TETON RIVER NEAR ST. ANTHONY, IDAHO

for the base gaging station

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar.  | Apr. | May   | June  | July  | Aug.  | Sept. |
|-----|------|------|------|------|------|-------|------|-------|-------|-------|-------|-------|
| 1   | 617  | 570  | 452  | 445  | 410  | 500   | 723  | 658   | 1,990 | 1,660 | 955   | 828   |
| 2   | 672  | 564  | 430  | 440  | 410  | 494   | 782  | 820   | 2,050 | 1,420 | 940   | 812   |
| 3   | 680  | 558  | 480  | 435  | 405  | 494   | 687  | 925   | 2,570 | 1,320 | 925   | 812   |
| 4   | 708  | 513  | 490  | 430  | 400  | 482   | 610  | 992   | 2,990 | 1,340 | 918   | 812   |
| 5   | 701  | 500  | 475  | 425  | 400  | 488   | 551  | 1,110 | 3,160 | 1,430 | 925   | 798   |
| 6   | 850  | 488  | 458  | 420  | 400  | 519   | 538  | 1,260 | 3,280 | 1,520 | 925   | 775   |
| 7   | 872  | 506  | 446  | 420  | 400  | 551   | 519  | 1,140 | 3,430 | 1,580 | 918   | 768   |
| 8   | 745  | 506  | 440  | 425  | 400  | 538   | 488  | 1,000 | 3,010 | 1,620 | 902   | 738   |
| 9   | 701  | 538  | 445  | 430  | 400  | 519   | 463  | 978   | 2,770 | 1,700 | 902   | 738   |
| 10  | 651  | 564  | 450  | 435  | 400  | 500   | 458  | 1,030 | 3,200 | 1,780 | 948   | 730   |
| 11  | 631  | 570  | 455  | 440  | 400  | 475   | 494  | 1,240 | 3,160 | 1,810 | 978   | 716   |
| 12  | 708  | 577  | 440  | 435  | 400  | 452   | 558  | 1,420 | 2,840 | 1,740 | 985   | 716   |
| 13  | 708  | 577  | 425  | 430  | 400  | 458   | 500  | 1,520 | 3,230 | 1,660 | 955   | 723   |
| 14  | 658  | 558  | 420  | 430  | 390  | 463   | 469  | 1,560 | 3,340 | 1,620 | 985   | 708   |
| 15  | 624  | 538  | 430  | 430  | 385  | 458   | 463  | 1,550 | 2,560 | 1,580 | 1,000 | 694   |
| 16  | 604  | 519  | 440  | 430  | 385  | 446   | 469  | 1,350 | 2,200 | 1,530 | 1,020 | 701   |
| 17  | 597  | 500  | 450  | 430  | 384  | 469   | 463  | 1,130 | 2,220 | 1,490 | 985   | 716   |
| 18  | 597  | 488  | 460  | 430  | 389  | 482   | 452  | 1,040 | 2,510 | 1,460 | 970   | 716   |
| 19  | 584  | 500  | 470  | 430  | 403  | 452   | 452  | 1,040 | 2,860 | 1,350 | 1,010 | 716   |
| 20  | 577  | 538  | 460  | 425  | 475  | 430   | 446  | 1,140 | 3,110 | 1,280 | 1,080 | 716   |
| 21  | 564  | 544  | 460  | 420  | 597  | 419   | 446  | 1,350 | 3,090 | 1,210 | 1,260 | 716   |
| 22  | 558  | 564  | 465  | 420  | 597  | 414   | 419  | 1,570 | 3,050 | 1,160 | 1,360 | 738   |
| 23  | 570  | 488  | 470  | 420  | 577  | 430   | 441  | 1,570 | 3,000 | 1,110 | 1,540 | 760   |
| 24  | 577  | 488  | 470  | 420  | 564  | 463   | 446  | 1,460 | 2,860 | 1,050 | 1,680 | 745   |
| 25  | 564  | 488  | 470  | 420  | 564  | 538   | 458  | 1,420 | 2,520 | 1,040 | 1,320 | 730   |
| 26  | 558  | 446  | 470  | 415  | 538  | 638   | 475  | 1,450 | 2,210 | 1,070 | 1,110 | 708   |
| 27  | 532  | 513  | 470  | 410  | 519  | 590   | 500  | 1,390 | 2,070 | 1,080 | 992   | 687   |
| 28  | 564  | 494  | 465  | 410  | 500  | 558   | 475  | 1,390 | 2,290 | 992   | 925   | 680   |
| 29  | 738  | 525  | 460  | 410  | 500  | 820   | 482  | 1,600 | 2,370 | 1,040 | 918   | 672   |
| 30  | 665  | 488  | 455  | 410  |      | 1,160 | 532  | 2,170 | 2,070 | 1,020 | 880   | 665   |
| 31  | 597  |      | 450  | 410  |      | 948   |      | 2,240 |       | 985   | 842   |       |

| MEAN<br>ACRE-<br>FEET | 644    | 524    | 456    | 425    | 448    | 537    | 509    | 1,307  | 2,734   | 1,376  | 1,034  | 734    |
|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| ACRE-<br>FEET         | 39,610 | 31,160 | 28,010 | 26,140 | 25,770 | 33,020 | 30,270 | 80,360 | 162,700 | 84,590 | 63,580 | 43,700 |

U.S. GOVERNMENT PRINTING OFFICE 16-60006-1  
TETON RIVER NEAR ST. ANTHONY, IDAHO

YEAR  
OF  
PERIOD  
MEAN  
ACRE-FOOT  
894  
648,900

Plate No. 45

Daily discharges in second feet, of

| Day | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 1,000 | 2,260 | 1,130 | 2,300 | 1,850 | 2,160 | 2,180 | 1,240 | 4,270 | 2,780 | 1,350 | 1,820 |
| 2   | 1,190 | 2,330 | 1,180 | 2,100 | 1,850 | 2,150 | 2,120 | 1,580 | 3,790 | 2,080 | 1,330 | 1,700 |
| 3   | 1,310 | 2,300 | 1,390 | 2,130 | 1,850 | 2,130 | 2,190 | 1,760 | 3,580 | 1,690 | 1,220 | 1,650 |
| 4   | 1,390 | 2,270 | 1,530 | 2,200 | 1,840 | 2,080 | 2,070 | 1,760 | 3,810 | 1,510 | 1,260 | 1,660 |
| 5   | 1,470 | 2,290 | 1,690 | 2,250 | 1,830 | 2,060 | 1,890 | 1,960 | 4,360 | 1,520 | 1,330 | 1,610 |
| 6   | 1,780 | 2,270 | 1,920 | 2,000 | 1,850 | 2,050 | 1,900 | 2,400 | 5,020 | 1,460 | 1,260 | 1,560 |
| 7   | 2,090 | 2,280 | 1,900 | 2,140 | 1,830 | 2,100 | 1,890 | 2,380 | 5,760 | 1,420 | 1,260 | 1,500 |
| 8   | 1,990 | 2,280 | 1,830 | 2,200 | 1,820 | 2,120 | 1,800 | 1,740 | 6,820 | 1,340 | 1,140 | 1,460 |
| 9   | 1,920 | 2,340 | 1,740 | 2,260 | 1,820 | 2,050 | 1,740 | 1,320 | 7,030 | 1,250 | 1,090 | 1,360 |
| 10  | 1,890 | 2,380 | 1,480 | 2,230 | 1,800 | 2,020 | 1,610 | 1,320 | 7,100 | 1,410 | 1,230 | 1,270 |
| 11  | 1,920 | 2,410 | 1,700 | 2,180 | 1,830 | 1,970 | 1,560 | 1,480 | 8,080 | 1,650 | 1,480 | 1,210 |
| 12  | 1,970 | 2,390 | 1,960 | 2,130 | 1,800 | 1,920 | 1,640 | 1,650 | 8,150 | 1,510 | 1,680 | 1,190 |
| 13  | 2,150 | 2,350 | 1,750 | 2,080 | 1,750 | 1,900 | 1,700 | 1,740 | 7,630 | 1,410 | 1,760 | 1,190 |
| 14  | 2,130 | 2,250 | 1,750 | 2,350 | 1,830 | 1,900 | 1,650 | 2,060 | 8,340 | 1,480 | 2,160 | 1,140 |
| 15  | 2,050 | 2,200 | 1,850 | 2,200 | 1,850 | 1,870 | 1,600 | 2,440 | 8,460 | 1,460 | 2,750 | 1,140 |
| 16  | 2,010 | 2,100 | 2,150 | 2,250 | 1,800 | 1,850 | 1,580 | 2,860 | 7,030 | 1,350 | 2,910 | 1,140 |
| 17  | 2,000 | 1,740 | 2,130 | 2,150 | 1,840 | 1,850 | 1,520 | 2,650 | 5,980 | 1,280 | 2,820 | 1,200 |
| 18  | 1,960 | 1,630 | 2,130 | 1,900 | 1,900 | 1,890 | 1,450 | 2,350 | 5,310 | 1,200 | 2,670 | 1,240 |
| 19  | 1,940 | 1,600 | 2,200 | 1,850 | 2,100 | 1,850 | 1,300 | 1,980 | 5,110 | 1,110 | 2,840 | 1,220 |
| 20  | 1,930 | 1,610 | 2,100 | 1,900 | 2,230 | 1,760 | 1,330 | 1,960 | 4,860 | 1,050 | 3,220 | 1,270 |
| 21  | 1,950 | 1,580 | 2,050 | 1,870 | 2,320 | 1,730 | 1,280 | 2,240 | 4,810 | 1,080 | 3,860 | 1,390 |
| 22  | 1,940 | 1,520 | 2,100 | 1,880 | 2,330 | 1,690 | 1,260 | 2,950 | 4,600 | 1,030 | 3,960 | 1,670 |
| 23  | 1,950 | 1,480 | 2,150 | 1,880 | 2,350 | 1,670 | 1,170 | 3,560 | 4,220 | 902   | 3,970 | 1,740 |
| 24  | 1,980 | 1,480 | 2,250 | 1,870 | 2,330 | 1,680 | 1,150 | 3,680 | 4,160 | 868   | 3,860 | 1,750 |
| 25  | 1,960 | 1,500 | 2,250 | 1,850 | 2,300 | 1,740 | 1,180 | 3,910 | 3,990 | 868   | 3,600 | 1,770 |
| 26  | 2,080 | 1,370 | 2,250 | 1,830 | 2,260 | 1,820 | 1,150 | 4,040 | 3,360 | 932   | 3,100 | 1,800 |
| 27  | 2,120 | 1,410 | 2,200 | 1,840 | 2,230 | 1,900 | 1,110 | 4,220 | 2,920 | 932   | 2,740 | 1,760 |
| 28  | 2,150 | 1,700 | 2,250 | 1,830 | 2,200 | 1,830 | 1,020 | 4,010 | 2,680 | 1,060 | 2,510 | 1,740 |
| 29  | 2,380 | 1,810 | 2,230 | 1,830 | 2,160 | 1,900 | 968   | 3,710 | 3,090 | 1,200 | 2,210 | 1,740 |
| 30  | 2,520 | 1,380 | 2,200 | 1,850 |       | 2,240 | 1,040 | 3,770 | 3,230 | 1,270 | 2,040 | 1,710 |
| 31  | 2,430 |       | 2,100 | 1,850 |       | 2,420 |       | 4,230 |       | 1,390 | 1,920 |       |

| MEAN          | 1,921   | 1,950   | 1,921   | 2,038   | 1,991   | 1,945   | 1,535  | 2,547   | 5,252   | 1,338  | 2,275   | 1,487  |
|---------------|---------|---------|---------|---------|---------|---------|--------|---------|---------|--------|---------|--------|
| ACRE-<br>FEET | 118,100 | 116,100 | 118,100 | 125,300 | 114,500 | 119,600 | 91,330 | 156,600 | 312,500 | 82,300 | 139,900 | 88,460 |

Plate No. 46

U. S. GOVERNMENT PRINTING OFFICE 16-60006-1

HENRYS FORK NEAR REXBURG, IDAHO

YEAR  
OR  
PERIOD  
MEAN  
ACRE-  
FEET  
2,180  
1,583,000

July the first ending September 30th

Daily discharges, in seconds-foot, of

| Day | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May    | June   | July  | Aug.  | Sept. |
|-----|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|
| 1   | 3,750 | 3,430 | 3,870 | 4,000 | 4,000 | 3,240 | 4,040 | 9,110  | 10,500 | 8,820 | 5,060 | 4,010 |
| 2   | 4,520 | 3,500 | 3,680 | 3,600 | 3,990 | 3,240 | 4,630 | 9,480  | 9,580  | 7,790 | 5,000 | 3,790 |
| 3   | 5,190 | 3,410 | 3,960 | 3,600 | 2,850 | 3,240 | 5,090 | 9,480  | 8,220  | 5,920 | 5,250 | 3,360 |
| 4   | 4,760 | 3,450 | 4,010 | 3,800 | 2,850 | 3,190 | 5,250 | 9,010  | 6,700  | 4,710 | 5,670 | 2,870 |
| 5   | 4,080 | 3,430 | 3,870 | 4,000 | 2,800 | 3,300 | 5,120 | 9,110  | 7,000  | 4,630 | 5,700 | 2,650 |
| 6   | 3,960 | 3,360 | 4,140 | 4,200 | 2,750 | 2,650 | 5,120 | 9,990  | 9,410  | 4,660 | 4,970 | 2,470 |
| 7   | 4,060 | 3,360 | 4,210 | 4,000 | 2,800 | 2,630 | 5,150 | 9,950  | 12,400 | 4,550 | 4,390 | 2,420 |
| 8   | 4,040 | 3,450 | 4,260 | 3,800 | 2,750 | 3,150 | 5,060 | 9,410  | 14,500 | 4,340 | 4,420 | 2,310 |
| 9   | 3,890 | 3,430 | 4,250 | 3,600 | 2,700 | 3,190 | 4,970 | 8,120  | 16,600 | 4,260 | 4,310 | 2,030 |
| 10  | 3,840 | 3,540 | 4,250 | 4,150 | 2,700 | 3,110 | 4,740 | 7,060  | 17,800 | 4,710 | 5,000 | 1,500 |
| 11  | 3,630 | 3,560 | 4,100 | 4,050 | 2,650 | 2,990 | 4,420 | 6,700  | 18,000 | 4,940 | 5,990 | 1,800 |
| 12  | 3,590 | 3,590 | 4,120 | 4,000 | 2,700 | 2,910 | 4,420 | 7,030  | 18,900 | 5,030 | 5,440 | 2,050 |
| 13  | 3,630 | 3,430 | 4,000 | 3,900 | 2,650 | 3,130 | 4,790 | 7,720  | 20,400 | 4,940 | 6,400 | 2,490 |
| 14  | 3,610 | 3,300 | 3,200 | 3,800 | 2,650 | 3,340 | 4,680 | 8,610  | 20,400 | 5,150 | 6,700 | 3,070 |
| 15  | 3,360 | 3,520 | 3,300 | 3,750 | 2,650 | 3,190 | 4,550 | 10,100 | 20,800 | 5,220 | 7,130 | 3,220 |
| 16  | 3,190 | 3,500 | 3,600 | 3,900 | 2,600 | 2,890 | 4,600 | 11,100 | 21,300 | 4,790 | 7,360 | 3,150 |
| 17  | 3,130 | 3,240 | 3,900 | 4,100 | 2,590 | 2,910 | 5,510 | 11,400 | 20,200 | 4,660 | 7,490 | 3,070 |
| 18  | 3,050 | 2,910 | 4,200 | 4,130 | 2,590 | 2,950 | 5,190 | 11,200 | 17,200 | 4,660 | 7,620 | 2,870 |
| 19  | 2,970 | 2,830 | 4,150 | 4,250 | 2,590 | 2,930 | 5,220 | 10,900 | 14,300 | 4,550 | 7,720 | 2,780 |
| 20  | 2,950 | 2,820 | 4,400 | 4,100 | 2,780 | 2,820 | 5,120 | 10,700 | 13,100 | 4,600 | 8,320 | 2,590 |
| 21  | 2,890 | 2,830 | 4,450 | 4,000 | 3,070 | 2,800 | 5,090 | 10,900 | 12,300 | 5,090 | 7,890 | 3,110 |
| 22  | 2,830 | 3,110 | 4,250 | 3,750 | 3,280 | 2,970 | 4,970 | 11,600 | 12,100 | 4,880 | 7,690 | 4,160 |
| 23  | 2,910 | 3,660 | 4,280 | 3,500 | 3,390 | 2,990 | 4,850 | 12,400 | 12,000 | 4,440 | 7,660 | 4,550 |
| 24  | 2,870 | 3,540 | 4,350 | 3,800 | 3,470 | 2,990 | 5,470 | 13,000 | 11,700 | 4,290 | 7,660 | 4,680 |
| 25  | 2,890 | 3,630 | 4,200 | 3,950 | 3,660 | 2,970 | 5,860 | 13,100 | 10,900 | 4,260 | 7,430 | 4,160 |
| 26  | 2,910 | 3,610 | 4,250 | 4,000 | 3,590 | 3,220 | 5,920 | 13,400 | 9,990  | 4,420 | 7,030 | 3,470 |
| 27  | 2,930 | 3,410 | 4,300 | 4,100 | 3,410 | 3,280 | 5,790 | 13,500 | 9,710  | 4,470 | 6,370 | 2,930 |
| 28  | 3,050 | 3,720 | 4,500 | 3,940 | 3,300 | 3,540 | 7,060 | 13,500 | 9,310  | 4,850 | 5,540 | 2,520 |
| 29  | 3,090 | 4,110 | 4,450 | 3,820 | 3,240 | 3,360 | 7,390 | 13,200 | 8,710  | 5,190 | 5,090 | 2,270 |
| 30  | 3,220 | 4,060 | 4,400 | 3,500 |       | 3,410 | 8,150 | 12,100 | 8,910  | 5,190 | 4,740 | 2,260 |
| 31  | 3,340 |       | 4,200 | 4,050 |       | 3,910 |       | 11,000 |        | 5,060 | 4,390 |       |

|               |         |         |         |         |         |         |         |         |         |         |         |         |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| MEAN          | 3,488   | 3,425   | 4,100   | 3,908   | 3,002   | 3,111   | 5,274   | 10,450  | 13,430  | 5,002   | 6,207   | 2,953   |
| ACRE-<br>FEET | 214,500 | 203,800 | 252,100 | 240,300 | 172,700 | 191,300 | 313,800 | 642,400 | 799,200 | 307,600 | 381,700 | 175,800 |

Plate No. 47

YEAR  
or  
PERIOD

MEAN 5,365

ACRE-FOOT 3,895,000

U. S. GOVERNMENT PRINTING OFFICE 6-7140

SNAKE RIVER NEAR SHELLEY, IDAHO



Daily discharge, in second-feet, of \_\_\_\_\_, for the year ending September 30, 19\_\_\_\_

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|-----|------|------|------|-------|
| 1   | 19   | 205  | 2    |      | 0    |      | 0    | 3   | 0    | 4    | 0    | 39    |
| 2   | 86   | 205  | 0    |      | 0    |      | 0    | 18  | 0    | 6    | 0    | 12    |
| 3   | 86   | 205  | 0    |      | 0    |      | 0    | 17  | 0    | 2    | 0    | 18    |
| 4   | 27   | 190  | 0    |      | 0    |      | 0    | 5   | 0    | 0    | 0    | 17    |
| 5   | 2    | 175  | 0    |      | 0    |      | 0    | 0   | 0    | 0    | 3    | 28    |
| 6   | 41   | 178  | 0    |      | 0    |      | 0    | 0   | 2    | 1    | 2    | 28    |
| 7   | 22   | 173  | 0    |      | 0    |      | 0    | 8   | 84   | 0    | 0    | 6     |
| 8   | 8    | 190  | 0    |      | 0    |      | 0    | 8   | 193  | 0    | 0    | 0     |
| 9   | 8    | 181  | 0    |      | 0    |      | 0    | 0   | 167  | 0    | 0    | 0     |
| 10  | 8    | 181  | 0    |      | 0    |      | 0    | 0   | 120  | 0    | 10   | 0     |
| 11  | 8    | 173  | 0    |      | 0    |      | 0    | 0   | 130  | 0    | 12   | 0     |
| 12  | 6    | 170  | 0    |      | 0    |      | 0    | 13  | 130  | 0    | 9    | 0     |
| 13  | 2    | 173  | 1    |      | 0    |      | 6    | 110 | 130  | 0    | 3    | 0     |
| 14  | 0    | 193  | 1    |      | 0    |      | 9    | 137 | 132  | 0    | 34   | 0     |
| 15  | 0    | 196  | 1    |      | 0    |      | 0    | 150 | 132  | 0    | 88   | 0     |
| 16  | 0    | 164  | 0    |      | 0    |      | 0    | 150 | 127  | 0    | 92   | 0     |
| 17  | 0    | 103  | 0    |      | 0    |      | 0    | 67  | 58   | 0    | 117  | 0     |
| 18  | 0    | 58   | 0    |      | 0    |      | 0    | 28  | 6    | 0    | 193  | 0     |
| 19  | 0    | 52   | 0    |      | 0    |      | 6    | 25  | 0    | 0    | 243  | 0     |
| 20  | 8    | 47   | 0    |      | 12   |      | 76   | 28  | 0    | 0    | 338  | 0     |
| 21  | 57   | 58   | 0    |      | 15   |      | 86   | 21  | 0    | 0    | 381  | 31    |
| 22  | 145  | 55   | 0    |      | 12   |      | 84   | 34  | 0    | 0    | 293  | 132   |
| 23  | 130  | 76   | 0    |      | 8    |      | 60   | 74  | 0    | 0    | 211  | 214   |
| 24  | 99   | 78   | 0    |      | 0    |      | 52   | 117 | 4    | 0    | 199  | 181   |
| 25  | 143  | 76   | 0    |      | 0    |      | 53   | 161 | 31   | 0    | 196  | 84    |
| 26  | 159  | 72   | 0    |      | 0    |      | 32   | 156 | 22   | 0    | 181  | 15    |
| 27  | 154  | 52   | 0    |      | 0    |      | 31   | 145 | 13   | 0    | 173  | 7     |
| 28  | 227  | 36   | 0    |      | 0    |      | 37   | 108 | 4    | 0    | 159  | 7     |
| 29  | 214  | 32   | 0    |      | 0    |      | 15   | 33  | 0    | 0    | 137  | 3     |
| 30  | 202  | 19   | 0    |      | 0    |      | 0    | 2   | 4    | 0    | 122  | 0     |
| 31  | 202  |      | 0    |      |      |      |      | 1   |      | 0    | 86   |       |

|               |       |       |     |   |     |   |       |       |       |     |       |       |
|---------------|-------|-------|-----|---|-----|---|-------|-------|-------|-----|-------|-------|
| MEAN          | 66.5  | 126   | 0.2 | 0 | 1.6 | 0 | 18.2  | 52.2  | 49.6  | 0.4 | 106   | 27.4  |
| ACRE-<br>FEET | 4,090 | 7,470 | 10  | 0 | 93  | 0 | 1,080 | 3,210 | 2,950 | 26  | 6,510 | 1,630 |

U. S. GOVERNMENT PRINTING OFFICE 6-7149  
 BLACKFOOT RIVER BYPASS NEAR BLACKFOOT, IDAHO  
 YEAR OR PERIOD 37.3  
 MEAN ACRE-FOOT 27,080  
 Plate No. 48

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|-----|------|------|------|-------|
| 1   | 180  | 294  | 176  | 40   | 45   | 78   | 93   | 136 | 76   | 173  | 28   | 242   |
| 2   | 258  | 298  | 136  | 40   | 45   | 69   | 106  | 166 | 48   | 174  | 46   | 228   |
| 3   | 266  | 296  | 117  | 40   | 45   | 65   | 125  | 155 | 13   | 170  | 81   | 228   |
| 4   | 237  | 294  | 114  | 40   | 45   | 61   | 130  | 85  | 1    | 111  | 140  | 228   |
| 5   | 174  | 286  | 90   | 40   | 50   | 62   | 128  | 5   | 18   | 104  | 164  | 228   |
| 6   | 238  | 283  | 92   | 40   | 50   | 67   | 134  | 11  | 75   | 110  | 142  | 223   |
| 7   | 230  | 283  | 117  | 40   | 50   | 75   | 138  | 70  | 191  | 114  | 123  | 196   |
| 8   | 213  | 283  | 96   | 45   | 47   | 117  | 132  | 104 | 244  | 79   | 99   | 143   |
| 9   | 220  | 279  | 102  | 50   | 45   | 72   | 120  | 32  | 256  | 20   | 60   | 86    |
| 10  | 220  | 277  | 88   | 55   | 45   | 62   | 107  | 23  | 235  | 15   | 124  | 42    |
| 11  | 215  | 277  | 95   | 55   | 45   | 56   | 97   | 69  | 242  | 16   | 193  | 25    |
| 12  | 210  | 277  | 92   | 50   | 45   | 51   | 114  | 154 | 244  | 14   | 193  | 29    |
| 13  | 186  | 277  | 85   | 45   | 45   | 54   | 167  | 209 | 254  | 12   | 160  | 38    |
| 14  | 149  | 288  | 77   | 45   | 45   | 57   | 180  | 223 | 249  | 13   | 209  | 37    |
| 15  | 111  | 286  | 72   | 45   | 45   | 54   | 161  | 238 | 249  | 11   | 247  | 43    |
| 16  | 99   | 275  | 66   | 45   | 45   | 50   | 132  | 240 | 247  | 24   | 251  | 64    |
| 17  | 97   | 254  | 62   | 45   | 45   | 54   | 143  | 210 | 215  | 37   | 262  | 72    |
| 18  | 92   | 228  | 60   | 45   | 45   | 68   | 143  | 194 | 121  | 28   | 294  | 61    |
| 19  | 68   | 221  | 56   | 45   | 55   | 56   | 116  | 199 | 65   | 33   | 311  | 50    |
| 20  | 104  | 217  | 54   | 45   | 65   | 49   | 218  | 204 | 49   | 51   | 330  | 89    |
| 21  | 218  | 223  | 52   | 40   | 70   | 51   | 225  | 204 | 55   | 56   | 358  | 172   |
| 22  | 268  | 221  | 50   | 40   | 80   | 50   | 225  | 212 | 82   | 67   | 346  | 266   |
| 23  | 264  | 230  | 50   | 40   | 90   | 54   | 215  | 238 | 76   | 45   | 315  | 300   |
| 24  | 235  | 235  | 50   | 40   | 100  | 53   | 213  | 269 | 120  | 26   | 309  | 294   |
| 25  | 271  | 233  | 50   | 40   | 110  | 55   | 217  | 290 | 173  | 17   | 307  | 249   |
| 26  | 271  | 233  | 50   | 40   | 120  | 60   | 204  | 288 | 167  | 11   | 304  | 207   |
| 27  | 237  | 225  | 50   | 40   | 110  | 62   | 202  | 281 | 164  | 20   | 294  | 194   |
| 28  | 302  | 215  | 49   | 40   | 95   | 54   | 205  | 266 | 132  | 18   | 290  | 197   |
| 29  | 296  | 209  | 46   | 40   | 83   | 60   | 160  | 225 | 137  | 20   | 283  | 179   |
| 30  | 286  | 204  | 44   | 40   |      | 71   | 102  | 154 | 179  | 21   | 283  | 146   |
| 31  | 292  |      | 40   | 45   |      | 82   |      | 117 |      | 20   | 273  |       |

|               |        |        |       |       |       |       |       |        |       |       |        |       |
|---------------|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|--------|-------|
| MEAN          | 210    | 257    | 76.7  | 43.2  | 62.2  | 62.2  | 155   | 170    | 146   | 52.6  | 220    | 152   |
| ACRE-<br>FEET | 12,910 | 15,270 | 4,720 | 2,660 | 3,580 | 3,830 | 9,230 | 10,450 | 8,682 | 3,233 | 13,530 | 9,040 |

U. S. GOVERNMENT PRINTING OFFICE 16-00000-1

BLACKFOOT RIVER NEAR BLACKFOOT, IDAHO

YEAR  
OR  
PERIOD

MEAN

ACRE-  
FEET

134

97,120

Plate No. 49

Daily discharge, in second-feet, of \_\_\_\_\_, for the year ending September 30, 1908

SHARKE RIVER NEAR BLACKFOOT, IDAHO

| Day | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May    | June   | July  | Aug.  | Sept. |
|-----|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|
| 1   | 1,230 | 3,790 | 4,110 | 3,520 | 3,820 | 3,140 | 3,720 | 6,350  | 7,880  | 6,330 | 1,250 | 3,610 |
| 2   | 2,240 | 3,920 | 3,790 | 3,420 | 3,990 | 3,100 | 3,900 | 6,720  | 6,860  | 5,500 | 1,230 | 3,160 |
| 3   | 3,400 | 3,900 | 3,660 | 3,450 | 3,030 | 3,110 | 4,670 | 6,790  | 5,350  | 3,810 | 1,470 | 2,780 |
| 4   | 3,970 | 3,920 | 3,860 | 3,660 | 2,780 | 3,100 | 4,940 | 6,100  | 3,520  | 2,020 | 2,000 | 2,240 |
| 5   | 3,230 | 3,880 | 3,920 | 3,860 | 2,770 | 3,100 | 4,960 | 5,240  | 2,790  | 1,500 | 2,740 | 1,860 |
| 6   | 3,050 | 3,860 | 4,170 | 4,030 | 2,670 | 2,980 | 4,940 | 6,080  | 4,390  | 1,400 | 2,770 | 1,620 |
| 7   | 3,190 | 3,770 | 4,250 | 3,770 | 2,700 | 2,790 | 4,940 | 6,280  | 8,240  | 1,150 | 1,680 | 1,380 |
| 8   | 3,420 | 3,920 | 4,270 | 3,500 | 2,650 | 3,000 | 4,960 | 5,940  | 11,200 | 979   | 1,270 | 1,180 |
| 9   | 3,260 | 3,940 | 4,190 | 3,450 | 2,630 | 3,100 | 4,880 | 4,590  | 13,600 | 597   | 1,220 | 898   |
| 10  | 3,210 | 3,970 | 4,230 | 4,010 | 2,570 | 3,110 | 4,760 | 3,360  | 15,300 | 524   | 1,570 | 524   |
| 11  | 3,080 | 4,050 | 3,990 | 3,920 | 2,530 | 3,020 | 4,390 | 2,750  | 16,100 | 695   | 3,160 | 250   |
| 12  | 2,850 | 4,070 | 4,070 | 3,900 | 2,640 | 2,920 | 4,250 | 2,850  | 16,600 | 794   | 3,970 | 246   |
| 13  | 2,960 | 3,990 | 3,630 | 3,750 | 2,560 | 2,880 | 4,550 | 3,750  | 18,300 | 997   | 4,290 | 440   |
| 14  | 2,960 | 3,810 | 2,280 | 3,680 | 2,530 | 3,180 | 4,650 | 5,010  | 19,200 | 1,100 | 4,570 | 716   |
| 15  | 2,840 | 3,840 | 3,160 | 3,660 | 2,570 | 3,240 | 4,550 | 6,700  | 19,200 | 1,320 | 5,680 | 1,190 |
| 16  | 2,640 | 4,150 | 3,450 | 3,680 | 2,540 | 3,000 | 4,470 | 8,600  | 19,800 | 1,030 | 6,190 | 1,330 |
| 17  | 2,350 | 3,770 | 3,820 | 4,050 | 2,610 | 2,780 | 4,820 | 9,240  | 19,400 | 754   | 6,560 | 1,300 |
| 18  | 2,350 | 3,480 | 4,070 | 4,070 | 2,600 | 2,920 | 5,430 | 9,050  | 15,900 | 702   | 6,980 | 1,190 |
| 19  | 2,160 | 3,180 | 4,050 | 4,190 | 2,710 | 2,880 | 4,860 | 8,680  | 11,800 | 653   | 7,050 | 914   |
| 20  | 2,430 | 3,130 | 4,290 | 4,050 | 3,050 | 2,840 | 4,860 | 8,240  | 9,760  | 709   | 7,780 | 818   |
| 21  | 2,860 | 3,190 | 4,310 | 3,820 | 3,160 | 2,720 | 4,880 | 8,500  | 8,810  | 1,050 | 7,980 | 1,130 |
| 22  | 2,940 | 3,160 | 4,030 | 3,570 | 3,310 | 2,810 | 4,710 | 9,430  | 8,370  | 1,680 | 7,750 | 2,880 |
| 23  | 2,910 | 3,820 | 4,070 | 3,300 | 3,480 | 2,840 | 4,190 | 10,400 | 8,290  | 1,050 | 7,520 | 3,960 |
| 24  | 2,980 | 4,030 | 4,210 | 3,700 | 3,470 | 2,850 | 4,290 | 11,100 | 8,420  | 618   | 7,580 | 4,190 |
| 25  | 3,030 | 3,880 | 4,070 | 3,820 | 3,520 | 2,880 | 4,690 | 11,600 | 8,160  | 476   | 7,380 | 3,920 |
| 26  | 3,030 | 4,010 | 4,130 | 3,860 | 3,610 | 2,910 | 4,760 | 12,000 | 7,100  | 399   | 7,080 | 3,130 |
| 27  | 3,060 | 3,840 | 4,070 | 4,090 | 3,430 | 3,060 | 4,690 | 12,200 | 6,700  | 500   | 6,580 | 2,460 |
| 28  | 3,330 | 3,700 | 4,610 | 3,990 | 3,260 | 3,160 | 5,110 | 12,200 | 6,420  | 590   | 5,870 | 2,640 |
| 29  | 3,380 | 4,290 | 4,490 | 3,610 | 3,190 | 3,180 | 5,700 | 11,600 | 5,810  | 1,100 | 5,130 | 1,510 |
| 30  | 3,470 | 4,310 | 4,370 | 3,260 |       | 3,210 | 5,570 | 10,300 | 5,920  | 1,360 | 4,650 | 1,370 |
| 31  | 3,590 |       | 4,130 | 3,860 |       | 3,400 |       | 8,710  |        | 1,350 | 4,150 |       |

|               |         |         |         |         |         |         |         |         |         |        |         |         |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|
| MEAN          | 2,948   | 3,819   | 3,992   | 3,758   | 2,979   | 3,007   | 4,736   | 7,754   | 10,640  | 1,379  | 4,681   | 1,828   |
| ACRE-<br>FEET | 181,300 | 227,200 | 245,500 | 231,100 | 171,300 | 184,900 | 281,800 | 476,700 | 633,100 | 84,770 | 287,800 | 108,800 |



| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|-----|------|------|------|-------|
| 1   | 47   | 186  | 205  | 205  | 231  | 506  | 418  | 384 | 217  | 100  | 21   | 179   |
| 2   | 60   | 194  | 202  | 213  | 233  | 490  | 437  | 432 | 180  | 97   | 25   | 161   |
| 3   | 116  | 187  | 203  | 211  | 240  | 467  | 424  | 416 | 168  | 83   | 26   | 163   |
| 4   | 111  | 200  | 199  | 201  | 240  | 451  | 410  | 391 | 158  | 70   | 28   | 168   |
| 5   | 128  | 204  | 203  | 216  | 239  | 449  | 413  | 389 | 187  | 53   | 28   | 190   |
| 6   | 149  | 202  | 202  | 218  | 235  | 468  | 431  | 397 | 184  | 56   | 29   | 186   |
| 7   | 191  | 208  | 199  | 215  | 232  | 485  | 418  | 373 | 198  | 56   | 29   | 178   |
| 8   | 170  | 210  | 205  | 230  | 230  | 493  | 401  | 325 | 225  | 54   | 29   | 166   |
| 9   | 160  | 215  | 188  | 220  | 231  | 470  | 387  | 268 | 274  | 54   | 30   | 142   |
| 10  | 152  | 220  | 190  | 220  | 230  | 439  | 383  | 252 | 316  | 56   | 40   | 144   |
| 11  | 157  | 220  | 190  | 217  | 229  | 416  | 392  | 238 | 361  | 58   | 54   | 114   |
| 12  | 162  | 220  | 190  | 210  | 233  | 401  | 413  | 237 | 383  | 56   | 94   | 89    |
| 13  | 164  | 220  | 195  | 200  | 238  | 394  | 407  | 241 | 355  | 55   | 103  | 91    |
| 14  | 172  | 220  | 200  | 210  | 232  | 403  | 396  | 263 | 343  | 54   | 119  | 86    |
| 15  | 197  | 220  | 210  | 215  | 231  | 393  | 394  | 285 | 303  | 52   | 131  | 82    |
| 16  | 199  | 220  | 215  | 220  | 234  | 385  | 392  | 290 | 268  | 51   | 142  | 90    |
| 17  | 178  | 220  | 210  | 220  | 237  | 396  | 385  | 261 | 232  | 49   | 145  | 89    |
| 18  | 162  | 210  | 210  | 220  | 247  | 395  | 374  | 218 | 189  | 56   | 192  | 83    |
| 19  | 173  | 220  | 200  | 220  | 270  | 380  | 367  | 178 | 160  | 53   | 230  | 84    |
| 20  | 176  | 236  | 210  | 210  | 355  | 368  | 359  | 183 | 149  | 55   | 273  | 81    |
| 21  | 172  | 240  | 210  | 210  | 449  | 359  | 354  | 207 | 150  | 47   | 251  | 88    |
| 22  | 176  | 235  | 215  | 210  | 511  | 359  | 344  | 227 | 133  | 47   | 280  | 102   |
| 23  | 184  | 229  | 211  | 210  | 524  | 361  | 339  | 211 | 127  | 39   | 317  | 101   |
| 24  | 197  | 248  | 208  | 210  | 539  | 369  | 334  | 226 | 136  | 51   | 297  | 97    |
| 25  | 194  | 242  | 217  | 215  | 566  | 377  | 317  | 231 | 130  | 47   | 256  | 97    |
| 26  | 194  | 240  | 221  | 220  | 567  | 384  | 330  | 246 | 113  | 42   | 229  | 92    |
| 27  | 194  | 220  | 218  | 230  | 531  | 378  | 334  | 242 | 116  | 47   | 217  | 91    |
| 28  | 199  | 205  | 213  | 220  | 503  | 372  | 330  | 233 | 107  | 49   | 192  | 91    |
| 29  | 205  | 205  | 212  | 230  | 506  | 389  | 330  | 203 | 105  | 38   | 182  | 87    |
| 30  | 210  | 205  | 209  | 230  |      | 415  | 350  | 203 | 104  | 30   | 182  | 91    |
| 31  | 197  |      | 201  | 230  |      | 413  |      | 212 |      | 15   | 181  |       |

|           |        |        |        |        |        |        |        |        |        |       |       |       |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| MEAN      | 166    | 217    | 205    | 216    | 329    | 414    | 379    | 273    | 202    | 53.9  | 140   | 117   |
| ACRE-FOOT | 10,210 | 12,890 | 12,620 | 13,300 | 18,930 | 25,440 | 22,540 | 16,780 | 12,040 | 3,310 | 8,630 | 6,950 |

Plate No. 51

YEAR OR PERIOD 225  
MEAN 225  
ACRE-FOOT 163,600

U. S. GOVERNMENT PRINTING OFFICE 16-40008-1  
PORTNEUF RIVER AT POCATELLO, IDAHO

Daily discharge, in second-feet, of \_\_\_\_\_, for the year ending September 30, 19\_\_\_\_

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|-----|------|------|------|-------|
| 1   | 28   |      |      |      |      |      | 0    | 23  | 60   | 165  | 147  | 58    |
| 2   | 42   |      |      |      |      |      | 0    | 19  | 62   | 166  | 143  | 66    |
| 3   | 53   |      |      |      |      |      | 0    | 47  | 66   | 148  | 134  | 71    |
| 4   | 52   |      |      |      |      |      | 0    | 45  | 75   | 109  | 137  | 75    |
| 5   | 39   |      |      |      |      |      | 0    | 43  | 75   | 185  | 135  | 88    |
| 6   | 18   |      |      |      |      |      | 0    | 43  | 76   | 172  | 137  | 88    |
| 7   | 11   |      |      |      |      |      | 0    | 43  | 83   | 172  | 134  | 88    |
| 8   | 13   |      |      |      |      |      | 0    | 45  | 70   | 178  | 134  | 88    |
| 9   | 11   |      |      |      |      |      | 0    | 52  | 72   | 178  | 122  | 86    |
| 10  | 11   |      |      |      |      |      | 0    | 53  | 73   | 165  | 131  | 67    |
| 11  | 9    |      |      |      |      |      | 0    | 56  | 58   | 178  | 88   | 68    |
| 12  | 11   |      |      |      |      |      | 0    | 56  | 62   | 176  | 107  | 75    |
| 13  | 11   |      |      |      |      |      | 0    | 56  | 84   | 173  | 100  | 74    |
| 14  | 9    |      |      |      |      |      | 0    | 54  | 84   | 146  | 80   | 68    |
| 15  | 0    |      |      |      |      |      | 0    | 56  | 84   | 146  | 27   | 68    |
| 16  | 0    |      |      |      |      |      | 0    | 56  | 91   | 150  | 0    | 67    |
| 17  | 0    |      |      |      |      |      | 0    | 56  | 97   | 162  | 0    | 69    |
| 18  | 0    |      |      |      |      |      | 0    | 54  | 113  | 161  | 0    | 88    |
| 19  | 0    |      |      |      |      |      | 36   | 54  | 143  | 158  | 0    | 88    |
| 20  | 0    |      |      |      |      |      | 0    | 54  | 142  | 146  | 0    | 75    |
| 21  | 0    |      |      |      |      |      | 0    | 32  | 148  | 148  | 0    | 66    |
| 22  | 0    |      |      |      |      |      | 16   | 0   | 153  | 164  | 0    | 66    |
| 23  | 0    |      |      |      |      |      | 0    | 13  | 155  | 162  | 0    | 62    |
| 24  | 0    |      |      |      |      |      | 14   | 0   | 165  | 155  | 0    | 48    |
| 25  | 0    |      |      |      |      |      | 12   | 0   | 161  | 163  | 0    | 48    |
| 26  | 0    |      |      |      |      |      | 34   | 11  | 130  | 159  | 0    | 48    |
| 27  | 0    |      |      |      |      |      | 12   | 50  | 161  | 131  | 0    | 48    |
| 28  | 0    |      |      |      |      |      | 12   | 12  | 156  | 133  | 35   | 48    |
| 29  | 0    |      |      |      |      |      | 19   | 19  | 146  | 145  | 111  | 48    |
| 30  | 0    |      |      |      |      |      | 23   | 59  | 151  | 145  | 86   | 47    |
| 31  | 0    |      |      |      |      |      |      | 59  |      | 145  | 57   |       |

|               |      |   |   |   |   |   |     |       |       |                      |       |               |
|---------------|------|---|---|---|---|---|-----|-------|-------|----------------------|-------|---------------|
| MEAN          | 10.3 | 0 | 0 | 0 | 0 | 0 | 5.9 | 39.4  | 107   | 158                  | 66    | 68.1          |
| ACRE-<br>FEET | 631  | 0 | 0 | 0 | 0 | 0 | 353 | 2,420 | 6,340 | 9,690                | 4,060 | 4,050         |
|               |      |   |   |   |   |   |     |       |       | 37.9                 |       | Plate No. 52. |
|               |      |   |   |   |   |   |     |       |       | MEAN                 |       |               |
|               |      |   |   |   |   |   |     |       |       | YEAR<br>OR<br>PERIOD |       |               |
|               |      |   |   |   |   |   |     |       |       | ACRE-<br>FEET        |       |               |

Daily discharge, in second-feet, of MICHAUD CANAL AT AMERICAN FALLS, IDAHO for the year ending September 30, 19 00

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|-----|------|------|------|-------|
| 1   | 49   |      |      |      |      |      | 0    | 35  | 73   | 124  | 110  | 30    |
| 2   | 40   |      |      |      |      |      | 0    | 35  | 77   | 124  | 109  | 35    |
| 3   | 32   |      |      |      |      |      | 0    | 50  | 88   | 124  | 97   | 37    |
| 4   | 29   |      |      |      |      |      | 0    | 54  | 94   | 124  | 91   | 37    |
| 5   | 27   |      |      |      |      |      | 0    | 54  | 96   | 124  | 91   | 37    |
| 6   | 19   |      |      |      |      |      | 0    | 54  | 95   | 124  | 91   | 51    |
| 7   | 16   |      |      |      |      |      | 0    | 54  | 82   | 124  | 91   | 56    |
| 8   | 16   |      |      |      |      |      | 0    | 54  | 64   | 132  | 91   | 56    |
| 9   | 16   |      |      |      |      |      | 0    | 54  | 58   | 135  | 91   | 56    |
| 10  | 16   |      |      |      |      |      | 0    | 54  | 45   | 135  | 75   | 56    |
| 11  | 16   |      |      |      |      |      | 0    | 66  | 41   | 127  | 70   | 56    |
| 12  | 16   |      |      |      |      |      | 0    | 69  | 41   | 123  | 85   | 56    |
| 13  | 16   |      |      |      |      |      | 0    | 69  | 41   | 123  | 68   | 56    |
| 14  | 16   |      |      |      |      |      | 0    | 57  | 41   | 123  | 14   | 56    |
| 15  | 16   |      |      |      |      |      | 0    | 39  | 41   | 123  | 18   | 56    |
| 16  | 16   |      |      |      |      |      | 0    | 36  | 41   | 120  | 6    | 56    |
| 17  | 16   |      |      |      |      |      | 0    | 36  | 66   | 120  | 0    | 56    |
| 18  | 16   |      |      |      |      |      | 0    | 36  | 75   | 120  | 0    | 56    |
| 19  | 16   |      |      |      |      |      | 0    | 36  | 91   | 120  | 0    | 42    |
| 20  | 16   |      |      |      |      |      | 0    | 36  | 94   | 108  | 0    | 37    |
| 21  | 5    |      |      |      |      |      | 0    | 36  | 102  | 102  | 0    | 24    |
| 22  | 0    |      |      |      |      |      | 4    | 33  | 94   | 114  | 0    | 17    |
| 23  | 0    |      |      |      |      |      | 9    | 32  | 94   | 116  | 0    | 17    |
| 24  | 0    |      |      |      |      |      | 18   | 39  | 108  | 106  | 0    | 17    |
| 25  | 0    |      |      |      |      |      | 18   | 40  | 114  | 106  | 0    | 17    |
| 26  | 0    |      |      |      |      |      | 18   | 41  | 114  | 107  | 0    | 17    |
| 27  | 0    |      |      |      |      |      | 18   | 42  | 114  | 107  | 0    | 17    |
| 28  | 0    |      |      |      |      |      | 18   | 42  | 122  | 108  | 0    | 17    |
| 29  | 0    |      |      |      |      |      | 18   | 55  | 124  | 97   | 11   | 17    |
| 30  | 0    |      |      |      |      |      | 32   | 61  | 124  | 105  | 18   | 17    |
| 31  | 0    |      |      |      |      |      |      | 61  |      | 110  | 28   |       |

|               |      |   |   |   |   |   |     |       |       |       |       |       |
|---------------|------|---|---|---|---|---|-----|-------|-------|-------|-------|-------|
| MEAN          | 13.7 | 0 | 0 | 0 | 0 | 0 | 5.1 | 46.8  | 81.8  | 118   | 40.5  | 38.5  |
| ACRE-<br>FEET | 843  | 0 | 0 | 0 | 0 | 0 | 303 | 2,880 | 4,870 | 7,250 | 2,490 | 2,290 |

Plate No. 53



CONTINUED IN THE MIDDLE OF SECOND-YEAR, OF AMERICAN FALLS RESERVOIR AT AMERICAN FALLS, IDAHO, for the year ending September 30, 19 08

Daily discharge in second-year, etc.

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|------|------|------|------|-------|
| 1   | 485  | 618  | 887  | 1054 | 1237 | 1294 | 1546 | 1660 | 1601 | 1629 | 1030 | 953   |
| 2   | 475  | 624  | 895  | 1058 | 1244 | 1294 | 1560 | 1656 | 1597 | 1619 | 1015 | 953   |
| 3   | 471  | 632  | 899  | 1062 | 1249 | 1294 | 1561 | 1652 | 1589 | 1606 | 999  | 947   |
| 4   | 472  | 640  | 905  | 1068 | 1253 | 1294 | 1571 | 1645 | 1580 | 1588 | 981  | 939   |
| 5   | 474  | 648  | 905  | 1072 | 1258 | 1293 | 1584 | 1635 | 1569 | 1572 | 967  | 930   |
| 6   | 471  | 657  | 919  | 1077 | 1260 | 1299 | 1594 | 1628 | 1557 | 1554 | 953  | 920   |
| 7   | 474  | 667  | 922  | 1082 | 1263 | 1310 | 1607 | 1626 | 1557 | 1533 | 939  | 907   |
| 8   | 478  | 676  | 930  | 1086 | 1265 | 1323 | 1617 | 1621 | 1562 | 1513 | 922  | 897   |
| 9   | 484  | 683  | 937  | 1091 | 1268 | 1333 | 1628 | 1613 | 1575 | 1488 | 909  | 886   |
| 10  | 488  | 695  | 943  | 1093 | 1270 | 1345 | 1638 | 1603 | 1592 | 1468 | 892  | 874   |
| 11  | 491  | 706  | 948  | 1099 | 1272 | 1355 | 1643 | 1590 | 1612 | 1446 | 875  | 864   |
| 12  | 497  | 715  | 953  | 1103 | 1274 | 1363 | 1650 | 1577 | 1631 | 1428 | 862  | 850   |
| 13  | 504  | 726  | 956  | 1107 | 1276 | 1376 | 1660 | 1566 | 1649 | 1406 | 851  | 835   |
| 14  | 518  | 734  | 957  | 1110 | 1279 | 1385 | 1667 | 1553 | 1674 | 1386 | 841  | 824   |
| 15  | 524  | 745  | 960  | 1115 | 1282 | 1399 | 1670 | 1556 | 1686 | 1363 | 840  | 810   |
| 16  | 529  | 760  | 964  | 1120 | 1284 | 1408 | 1674 | 1555 | 1696 | 1340 | 835  | 800   |
| 17  | 533  | 773  | 970  | 1128 | 1285 | 1417 | 1683 | 1559 | 1698 | 1322 | 830  | 790   |
| 18  | 533  | 784  | 974  | 1136 | 1287 | 1433 | 1683 | 1558 | 1700 | 1303 | 837  | 781   |
| 19  | 538  | 789  | 979  | 1144 | 1289 | 1442 | 1683 | 1558 | 1699 | 1280 | 848  | 768   |
| 20  | 544  | 796  | 985  | 1151 | 1291 | 1452 | 1686 | 1556 | 1698 | 1263 | 864  | 763   |
| 21  | 547  | 804  | 993  | 1157 | 1293 | 1461 | 1693 | 1555 | 1698 | 1244 | 881  | 759   |
| 22  | 550  | 811  | 997  | 1164 | 1294 | 1474 | 1690 | 1560 | 1694 | 1225 | 893  | 760   |
| 23  | 557  | 816  | 1002 | 1171 | 1295 | 1482 | 1688 | 1559 | 1690 | 1207 | 905  | 762   |
| 24  | 564  | 824  | 1008 | 1177 | 1295 | 1492 | 1686 | 1567 | 1688 | 1188 | 918  | 766   |
| 25  | 568  | 839  | 1013 | 1184 | 1294 | 1493 | 1685 | 1572 | 1680 | 1165 | 926  | 766   |
| 26  | 576  | 848  | 1018 | 1192 | 1294 | 1505 | 1687 | 1578 | 1671 | 1149 | 935  | 765   |
| 27  | 580  | 857  | 1024 | 1201 | 1293 | 1514 | 1682 | 1586 | 1658 | 1128 | 942  | 765   |
| 28  | 587  | 861  | 1030 | 1209 | 1294 | 1522 | 1678 | 1594 | 1654 | 1108 | 948  | 760   |
| 29  | 592  | 867  | 1038 | 1217 | 1293 | 1529 | 1673 | 1598 | 1646 | 1085 | 951  | 755   |
| 30  | 601  | 879  | 1044 | 1222 |      | 1533 | 1665 | 1598 | 1637 | 1067 | 954  | 751   |
| 31  | 608  |      | 1050 | 1229 |      | 1541 |      | 1603 |      | 1049 | 955  |       |

|       |  |  |  |  |  |  |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|--|--|--|--|--|--|
| MEAN  |  |  |  |  |  |  |  |  |  |  |  |  |
| ACRE- |  |  |  |  |  |  |  |  |  |  |  |  |
| FEET  |  |  |  |  |  |  |  |  |  |  |  |  |

Daily discharge, in second-feet, of \_\_\_\_\_, for the year ending September 30, 19\_\_\_\_

Snake River at Neeley, Idaho

| Day | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.   | May    | June   | July   | Aug.   | Sept.  |
|-----|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 1   | 8,230 | 2,520 | 2,740 | 4,150 | 2,790 | 6,190 | 2,690  | 11,200 | 11,600 | 12,600 | 13,000 | 6,630  |
| 2   | 7,960 | 2,660 | 2,660 | 4,150 | 2,870 | 5,990 | 2,570  | 11,600 | 11,900 | 12,500 | 12,900 | 7,120  |
| 3   | 7,740 | 2,690 | 2,710 | 4,150 | 2,950 | 5,990 | 2,450  | 11,700 | 12,200 | 13,000 | 12,600 | 8,100  |
| 4   | 7,340 | 2,690 | 3,060 | 4,150 | 2,980 | 5,990 | 2,140  | 11,400 | 12,500 | 13,200 | 12,500 | 9,100  |
| 5   | 6,750 | 2,160 | 3,950 | 4,180 | 3,600 | 5,990 | 1,800  | 11,500 | 12,800 | 13,300 | 12,400 | 9,450  |
| 6   | 6,270 | 1,820 | 4,050 | 4,180 | 3,920 | 3,020 | 1,820  | 11,600 | 12,700 | 13,700 | 12,400 | 9,750  |
| 7   | 5,670 | 1,780 | 3,950 | 4,180 | 3,920 | 2,48  | 1,830  | 11,300 | 12,200 | 13,600 | 12,200 | 10,100 |
| 8   | 4,940 | 1,800 | 3,950 | 4,180 | 3,950 | 2,48  | 1,990  | 11,100 | 11,600 | 13,900 | 12,100 | 10,000 |
| 9   | 4,020 | 1,800 | 3,950 | 4,180 | 3,950 | 2,48  | 2,160  | 11,200 | 10,400 | 14,100 | 12,200 | 9,400  |
| 10  | 3,600 | 1,820 | 3,950 | 4,180 | 3,950 | 2,52  | 2,180  | 11,400 | 9,850  | 14,000 | 12,400 | 8,950  |
| 11  | 3,600 | 1,830 | 4,020 | 4,320 | 3,950 | 2,52  | 2,320  | 11,600 | 9,600  | 13,900 | 12,600 | 9,200  |
| 12  | 3,660 | 1,830 | 4,020 | 4,540 | 3,950 | 2,55  | 2,590  | 11,800 | 9,850  | 14,000 | 12,600 | 9,550  |
| 13  | 3,380 | 1,830 | 4,020 | 4,500 | 4,020 | 2,48  | 3,060  | 11,400 | 10,100 | 14,000 | 12,600 | 9,650  |
| 14  | 3,260 | 1,850 | 4,120 | 4,500 | 4,080 | 2,38  | 3,410  | 10,800 | 10,600 | 13,900 | 12,000 | 9,600  |
| 15  | 3,290 | 670   | 4,150 | 4,020 | 4,080 | 2,41  | 4,080  | 10,900 | 14,200 | 13,700 | 11,100 | 9,600  |
| 16  | 3,290 | 58    | 4,150 | 3,200 | 4,080 | 2,48  | 4,900  | 10,800 | 18,600 | 13,500 | 10,600 | 9,550  |
| 17  | 3,470 | 57    | 4,180 | 2,740 | 4,080 | 2,48  | 5,320  | 10,700 | 20,600 | 13,400 | 9,700  | 8,950  |
| 18  | 3,630 | 764   | 4,120 | 2,890 | 4,260 | 2,48  | 5,510  | 10,600 | 19,800 | 13,200 | 8,380  | 8,330  |
| 19  | 3,440 | 2,370 | 4,080 | 3,030 | 4,820 | 2,44  | 5,830  | 10,600 | 14,800 | 12,900 | 6,310  | 7,920  |
| 20  | 3,090 | 2,430 | 4,120 | 3,060 | 5,400 | 2,48  | 6,030  | 10,600 | 12,500 | 13,000 | 3,820  | 7,650  |
| 21  | 3,090 | 2,090 | 4,120 | 3,060 | 6,030 | 2,44  | 6,110  | 10,800 | 12,000 | 13,000 | 3,290  | 7,000  |
| 22  | 3,120 | 1,920 | 4,120 | 2,950 | 6,550 | 504   | 6,190  | 10,900 | 12,400 | 13,000 | 3,790  | 6,350  |
| 23  | 3,120 | 1,920 | 4,120 | 2,920 | 6,870 | 658   | 6,390  | 10,800 | 12,800 | 13,200 | 4,610  | 5,630  |
| 24  | 2,920 | 1,960 | 4,120 | 2,760 | 7,000 | 658   | 6,390  | 10,800 | 13,000 | 13,400 | 5,130  | 5,440  |
| 25  | 2,790 | 1,960 | 4,150 | 2,660 | 7,000 | 938   | 7,040  | 10,800 | 12,800 | 13,500 | 5,130  | 6,310  |
| 26  | 2,790 | 2,430 | 4,120 | 2,660 | 6,670 | 1,500 | 8,380  | 10,700 | 12,600 | 13,400 | 5,200  | 6,790  |
| 27  | 2,820 | 2,820 | 4,120 | 2,660 | 6,470 | 1,630 | 9,700  | 10,500 | 12,600 | 13,400 | 5,200  | 6,550  |
| 28  | 2,840 | 2,820 | 4,120 | 2,690 | 6,470 | 1,980 | 10,200 | 10,300 | 12,700 | 13,400 | 5,910  | 6,390  |
| 29  | 2,840 | 2,840 | 4,120 | 2,740 | 6,470 | 2,540 | 10,400 | 10,800 | 12,900 | 13,100 | 6,310  | 6,350  |
| 30  | 2,740 | 2,820 | 4,120 | 2,760 |       | 2,950 | 10,800 | 11,400 | 12,800 | 13,000 | 6,310  | 6,390  |
| 31  | 2,660 |       | 4,150 | 2,760 |       | 2,950 |        | 11,600 |        | 13,000 | 6,310  |        |

|               |         |         |         |         |         |         |         |         |         |         |         |         |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| MEAN          | 4,141   | 1,967   | 3,914   | 3,519   | 4,729   | 1,716   | 4,876   | 11,070  | 12,830  | 13,380  | 9,084   | 8,060   |
| ACRE-<br>FEET | 254,600 | 117,000 | 240,700 | 216,400 | 272,000 | 105,500 | 290,100 | 680,700 | 763,600 | 822,700 | 558,500 | 479,600 |

Plate No. 55

YEAR  
OR  
PERIOD

MEAN

6,614

ACRE-  
FEET

4,802,000

U. S. GOVERNMENT PRINTING OFFICE 16-00000-1  
SNAKE RIVER AT NEELEY, IDAHO



for the year ending September 30, 19 08

LAKE WALCOTT NEAR MINIDOKA, IDAHO

Daily discharge, in second-feet, of

| Day | Oct.   | Nov.   | Dec.   | Jan.   | Feb.   | Mar.   | Apr.   | May    | June   | July   | Aug.    | Sept.  |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 1   | 95.430 | 85.400 | 40.170 | 40.380 | 38.920 | 69.300 | 87.500 | 89.600 | 92.040 | 94.950 | 94.490  | 94.490 |
| 2   | 96.390 | 87.030 | 39.750 | 40.380 | 38.300 | 71.500 | 86.450 | 89.360 | 91.460 | 95.180 | 94.720  | 92.740 |
| 3   | 95.670 | 86.330 | 39.340 | 40.380 | 38.200 | 72.940 | 88.660 | 89.830 | 90.640 | 94.720 | 95.310  | 94.370 |
| 4   | 96.750 | 86.100 | 39.130 | 40.380 | 40.380 | 74.520 | 88.080 | 90.530 | 90.990 | 95.430 | 94.490  | 94.720 |
| 5   | 95.910 | 85.870 | 38.720 | 40.280 | 41.440 | 76.550 | 87.380 | 88.660 | 91.230 | 95.310 | 94.600  | 95.310 |
| 6   | 96.750 | 83.770 | 38.820 | 40.590 | 40.910 | 78.240 | 85.520 | 89.480 | 90.990 | 95.180 | 94.720  | 95.180 |
| 7   | 98.080 | 81.740 | 38.510 | 40.590 | 40.700 | 75.870 | 86.800 | 91.230 | 91.460 | 94.950 | 94.950  | 95.180 |
| 8   | 98.800 | 79.590 | 38.400 | 40.590 | 40.590 | 76.770 | 87.380 | 91.920 | 91.230 | 94.600 | 94.250  | 95.310 |
| 9   | 97.840 | 77.450 | 38.510 | 40.380 | 40.380 | 76.320 | 88.080 | 92.390 | 91.920 | 94.140 | 93.900  | 96.390 |
| 10  | 97.840 | 75.870 | 38.200 | 40.590 | 40.070 | 76.890 | 88.900 | 92.620 | 93.090 | 94.720 | 93.550  | 96.150 |
| 11  | 97.330 | 74.290 | 37.890 | 40.590 | 39.960 | 77.450 | 88.430 | 93.090 | 93.900 | 94.720 | 93.200  | 95.670 |
| 12  | 95.430 | 71.610 | 37.680 | 41.020 | 39.550 | 78.130 | 88.550 | 93.550 | 93.550 | 94.950 | 93.900  | 95.310 |
| 13  | 96.390 | 70.070 | 37.780 | 40.800 | 39.340 | 77.790 | 89.130 | 94.720 | 94.140 | 94.950 | 94.840  | 95.430 |
| 14  | 93.790 | 67.760 | 37.470 | 40.380 | 39.130 | 78.020 | 91.230 | 93.320 | 94.490 | 96.150 | 95.430  | 94.720 |
| 15  | 93.670 | 65.670 | 37.890 | 40.590 | 39.340 | 78.350 | 91.810 | 94.020 | 95.910 | 97.590 | 96.870  | 92.970 |
| 16  | 92.390 | 61.060 | 37.990 | 40.700 | 39.230 | 78.800 | 92.510 | 95.910 | 98.560 | 98.560 | 97.840  | 94.950 |
| 17  | 90.990 | 55.790 | 38.720 | 40.170 | 39.340 | 78.350 | 93.090 | 96.390 | 97.470 | 97.350 | 97.960  | 95.550 |
| 18  | 90.290 | 50.740 | 38.920 | 39.550 | 39.750 | 78.580 | 93.320 | 96.870 | 95.910 | 98.320 | 100.730 | 95.910 |
| 19  | 87.730 | 48.410 | 39.550 | 39.550 | 41.650 | 79.930 | 91.230 | 95.910 | 92.860 | 97.840 | 101.450 | 95.910 |
| 20  | 87.030 | 47.990 | 39.750 | 39.860 | 43.020 | 80.610 | 92.860 | 95.070 | 90.640 | 95.430 | 101.210 | 94.840 |
| 21  | 86.570 | 47.570 | 39.750 | 41.020 | 47.360 | 80.830 | 92.510 | 94.720 | 90.530 | 95.670 | 99.640  | 94.720 |
| 22  | 86.220 | 45.770 | 39.960 | 42.710 | 50.960 | 81.060 | 93.090 | 93.790 | 88.780 | 94.490 | 98.080  | 95.430 |
| 23  | 85.170 | 43.760 | 39.960 | 42.390 | 52.890 | 81.280 | 93.790 | 94.140 | 88.660 | 93.790 | 96.390  | 94.950 |
| 24  | 87.150 | 41.650 | 39.960 | 41.760 | 55.040 | 81.060 | 92.860 | 94.250 | 90.410 | 94.020 | 96.150  | 94.020 |
| 25  | 86.100 | 39.130 | 40.170 | 41.440 | 57.090 | 82.070 | 91.690 | 94.020 | 93.090 | 93.790 | 96.630  | 92.740 |
| 26  | 87.030 | 38.720 | 40.170 | 41.120 | 57.950 | 81.620 | 88.900 | 94.020 | 94.250 | 93.670 | 96.150  | 93.320 |
| 27  | 87.500 | 39.550 | 40.280 | 38.400 | 59.340 | 83.090 | 89.940 | 94.840 | 94.250 | 94.140 | 95.910  | 93.440 |
| 28  | 86.680 | 39.340 | 40.380 | 38.300 | 61.940 | 83.770 | 90.410 | 95.070 | 93.790 | 94.490 | 94.720  | 94.250 |
| 29  | 87.270 | 39.750 | 40.490 | 40.280 | 65.450 | 84.470 | 90.760 | 93.900 | 93.320 | 94.490 | 95.430  | 94.370 |
| 30  | 87.730 | 39.960 | 40.490 | 39.750 |        | 84.590 | 90.060 | 92.160 | 94.490 | 93.790 | 95.670  | 94.020 |
| 31  | 87.500 |        | 40.380 | 39.340 |        | 86.680 |        | 92.390 |        | 94.250 | 95.910  |        |

|       |  |  |  |  |  |  |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|--|--|--|--|--|--|
| MEAN  |  |  |  |  |  |  |  |  |  |  |  |  |
| ACRE- |  |  |  |  |  |  |  |  |  |  |  |  |
| FEET  |  |  |  |  |  |  |  |  |  |  |  |  |



Daily discharge, in second-feet, of \_\_\_\_\_, for the year ending December 31, 19\_\_\_\_

NORTH SIDE MINIDOKA CANAL NEAR MINIDOKA, IDAHO

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|------|------|------|------|-------|
| 1   | 907  |      |      |      |      |      | 0    | 1850 | 1410 | 1860 | 1590 | 975   |
| 2   | 783  |      |      |      |      |      | 0    | 1860 | 1410 | 1850 | 1570 | 1170  |
| 3   | 714  |      |      |      |      |      | 0    | 1860 | 1420 | 1850 | 1480 | 1310  |
| 4   | 718  |      |      |      |      |      | 0    | 1860 | 1580 | 1860 | 1470 | 1280  |
| 5   | 634  |      |      |      |      |      | 0    | 1840 | 1630 | 1860 | 1480 | 1340  |
| 6   | 584  |      |      |      |      |      | 0    | 1750 | 1520 | 1860 | 1510 | 1430  |
| 7   | 588  |      |      |      |      |      | 0    | 1570 | 1310 | 1860 | 1510 | 1460  |
| 8   | 590  |      |      |      |      |      | 0    | 1610 | 1040 | 1860 | 1560 | 1470  |
| 9   | 524  |      |      |      |      |      | 0    | 1620 | 757  | 1860 | 1570 | 1390  |
| 10  | 469  |      |      |      |      |      | 0    | 1660 | 614  | 1870 | 1600 | 1220  |
| 11  | 501  |      |      |      |      |      | 0    | 1740 | 618  | 1870 | 1610 | 1180  |
| 12  | 519  |      |      |      |      |      | 0    | 1740 | 656  | 1870 | 1620 | 1100  |
| 13  | 519  |      |      |      |      |      | 0    | 1620 | 805  | 1860 | 1600 | 1030  |
| 14  | 542  |      |      |      |      |      | 0    | 1440 | 841  | 1820 | 1380 | 958   |
| 15  | 566  |      |      |      |      |      | 128  | 1380 | 887  | 1740 | 1130 | 953   |
| 16  | 610  |      |      |      |      |      | 319  | 1320 | 902  | 1690 | 902  | 924   |
| 17  | 682  |      |      |      |      |      | 469  | 1470 | 989  | 1840 | 656  | 867   |
| 18  | 764  |      |      |      |      |      | 499  | 1560 | 1140 | 1880 | 365  | 849   |
| 19  | 786  |      |      |      |      |      | 496  | 1600 | 1320 | 1880 | 210  | 832   |
| 20  | 411  |      |      |      |      |      | 602  | 1640 | 1500 | 1870 | 140  | 753   |
| 21  | 0    |      |      |      |      |      | 628  | 1600 | 1530 | 1880 | 140  | 541   |
| 22  | 0    |      |      |      |      |      | 750  | 1510 | 1520 | 1880 | 139  | 429   |
| 23  | 0    |      |      |      |      |      | 869  | 1440 | 1560 | 1880 | 138  | 429   |
| 24  | 0    |      |      |      |      |      | 1050 | 1360 | 1580 | 1890 | 137  | 440   |
| 25  | 0    |      |      |      |      |      | 1130 | 1300 | 1650 | 1860 | 137  | 458   |
| 26  | 0    |      |      |      |      |      | 1360 | 1250 | 1670 | 1780 | 137  | 470   |
| 27  | 0    |      |      |      |      |      | 1480 | 1150 | 1810 | 1690 | 155  | 494   |
| 28  | 0    |      |      |      |      |      | 1510 | 1220 | 1860 | 1560 | 308  | 492   |
| 29  | 0    |      |      |      |      |      | 1630 | 1330 | 1850 | 1560 | 465  | 508   |
| 30  | 0    |      |      |      |      |      | 1770 | 1520 | 1850 | 1580 | 474  | 544   |
| 31  | 0    |      |      |      |      |      |      | 1460 |      | 1580 | 718  |       |

|               |        |   |   |   |   |   |        |        |        |         |        |        |
|---------------|--------|---|---|---|---|---|--------|--------|--------|---------|--------|--------|
| MEAN          | 400    | 0 | 0 | 0 | 0 | 0 | 490    | 1,553  | 1,308  | 1,808   | 900    | 910    |
| ACRE-<br>FEET | 24,620 | 0 | 0 | 0 | 0 | 0 | 29,140 | 95,660 | 77,810 | 111,200 | 55,340 | 54,140 |

Plate No. 57

U. S. GOVERNMENT PRINTING OFFICE 16-00006-1  
 NORTH SIDE MINIDOKA CANAL NEAR MINIDOKA, IDAHO  
 YEAR OR PERIOD 617  
 MEAN 447,700  
 ACRE-Feet

Daily discharge, in second-feet, of \_\_\_\_\_, for the year ending September 30, 19\_\_

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr.  | May   | June  | July  | Aug.  | Sept. |
|-----|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 1   | 829  |      |      |      |      |      | 0     | 1,200 | 1,260 | 1,460 | 1,350 | 552   |
| 2   | 808  |      |      |      |      |      | 0     | 1,300 | 1,290 | 1,460 | 1,290 | 557   |
| 3   | 724  |      |      |      |      |      | 0     | 1,320 | 1,340 | 1,450 | 1,290 | 676   |
| 4   | 654  |      |      |      |      |      | 0     | 1,320 | 1,350 | 1,420 | 1,270 | 838   |
| 5   | 641  |      |      |      |      |      | 0     | 1,320 | 1,340 | 1,420 | 1,210 | 931   |
| 6   | 599  |      |      |      |      |      | 0     | 1,310 | 1,320 | 1,440 | 1,200 | 1,060 |
| 7   | 502  |      |      |      |      |      | 0     | 1,250 | 1,220 | 1,470 | 1,220 | 1,120 |
| 8   | 474  |      |      |      |      |      | 0     | 1,240 | 1,090 | 1,440 | 1,260 | 1,120 |
| 9   | 467  |      |      |      |      |      | 0     | 1,230 | 907   | 1,430 | 1,300 | 1,130 |
| 10  | 462  |      |      |      |      |      | 0     | 1,210 | 781   | 1,430 | 1,270 | 1,120 |
| 11  | 512  |      |      |      |      |      | 0     | 1,240 | 718   | 1,450 | 1,230 | 1,090 |
| 12  | 542  |      |      |      |      |      | 0     | 1,260 | 654   | 1,460 | 1,210 | 1,040 |
| 13  | 536  |      |      |      |      |      | 0     | 1,250 | 641   | 1,450 | 1,210 | 988   |
| 14  | 560  |      |      |      |      |      | 0     | 1,170 | 668   | 1,450 | 1,080 | 976   |
| 15  | 596  |      |      |      |      |      | 52    | 1,110 | 698   | 1,440 | 850   | 952   |
| 16  | 657  |      |      |      |      |      | 82    | 1,110 | 772   | 1,430 | 743   | 904   |
| 17  | 701  |      |      |      |      |      | 81    | 1,110 | 880   | 1,430 | 583   | 793   |
| 18  | 763  |      |      |      |      |      | 208   | 1,150 | 1,040 | 1,430 | 382   | 735   |
| 19  | 799  |      |      |      |      |      | 294   | 1,210 | 1,180 | 1,420 | 278   | 738   |
| 20  | 574  |      |      |      |      |      | 288   | 1,230 | 1,270 | 1,440 | 224   | 665   |
| 21  | 330  |      |      |      |      |      | 284   | 1,230 | 1,330 | 1,430 | 188   | 532   |
| 22  | 330  |      |      |      |      |      | 442   | 1,180 | 1,380 | 1,410 | 174   | 440   |
| 23  | 336  |      |      |      |      |      | 617   | 1,120 | 1,400 | 1,400 | 172   | 380   |
| 24  | 241  |      |      |      |      |      | 630   | 1,060 | 1,400 | 1,380 | 172   | 342   |
| 25  | 0    |      |      |      |      |      | 625   | 1,060 | 1,390 | 1,370 | 172   | 322   |
| 26  | 0    |      |      |      |      |      | 696   | 1,060 | 1,420 | 1,390 | 174   | 336   |
| 27  | 0    |      |      |      |      |      | 726   | 1,070 | 1,440 | 1,410 | 174   | 326   |
| 28  | 0    |      |      |      |      |      | 811   | 1,130 | 1,470 | 1,410 | 174   | 314   |
| 29  | 0    |      |      |      |      |      | 997   | 1,200 | 1,460 | 1,420 | 258   | 338   |
| 30  | 0    |      |      |      |      |      | 1,170 | 1,240 | 1,460 | 1,410 | 304   | 382   |
| 31  | 0    |      |      |      |      |      |       | 1,260 |       | 1,390 | 628   |       |

|               |        |   |   |   |   |   |        |        |        |        |        |        |
|---------------|--------|---|---|---|---|---|--------|--------|--------|--------|--------|--------|
| MEAN          | 440    | 0 | 0 | 0 | 0 | 0 | 267    | 1,198  | 1,152  | 1,427  | 743    | 723    |
| ACRE-<br>FEET | 27,050 | 0 | 0 | 0 | 0 | 0 | 15,870 | 73,690 | 68,570 | 87,750 | 45,700 | 43,040 |

| Day | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June   | July   | Aug.  | Sept. |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|
| 1   | 7,210 | 3,140 | 2,940 | 4,350 | 3,430 | 4,670 | 2,690 | 8,260 | 8,580  | 9,320  | 9,260 | 5,410 |
| 2   | 7,020 | 2,870 | 2,960 | 4,350 | 3,330 | 5,020 | 2,560 | 8,410 | 8,580  | 9,290  | 9,390 | 5,640 |
| 3   | 6,970 | 2,820 | 2,940 | 4,420 | 2,470 | 5,290 | 2,420 | 8,350 | 8,760  | 9,360  | 9,360 | 5,870 |
| 4   | 6,400 | 2,860 | 3,000 | 4,330 | 1,690 | 5,100 | 2,380 | 8,210 | 8,640  | 9,480  | 9,390 | 6,640 |
| 5   | 6,050 | 2,880 | 4,240 | 4,490 | 4,330 | 4,880 | 2,100 | 8,610 | 8,640  | 9,890  | 9,390 | 6,990 |
| 6   | 5,460 | 2,850 | 4,330 | 4,350 | 4,380 | 4,760 | 2,250 | 8,490 | 8,730  | 10,100 | 9,390 | 7,180 |
| 7   | 4,670 | 2,870 | 4,220 | 4,330 | 4,350 | 298   | 2,140 | 8,120 | 8,610  | 10,200 | 9,360 | 7,450 |
| 8   | 4,330 | 2,860 | 4,310 | 4,440 | 4,350 | 206   | 2,060 | 8,120 | 8,320  | 10,500 | 9,360 | 7,210 |
| 9   | 3,730 | 2,900 | 4,270 | 4,420 | 4,330 | 128   | 2,180 | 8,070 | 7,840  | 10,500 | 9,450 | 6,890 |
| 10  | 2,890 | 2,930 | 4,240 | 4,540 | 4,330 | 125   | 1,940 | 8,210 | 7,560  | 10,300 | 9,510 | 6,830 |
| 11  | 2,870 | 2,920 | 4,490 | 4,510 | 4,330 | 120   | 2,200 | 8,440 | 7,510  | 10,300 | 9,730 | 7,080 |
| 12  | 3,010 | 2,940 | 4,380 | 4,670 | 4,310 | 115   | 2,360 | 8,550 | 7,560  | 10,400 | 9,770 | 7,370 |
| 13  | 2,820 | 2,920 | 4,200 | 4,950 | 4,330 | 125   | 2,610 | 8,580 | 7,650  | 10,400 | 9,640 | 7,450 |
| 14  | 3,040 | 2,920 | 4,300 | 4,980 | 4,330 | 125   | 2,870 | 8,610 | 7,700  | 10,100 | 9,700 | 7,590 |
| 15  | 2,910 | 2,960 | 4,400 | 4,380 | 4,310 | 109   | 3,400 | 8,440 | 9,390  | 10,100 | 9,640 | 7,930 |
| 16  | 2,940 | 2,770 | 4,400 | 4,070 | 4,330 | 103   | 4,220 | 8,240 | 14,700 | 10,100 | 8,930 | 7,650 |
| 17  | 2,870 | 2,800 | 4,400 | 3,310 | 4,330 | 132   | 4,650 | 8,240 | 18,100 | 10,300 | 8,810 | 7,260 |
| 18  | 2,820 | 2,840 | 4,380 | 3,210 | 4,420 | 118   | 4,650 | 8,260 | 18,100 | 10,100 | 8,180 | 6,800 |
| 19  | 2,920 | 2,880 | 4,140 | 3,220 | 4,440 | 107   | 5,260 | 8,210 | 14,700 | 9,890  | 7,210 | 6,510 |
| 20  | 2,800 | 2,880 | 4,330 | 2,790 | 4,330 | 105   | 5,190 | 8,260 | 10,400 | 10,200 | 5,340 | 6,590 |
| 21  | 2,870 | 2,880 | 4,330 | 2,180 | 4,830 | 103   | 5,050 | 8,290 | 9,110  | 9,800  | 4,030 | 6,350 |
| 22  | 2,860 | 2,940 | 4,310 | 3,450 | 5,440 | 338   | 4,930 | 8,440 | 9,260  | 9,830  | 4,330 | 5,710 |
| 23  | 3,060 | 2,940 | 4,290 | 3,340 | 5,950 | 370   | 4,860 | 8,380 | 9,320  | 9,770  | 4,950 | 5,460 |
| 24  | 2,800 | 3,120 | 4,330 | 3,300 | 6,370 | 370   | 5,220 | 8,290 | 8,930  | 9,670  | 4,900 | 5,140 |
| 25  | 2,890 | 3,070 | 4,350 | 3,280 | 6,620 | 815   | 5,920 | 8,260 | 8,780  | 9,800  | 4,950 | 5,190 |
| 26  | 2,820 | 2,940 | 4,510 | 3,090 | 6,400 | 1,240 | 7,080 | 8,440 | 8,990  | 9,670  | 5,020 | 5,340 |
| 27  | 2,900 | 2,940 | 4,380 | 3,560 | 5,540 | 1,340 | 7,620 | 8,260 | 9,170  | 9,700  | 5,120 | 5,440 |
| 28  | 3,060 | 2,950 | 4,310 | 2,340 | 5,020 | 1,380 | 7,820 | 8,120 | 9,480  | 9,610  | 5,580 | 5,440 |
| 29  | 2,970 | 2,960 | 4,310 | 3,310 | 4,670 | 1,830 | 7,820 | 8,290 | 10,100 | 9,480  | 5,680 | 5,380 |
| 30  | 2,930 | 2,960 | 4,290 | 3,280 |       | 2,770 | 7,960 | 8,670 | 9,610  | 9,610  | 5,580 | 5,440 |
| 31  | 2,880 |       | 4,330 | 3,270 |       | 2,720 |       | 8,730 |        | 9,140  | 5,560 |       |

|               |         |         |         |         |         |        |         |         |         |         |         |         |
|---------------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|
| MEAN          | 3,735   | 2,917   | 4,149   | 3,823   | 4,527   | 1,449  | 4,147   | 8,350   | 9,761   | 9,900   | 7,630   | 6,441   |
| ACRE-<br>FEET | 229,600 | 173,600 | 255,100 | 235,100 | 260,400 | 89,080 | 246,800 | 513,400 | 580,800 | 608,700 | 469,100 | 383,300 |



Daily discharge, in second-feet, of MINIDOKA NORTH SIDE PUMP CANAL NEAR BURLEY, IDAHO, for the year ending September 30, 1908

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|-----|------|------|------|-------|
| 1   | 91   |      |      |      |      |      | 0    | 107 | 138  | 230  | 204  | 0     |
| 2   | 91   |      |      |      |      |      | 0    | 135 | 138  | 230  | 204  | 52    |
| 3   | 91   |      |      |      |      |      | 0    | 149 | 159  | 234  | 201  | 56    |
| 4   | 76   |      |      |      |      |      | 0    | 160 | 182  | 234  | 201  | 82    |
| 5   | 73   |      |      |      |      |      | 0    | 160 | 195  | 239  | 201  | 97    |
| 6   | 67   |      |      |      |      |      | 0    | 160 | 195  | 246  | 186  | 104   |
| 7   | 62   |      |      |      |      |      | 0    | 160 | 189  | 246  | 197  | 121   |
| 8   | 62   |      |      |      |      |      | 0    | 169 | 171  | 251  | 189  | 121   |
| 9   | 57   |      |      |      |      |      | 0    | 169 | 171  | 251  | 204  | 121   |
| 10  | 53   |      |      |      |      |      | 0    | 175 | 148  | 252  | 199  | 130   |
| 11  | 53   |      |      |      |      |      | 0    | 170 | 112  | 252  | 199  | 128   |
| 12  | 60   |      |      |      |      |      | 0    | 170 | 104  | 253  | 199  | 128   |
| 13  | 60   |      |      |      |      |      | 47   | 176 | 95   | 253  | 189  | 126   |
| 14  | 60   |      |      |      |      |      | 35   | 176 | 89   | 254  | 189  | 120   |
| 15  | 60   |      |      |      |      |      | 35   | 159 | 89   | 254  | 169  | 120   |
| 16  | 0    |      |      |      |      |      | 35   | 159 | 89   | 254  | 152  | 105   |
| 17  | 0    |      |      |      |      |      | 35   | 151 | 95   | 253  | 130  | 105   |
| 18  | 0    |      |      |      |      |      | 40   | 151 | 134  | 252  | 130  | 98    |
| 19  | 0    |      |      |      |      |      | 35   | 151 | 160  | 242  | 81   | 87    |
| 20  | 0    |      |      |      |      |      | 35   | 151 | 174  | 247  | 40   | 87    |
| 21  | 0    |      |      |      |      |      | 35   | 156 | 184  | 246  | 0    | 67    |
| 22  | 0    |      |      |      |      |      | 35   | 138 | 192  | 252  | 0    | 49    |
| 23  | 0    |      |      |      |      |      | 40   | 128 | 192  | 244  | 0    | 49    |
| 24  | 0    |      |      |      |      |      | 52   | 128 | 200  | 252  | 0    | 49    |
| 25  | 0    |      |      |      |      |      | 64   | 118 | 210  | 244  | 0    | 46    |
| 26  | 0    |      |      |      |      |      | 70   | 118 | 222  | 246  | 0    | 46    |
| 27  | 0    |      |      |      |      |      | 78   | 104 | 236  | 226  | 0    | 46    |
| 28  | 0    |      |      |      |      |      | 70   | 114 | 243  | 226  | 0    | 49    |
| 29  | 0    |      |      |      |      |      | 70   | 130 | 238  | 219  | 0    | 49    |
| 30  | 0    |      |      |      |      |      | 91   | 152 | 238  | 209  | 0    | 48    |
| 31  | 0    |      |      |      |      |      |      | 152 |      | 209  | 0    |       |

|               |       |   |   |   |   |   |       |       |       |        |       |       |
|---------------|-------|---|---|---|---|---|-------|-------|-------|--------|-------|-------|
| MEAN          | 32.8  | 0 | 0 | 0 | 0 | 0 | 30.1  | 148   | 166   | 242    | 112   | 82.9  |
| ACRE-<br>FEET | 2,020 | 0 | 0 | 0 | 0 | 0 | 1,790 | 9,120 | 9,880 | 14,880 | 6,870 | 4,930 |

U. S. GOVERNMENT PRINTING OFFICE 6-7140

MINIDOKA NORTH SIDE PUMP CANAL NEAR BURLEY, IDAHO

YEAR OR PERIOD 68.2

ACRE-Feet 49,480

Plate No. 60

Daily discharge in cfs at feet, of \_\_\_\_\_, for the year ending September 30, 19\_\_

LAKE MILNER AT MILNER, IDAHO

| Day | Oct.  | Nov. | Dec. | Jan. | Feb. | Mar. | Apr.  | May   | June  | July  | Aug.  | Sept. |
|-----|-------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 1   | 10.84 | 9.12 | 3.10 | 3.40 | 3.00 | 5.70 | 10.34 | 10.52 | 10.78 | 11.00 | 11.03 | 11.12 |
| 2   | 10.99 | 9.00 | 3.20 | 3.40 | 3.00 | 6.40 | 10.64 | 11.06 | 10.84 | 10.98 | 11.00 | 10.73 |
| 3   | 9.76  | 8.88 | 3.10 | 3.20 | 2.90 | 7.20 | 11.00 | 11.12 | 10.68 | 10.87 | 11.00 | 10.71 |
| 4   | 11.34 | 8.60 | 2.80 | 3.40 | 2.70 | 7.50 | 10.90 | 11.06 | 10.80 | 10.83 | 11.01 | 10.54 |
| 5   | 11.12 | 8.38 | 2.80 | 3.20 | 2.50 | 7.90 | 10.96 | 10.86 | 10.86 | 10.85 | 11.04 | 10.49 |
| 6   | 11.21 | 8.12 | 3.00 |      | 3.40 | 8.10 | 10.70 | 10.73 | 10.84 | 10.94 | 11.06 | 10.55 |
| 7   | 11.20 | 7.62 | 3.20 | 3.20 | 3.40 | 9.38 | 10.76 | 11.06 | 10.92 | 11.09 | 11.06 | 10.70 |
| 8   | 10.90 | 7.36 | 3.20 | 3.40 | 3.50 | 9.42 | 11.04 | 11.09 | 11.08 | 10.98 | 10.97 | 10.94 |
| 9   | 10.55 | 6.90 | 3.80 | 3.50 | 3.50 | 9.35 | 11.06 | 11.06 | 11.19 | 11.00 | 10.84 | 11.10 |
| 10  | 9.98  | 6.70 | 3.30 | 3.40 |      | 9.38 | 11.04 | 10.98 | 11.05 | 11.00 | 10.84 | 11.03 |
| 11  | 9.67  | 6.50 | 3.20 | 3.30 | 3.40 | 9.45 | 10.78 | 10.88 | 11.00 | 10.96 | 10.76 | 10.88 |
| 12  | 9.14  | 5.90 | 2.80 | 3.20 | 3.40 | 9.45 | 10.40 | 10.86 | 10.91 | 10.88 | 10.82 | 10.75 |
| 13  | 9.18  | 5.50 | 3.10 | 3.10 | 3.50 | 9.30 | 9.90  | 10.94 | 10.82 | 10.92 | 10.87 | 10.82 |
| 14  | 8.78  | 5.40 | 3.00 | 3.50 | 3.40 | 9.30 | 10.24 | 10.86 | 10.89 | 11.07 | 10.97 | 10.70 |
| 15  | 8.66  | 5.30 | 3.20 | 3.60 | 3.40 | 9.35 | 10.20 | 10.83 | 10.90 | 11.12 | 11.06 | 10.60 |
| 16  | 8.48  | 5.30 | 3.30 | 3.40 | 3.40 | 9.35 | 10.22 | 10.96 | 10.78 | 11.05 | 11.24 | 10.87 |
| 17  | 8.18  | 5.30 | 3.40 | 3.30 |      | 9.10 | 10.01 | 10.86 | 10.76 | 10.90 | 10.94 | 11.17 |
| 18  | 8.04  | 5.30 | 3.40 | 3.20 |      | 8.90 | 10.26 | 10.88 | 10.63 | 11.03 | 11.32 | 11.20 |
| 19  | 8.00  | 5.20 | 3.40 | 3.10 | 3.40 | 9.04 | 10.32 | 10.86 | 10.74 | 11.02 | 11.29 | 11.05 |
| 20  | 8.32  | 5.40 | 3.40 |      | 3.50 | 9.12 | 10.66 | 10.73 | 10.94 | 10.82 | 11.20 | 10.90 |
| 21  | 8.44  | 5.40 | 3.40 | 2.90 | 3.30 | 9.04 | 10.90 | 10.78 | 11.06 | 10.94 | 11.10 | 10.74 |
| 22  | 8.46  | 4.40 | 3.40 | 3.30 | 3.50 | 9.02 | 10.92 | 10.74 | 11.04 | 10.90 | 10.71 | 11.03 |
| 23  | 8.26  | 3.10 | 3.40 | 3.20 | 3.60 | 8.98 | 10.45 | 10.91 | 11.07 | 10.89 | 10.60 | 11.02 |
| 24  | 8.62  | 2.80 |      | 3.00 |      | 8.88 | 9.78  | 10.94 | 11.26 | 10.89 | 10.66 | 10.90 |
| 25  | 8.68  | 3.60 | 3.50 | 3.20 | 4.20 | 8.78 | 9.66  | 11.00 | 11.22 | 10.93 | 10.63 | 10.71 |
| 26  | 8.62  | 4.20 | 3.35 | 2.90 | 4.30 | 8.45 | 9.46  | 10.98 | 11.13 | 10.97 | 10.59 | 10.58 |
| 27  | 8.68  | 4.30 | 3.30 |      | 3.90 | 8.74 | 9.82  | 11.12 | 10.92 | 11.00 | 10.59 | 10.45 |
| 28  | 8.58  | 4.30 | 3.50 | 2.70 | 3.70 | 8.94 | 10.45 | 11.12 | 10.69 | 11.13 | 10.47 | 10.46 |
| 29  | 8.90  | 4.30 | 3.40 | 2.30 |      | 9.10 | 10.62 | 10.90 | 10.34 | 11.19 | 10.83 | 10.42 |
| 30  | 9.10  | 4.30 |      | 2.70 |      | 9.00 | 10.60 | 10.62 | 10.92 | 10.98 | 11.01 | 10.35 |
| 31  | 9.18  |      | 3.30 | 3.00 |      | 9.88 |       | 10.70 |       | 11.17 | 11.06 |       |

| MEAN<br>ACRE-<br>FEET |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------|--|--|--|--|--|--|--|--|--|--|--|--|
|                       |  |  |  |  |  |  |  |  |  |  |  |  |
|                       |  |  |  |  |  |  |  |  |  |  |  |  |

Daily discharge, in second-feet, of \_\_\_\_\_, for the year ending September 30, 19\_\_\_\_

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|-----|------|------|------|-------|
| 1   |      |      |      |      |      |      |      | 50  | 64   | 60   | 74   | 0     |
| 2   |      |      |      |      |      |      |      | 48  | 64   | 66   | 74   | 20    |
| 3   |      |      |      |      |      |      |      | 48  | 64   | 66   | 74   | 33    |
| 4   |      |      |      |      |      |      |      | 58  | 64   | 66   | 73   | 33    |
| 5   |      |      |      |      |      |      |      | 58  | 64   | 66   | 73   | 47    |
| 6   |      |      |      |      |      |      |      | 58  | 65   | 66   | 73   | 58    |
| 7   |      |      |      |      |      |      |      | 58  | 64   | 66   | 72   | 58    |
| 8   |      |      |      |      |      |      |      | 58  | 65   | 71   | 72   | 58    |
| 9   |      |      |      |      |      |      |      | 58  | 65   | 73   | 70   | 58    |
| 10  |      |      |      |      |      |      |      | 61  | 65   | 73   | 68   | 63    |
| 11  |      |      |      |      |      |      |      | 61  | 64   | 73   | 68   | 60    |
| 12  |      |      |      |      |      |      |      | 61  | 64   | 73   | 70   | 60    |
| 13  |      |      |      |      |      |      |      | 60  | 59   | 73   | 70   | 60    |
| 14  |      |      |      |      |      |      |      | 61  | 60   | 73   | 70   | 60    |
| 15  |      |      |      |      |      |      |      | 61  | 60   | 73   | 70   | 60    |
| 16  |      |      |      |      |      |      |      | 63  | 59   | 74   | 70   | 60    |
| 17  |      |      |      |      |      |      |      | 63  | 58   | 73   | 68   | 60    |
| 18  |      |      |      |      |      |      |      | 63  | 58   | 73   | 61   | 60    |
| 19  |      |      |      |      |      |      |      | 63  | 59   | 74   | 59   | 60    |
| 20  |      |      |      |      |      |      |      | 63  | 59   | 74   | 17   | 59    |
| 21  |      |      |      |      |      |      |      | 63  | 59   | 74   | 0    | 59    |
| 22  |      |      |      |      |      |      |      | 63  | 59   | 74   | 0    | 59    |
| 23  |      |      |      |      |      |      |      | 63  | 59   | 73   | 0    | 56    |
| 24  |      |      |      |      |      |      | 16   | 63  | 60   | 73   | 0    | 50    |
| 25  |      |      |      |      |      |      | 22   | 63  | 62   | 75   | 0    | 50    |
| 26  |      |      |      |      |      |      | 21   | 63  | 59   | 75   | 20   | 50    |
| 27  |      |      |      |      |      |      | 36   | 63  | 59   | 75   | 33   | 49    |
| 28  |      |      |      |      |      |      | 36   | 65  | 59   | 74   | 33   | 56    |
| 29  |      |      |      |      |      |      | 36   | 65  | 60   | 74   | 45   | 56    |
| 30  |      |      |      |      |      |      | 50   | 65  | 60   | 74   | 55   | 56    |
| 31  |      |      |      |      |      |      |      | 65  |      | 74   | 55   |       |

|               |   |   |   |   |   |   |     |       |       |       |       |       |
|---------------|---|---|---|---|---|---|-----|-------|-------|-------|-------|-------|
| MEAN          | 0 | 0 | 0 | 0 | 0 | 0 | 7.2 | 60.5  | 61.3  | 71.6  | 51.2  | 52.3  |
| ACRE-<br>FEET | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 3,720 | 3,650 | 4,410 | 3,150 | 3,110 |



| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|-----|------|------|------|-------|
| 1   | 123  |      |      |      |      |      | 0    | 210 | 232  | 260  | 252  | 34    |
| 2   | 117  |      |      |      |      |      | 0    | 237 | 232  | 260  | 252  | 75    |
| 3   | 111  |      |      |      |      |      | 0    | 248 | 243  | 265  | 240  | 89    |
| 4   | 105  |      |      |      |      |      | 0    | 233 | 252  | 267  | 235  | 94    |
| 5   | 100  |      |      |      |      |      | 0    | 233 | 250  | 273  | 217  | 102   |
| 6   | 90   |      |      |      |      |      | 0    | 233 | 247  | 276  | 209  | 108   |
| 7   | 85   |      |      |      |      |      | 0    | 239 | 228  | 276  | 219  | 127   |
| 8   | 89   |      |      |      |      |      | 0    | 235 | 185  | 281  | 231  | 134   |
| 9   | 98   |      |      |      |      |      | 0    | 233 | 157  | 283  | 243  | 134   |
| 10  | 98   |      |      |      |      |      | 0    | 233 | 145  | 283  | 243  | 140   |
| 11  | 95   |      |      |      |      |      | 0    | 239 | 127  | 283  | 230  | 143   |
| 12  | 92   |      |      |      |      |      | 0    | 241 | 115  | 283  | 227  | 150   |
| 13  | 86   |      |      |      |      |      | 0    | 244 | 104  | 283  | 227  | 153   |
| 14  | 82   |      |      |      |      |      | 0    | 241 | 110  | 283  | 212  | 153   |
| 15  | 82   |      |      |      |      |      | 0    | 241 | 116  | 283  | 182  | 153   |
| 16  | 0    |      |      |      |      |      | 22   | 241 | 116  | 284  | 171  | 153   |
| 17  | 0    |      |      |      |      |      | 35   | 241 | 146  | 269  | 139  | 140   |
| 18  | 0    |      |      |      |      |      | 35   | 241 | 161  | 287  | 112  | 127   |
| 19  | 0    |      |      |      |      |      | 35   | 241 | 184  | 289  | 86   | 121   |
| 20  | 0    |      |      |      |      |      | 35   | 241 | 196  | 290  | 75   | 111   |
| 21  | 0    |      |      |      |      |      | 35   | 242 | 210  | 292  | 21   | 92    |
| 22  | 0    |      |      |      |      |      | 41   | 243 | 216  | 287  | 0    | 87    |
| 23  | 0    |      |      |      |      |      | 49   | 244 | 234  | 285  | 0    | 87    |
| 24  | 0    |      |      |      |      |      | 62   | 245 | 223  | 285  | 0    | 87    |
| 25  | 0    |      |      |      |      |      | 89   | 246 | 219  | 285  | 0    | 93    |
| 26  | 0    |      |      |      |      |      | 115  | 245 | 224  | 278  | 0    | 94    |
| 27  | 0    |      |      |      |      |      | 122  | 245 | 236  | 262  | 0    | 94    |
| 28  | 0    |      |      |      |      |      | 122  | 243 | 250  | 258  | 25   | 94    |
| 29  | 0    |      |      |      |      |      | 152  | 242 | 258  | 258  | 34   | 94    |
| 30  | 0    |      |      |      |      |      | 194  | 235 | 260  | 258  | 34   | 101   |
| 31  | 0    |      |      |      |      |      |      | 232 |      | 261  | 34   |       |

|               |       |   |   |   |   |   |       |        |        |        |       |       |
|---------------|-------|---|---|---|---|---|-------|--------|--------|--------|-------|-------|
| MEAN          | 46.9  | 0 | 0 | 0 | 0 | 0 | 38.1  | 239    | 196    | 276    | 134   | 112   |
| ACRE-<br>FEET | 2,880 | 0 | 0 | 0 | 0 | 0 | 2,770 | 14,690 | 11,660 | 16,990 | 8,230 | 6,670 |

Daily discharge, in second-feet, of \_\_\_\_\_, for the year ending September 30, 19 \_\_\_\_

GOODING PROJECT IN GOODING CANAL NEAR MILNER, IDAHO

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|------|------|------|------|-------|
| 1   | 1220 | 100  |      |      |      |      | 0    | 1390 | 1580 | 1630 | 1660 | 1000  |
| 2   | 1230 | 100  |      |      |      |      | 0    | 1420 | 1590 | 1620 | 1650 | 1000  |
| 3   | 1190 | 100  |      |      |      |      | 0    | 1420 | 1590 | 1620 | 1650 | 1030  |
| 4   | 1140 | 100  |      |      |      |      | 0    | 1450 | 1590 | 1620 | 1650 | 1150  |
| 5   | 1120 | 100  |      |      |      |      | 0    | 1470 | 1590 | 1620 | 1650 | 1210  |
| 6   | 1090 | 100  |      |      |      |      | 0    | 1480 | 1590 | 1620 | 1650 | 1210  |
| 7   | 1050 | 100  |      |      |      |      | 0    | 1480 | 1600 | 1630 | 1650 | 1210  |
| 8   | 1050 | 20   |      |      |      |      | 0    | 1480 | 1600 | 1620 | 1630 | 1210  |
| 9   | 1060 | 20   |      |      |      |      | 0    | 1480 | 1590 | 1630 | 1610 | 1210  |
| 10  | 320  | 20   |      |      |      |      | 0    | 1480 | 1600 | 1620 | 1620 | 1240  |
| 11  | 0    | 20   |      |      |      |      | 0    | 1480 | 1530 | 1630 | 1620 | 1330  |
| 12  | 0    | 20   |      |      |      |      | 0    | 1480 | 1480 | 1620 | 1620 | 1380  |
| 13  | 0    | 20   |      |      |      |      | 0    | 1480 | 1480 | 1630 | 1620 | 1380  |
| 14  | 110  | 20   |      |      |      |      | 0    | 1460 | 1480 | 1630 | 1580 | 1380  |
| 15  | 180  | 20   |      |      |      |      | 0    | 1460 | 1480 | 1630 | 1520 | 1380  |
| 16  | 170  | 10   |      |      |      |      | 420  | 1470 | 1480 | 1620 | 1500 | 1380  |
| 17  | 160  | 10   |      |      |      |      | 620  | 1470 | 1480 | 1620 | 1470 | 1380  |
| 18  | 170  | 10   |      |      |      |      | 630  | 1470 | 1520 | 1620 | 1460 | 1380  |
| 19  | 190  | 10   |      |      |      |      | 730  | 1460 | 1580 | 1620 | 1400 | 1380  |
| 20  | 190  | 10   |      |      |      |      | 890  | 1460 | 1620 | 1620 | 1160 | 1380  |
| 21  | 190  | 0    |      |      |      |      | 880  | 1460 | 1620 | 1620 | 1000 | 1310  |
| 22  | 190  | 0    |      |      |      |      | 870  | 1480 | 1630 | 1630 | 1000 | 1270  |
| 23  | 180  | 0    |      |      |      |      | 1060 | 1490 | 1630 | 1630 | 1000 | 1240  |
| 24  | 180  | 0    |      |      |      |      | 1220 | 1490 | 1630 | 1640 | 1010 | 1220  |
| 25  | 180  | 0    |      |      |      |      | 1230 | 1490 | 1630 | 1640 | 1000 | 1220  |
| 26  | 180  | 0    |      |      |      |      | 1220 | 1490 | 1630 | 1640 | 1000 | 1220  |
| 27  | 140  | 0    |      |      |      |      | 1230 | 1490 | 1630 | 1650 | 1000 | 1230  |
| 28  | 110  | 0    |      |      |      |      | 1300 | 1490 | 1630 | 1650 | 1010 | 1230  |
| 29  | 100  | 0    |      |      |      |      | 1330 | 1520 | 1610 | 1650 | 1000 | 1220  |
| 30  | 100  | 0    |      |      |      |      | 1330 | 1530 | 1630 | 1650 | 1000 | 1220  |
| 31  | 100  |      |      |      |      |      |      | 1560 |      | 1660 | 1000 |       |

|               |        |       |   |   |   |   |        |        |        |         |        |        |
|---------------|--------|-------|---|---|---|---|--------|--------|--------|---------|--------|--------|
| MEAN          | 429    | 30.3  | 0 | 0 | 0 | 0 | 499    | 1,475  | 1,577  | 1,630   | 1,367  | 1,253  |
| ACRE-<br>FEET | 26,360 | 1,800 | 0 | 0 | 0 | 0 | 29,670 | 90,700 | 93,860 | 100,200 | 84,080 | 74,580 |

Daily discharge, in second-feet, of \_\_\_\_\_, for the year ending September 30, 19\_\_\_\_

NORTH SIDE CANAL PROJECT IN GOODING CANAL NEAR MILNER, IDAHO

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|-----|------|------|------|-------|
| 1   | 860  | 730  | 210  |      |      |      | 0    | 820 | 840  | 820  | 990  | 890   |
| 2   | 880  | 730  | 0    |      |      |      | 0    | 830 | 830  | 820  | 990  | 890   |
| 3   | 860  | 730  | 0    |      |      |      | 0    | 830 | 830  | 810  | 990  | 910   |
| 4   | 860  | 730  | 0    |      |      |      | 0    | 830 | 830  | 810  | 990  | 920   |
| 5   | 850  | 720  | 0    |      |      |      | 0    | 830 | 830  | 900  | 990  | 930   |
| 6   | 830  | 730  | 0    |      |      |      | 0    | 830 | 830  | 980  | 990  | 940   |
| 7   | 840  | 720  | 0    |      |      |      | 0    | 830 | 830  | 980  | 980  | 940   |
| 8   | 840  | 710  | 0    |      |      |      | 0    | 830 | 830  | 980  | 980  | 940   |
| 9   | 840  | 710  | 0    |      |      |      | 0    | 830 | 830  | 990  | 970  | 950   |
| 10  | 840  | 720  | 0    |      |      |      | 0    | 830 | 830  | 990  | 970  | 950   |
| 11  | 830  | 720  | 0    |      |      |      | 0    | 830 | 820  | 1000 | 960  | 960   |
| 12  | 820  | 720  | 0    |      |      |      | 0    | 830 | 810  | 1000 | 960  | 960   |
| 13  | 820  | 720  | 0    |      |      |      | 0    | 840 | 810  | 1010 | 970  | 950   |
| 14  | 830  | 730  | 0    |      |      |      | 0    | 840 | 810  | 1020 | 960  | 950   |
| 15  | 830  | 720  | 0    |      |      |      | 0    | 840 | 810  | 980  | 950  | 940   |
| 16  | 960  | 720  | 0    |      |      |      | 330  | 840 | 810  | 980  | 950  | 950   |
| 17  | 1040 | 670  | 0    |      |      |      | 480  | 840 | 810  | 980  | 950  | 950   |
| 18  | 1010 | 620  | 0    |      |      |      | 510  | 840 | 810  | 980  | 940  | 940   |
| 19  | 1010 | 620  | 0    |      |      |      | 520  | 850 | 810  | 980  | 930  | 940   |
| 20  | 1020 | 620  | 0    |      |      |      | 520  | 850 | 820  | 980  | 920  | 940   |
| 21  | 1020 | 610  | 0    |      |      |      | 520  | 840 | 820  | 980  | 890  | 940   |
| 22  | 1020 | 520  | 0    |      |      |      | 510  | 840 | 820  | 980  | 890  | 930   |
| 23  | 900  | 410  | 0    |      |      |      | 510  | 840 | 820  | 980  | 870  | 940   |
| 24  | 860  | 400  | 0    |      |      |      | 520  | 840 | 820  | 980  | 870  | 930   |
| 25  | 860  | 580  | 0    |      |      |      | 520  | 850 | 820  | 980  | 870  | 920   |
| 26  | 860  | 720  | 0    |      |      |      | 510  | 840 | 820  | 980  | 870  | 910   |
| 27  | 850  | 730  | 0    |      |      |      | 660  | 840 | 820  | 980  | 870  | 910   |
| 28  | 780  | 720  | 0    |      |      |      | 800  | 840 | 820  | 990  | 870  | 900   |
| 29  | 730  | 720  | 0    |      |      |      | 820  | 840 | 810  | 990  | 870  | 900   |
| 30  | 730  | 690  | 0    |      |      |      | 820  | 840 | 820  | 980  | 880  | 900   |
| 31  | 730  |      | 0    |      |      |      |      | 840 |      | 990  | 890  |       |

|               |        |        |     |   |   |   |        |        |        |        |        |        |
|---------------|--------|--------|-----|---|---|---|--------|--------|--------|--------|--------|--------|
| MEAN          | 871    | 673    | 6.8 | 0 | 0 | 0 | 285    | 837    | 821    | 961    | 935    | 931    |
| ACRE-<br>FEET | 53,570 | 40,050 | 417 | 0 | 0 | 0 | 16,960 | 51,450 | 48,830 | 59,110 | 57,460 | 55,380 |



Daily discharge, in second-feet, of \_\_\_\_\_, for the year ending September 30, 19 68  
 GOODING CANAL BELOW NORTH SIDE DIVERSION NEAR MILNER, IDAHO

| Day | Oct.  | Nov. | Dec. | Jan. | Feb. | Mar. | Apr.  | May   | June  | July  | Aug.  | Sept. |
|-----|-------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 1   | 1,200 | 84   |      |      |      |      | 0     | 1,370 | 1,560 | 1,610 | 1,640 | 984   |
| 2   | 1,210 | 84   |      |      |      |      | 0     | 1,400 | 1,570 | 1,600 | 1,630 | 984   |
| 3   | 1,170 | 84   |      |      |      |      | 0     | 1,400 | 1,570 | 1,600 | 1,630 | 1,010 |
| 4   | 1,120 | 84   |      |      |      |      | 0     | 1,430 | 1,570 | 1,600 | 1,630 | 1,130 |
| 5   | 1,100 | 84   |      |      |      |      | 0     | 1,450 | 1,570 | 1,600 | 1,630 | 1,190 |
| 6   | 1,070 | 84   |      |      |      |      | 0     | 1,460 | 1,570 | 1,600 | 1,630 | 1,190 |
| 7   | 1,030 | 84   |      |      |      |      | 0     | 1,460 | 1,580 | 1,610 | 1,630 | 1,190 |
| 8   | 1,030 | 18   |      |      |      |      | 0     | 1,460 | 1,580 | 1,600 | 1,610 | 1,190 |
| 9   | 1,040 | 18   |      |      |      |      | 0     | 1,460 | 1,570 | 1,610 | 1,590 | 1,190 |
| 10  | 300   | 18   |      |      |      |      | 0     | 1,460 | 1,580 | 1,600 | 1,600 | 1,220 |
| 11  | 0     | 18   |      |      |      |      | 0     | 1,460 | 1,510 | 1,610 | 1,600 | 1,310 |
| 12  | 0     | 18   |      |      |      |      | 0     | 1,460 | 1,460 | 1,600 | 1,600 | 1,360 |
| 13  | 0     | 18   |      |      |      |      | 0     | 1,460 | 1,460 | 1,610 | 1,600 | 1,360 |
| 14  | 86    | 18   |      |      |      |      | 0     | 1,440 | 1,460 | 1,610 | 1,560 | 1,360 |
| 15  | 162   | 18   |      |      |      |      | 0     | 1,440 | 1,460 | 1,610 | 1,500 | 1,360 |
| 16  | 149   | 10   |      |      |      |      | 401   | 1,450 | 1,460 | 1,600 | 1,480 | 1,360 |
| 17  | 142   | 10   |      |      |      |      | 601   | 1,450 | 1,460 | 1,600 | 1,450 | 1,360 |
| 18  | 151   | 10   |      |      |      |      | 609   | 1,450 | 1,500 | 1,600 | 1,440 | 1,360 |
| 19  | 167   | 10   |      |      |      |      | 707   | 1,440 | 1,560 | 1,600 | 1,380 | 1,360 |
| 20  | 168   | 10   |      |      |      |      | 866   | 1,440 | 1,600 | 1,600 | 1,140 | 1,360 |
| 21  | 168   | 0    |      |      |      |      | 860   | 1,440 | 1,600 | 1,600 | 984   | 1,290 |
| 22  | 167   | 0    |      |      |      |      | 848   | 1,460 | 1,610 | 1,610 | 984   | 1,250 |
| 23  | 163   | 0    |      |      |      |      | 1,040 | 1,470 | 1,610 | 1,610 | 982   | 1,220 |
| 24  | 165   | 0    |      |      |      |      | 1,200 | 1,470 | 1,610 | 1,620 | 986   | 1,200 |
| 25  | 164   | 0    |      |      |      |      | 1,210 | 1,470 | 1,610 | 1,620 | 982   | 1,200 |
| 26  | 165   | 0    |      |      |      |      | 1,200 | 1,470 | 1,610 | 1,620 | 982   | 1,200 |
| 27  | 116   | 0    |      |      |      |      | 1,210 | 1,470 | 1,610 | 1,630 | 984   | 1,210 |
| 28  | 94    | 0    |      |      |      |      | 1,280 | 1,470 | 1,610 | 1,630 | 986   | 1,210 |
| 29  | 84    | 0    |      |      |      |      | 1,310 | 1,500 | 1,590 | 1,630 | 984   | 1,200 |
| 30  | 84    | 0    |      |      |      |      | 1,310 | 1,510 | 1,610 | 1,630 | 984   | 1,200 |
| 31  | 84    |      |      |      |      |      |       | 1,540 |       | 1,640 | 982   |       |

|            |        |       |   |   |   |   |        |        |        |        |        |        |
|------------|--------|-------|---|---|---|---|--------|--------|--------|--------|--------|--------|
| Mean       | 411    | 26.1  | 0 | 0 | 0 | 0 | 488    | 1,455  | 1,557  | 1,610  | 1,348  | 1,234  |
| Acres-Feet | 25,290 | 1,550 | 0 | 0 | 0 | 0 | 29,060 | 89,470 | 92,670 | 99,000 | 82,890 | 73,400 |

Daily discharge, in second-feet, of

NORTH SIDE TWIN FALLS CANAL AT MILNER, IDAHO

for the year ending September 30, 19

68

| Day | Oct.  | Nov. | Dec. | Jan. | Feb. | Mar. | Apr.  | May   | June  | July  | Aug.  | Sept. |
|-----|-------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 1   | 1 880 |      |      |      |      |      | 828   | 1 800 | 2 650 | 2 900 | 3 000 | 1 550 |
| 2   | 1 880 |      |      |      |      |      | 834   | 713   | 2 650 | 2 920 | 3 020 | 1 610 |
| 3   | 1 800 |      |      |      |      |      | 1 110 | 1 810 | 2 630 | 2 960 | 3 010 | 1 650 |
| 4   | 1 690 |      |      |      |      |      | 1 030 | 2 280 | 2 640 | 2 960 | 3 020 | 1 670 |
| 5   | 1 580 |      |      |      |      |      | 800   | 2 220 | 2 680 | 2 990 | 2 980 | 1 700 |
| 6   | 1 530 |      |      |      |      |      | 786   | 2 270 | 2 690 | 3 020 | 2 920 | 1 760 |
| 7   | 1 500 |      |      |      |      |      | 792   | 2 280 | 2 580 | 3 020 | 2 900 | 1 770 |
| 8   | 1 480 |      |      |      |      |      | 814   | 2 280 | 2 480 | 3 020 | 2 920 | 1 800 |
| 9   | 1 350 |      |      |      |      |      | 1 000 | 2 280 | 2 420 | 3 020 | 2 920 | 1 870 |
| 10  | 1 240 |      |      |      |      |      | 1 070 | 2 440 | 2 410 | 3 020 | 2 910 | 1 990 |
| 11  | 1 200 |      |      |      |      |      | 1 160 | 2 540 | 2 420 | 3 020 | 2 900 | 2 090 |
| 12  | 1 140 |      |      |      |      |      | 1 200 | 2 540 | 2 430 | 3 020 | 2 900 | 2 120 |
| 13  | 1 140 |      |      |      |      |      | 1 270 | 2 540 | 2 420 | 3 040 | 2 920 | 2 050 |
| 14  | 363   |      |      |      |      |      | 1 360 | 2 450 | 2 430 | 3 040 | 2 920 | 2 030 |
| 15  | 0     |      |      |      |      |      | 1 500 | 2 410 | 2 410 | 3 040 | 2 800 | 2 000 |
| 16  | 0     |      |      |      |      |      | 1 600 | 2 410 | 2 410 | 3 030 | 2 810 | 2 010 |
| 17  | 0     |      |      |      |      |      | 1 600 | 2 420 | 2 430 | 3 010 | 2 720 | 2 000 |
| 18  | 0     |      |      |      |      |      | 1 620 | 2 460 | 2 490 | 3 050 | 2 540 | 2 000 |
| 19  | 0     |      |      |      |      |      | 1 570 | 2 500 | 2 700 | 3 030 | 1 840 | 1 930 |
| 20  | 0     |      |      |      |      |      | 1 430 | 2 490 | 2 820 | 3 000 | 1 490 | 1 800 |
| 21  | 0     |      |      |      |      |      | 1 340 | 2 500 | 2 820 | 3 050 | 1 420 | 1 660 |
| 22  | 0     |      |      |      |      | 113  | 1 340 | 2 500 | 2 820 | 3 040 | 1 420 | 1 590 |
| 23  | 0     |      |      |      |      | 192  | 1 320 | 2 500 | 2 820 | 3 040 | 1 420 | 1 600 |
| 24  | 0     |      |      |      |      | 190  | 1 340 | 2 500 | 2 840 | 3 040 | 1 420 | 1 590 |
| 25  | 0     |      |      |      |      | 351  | 1 490 | 2 500 | 2 780 | 3 060 | 1 420 | 1 510 |
| 26  | 0     |      |      |      |      | 434  | 1 910 | 2 500 | 2 750 | 3 060 | 1 420 | 1 450 |
| 27  | 0     |      |      |      |      | 440  | 1 950 | 2 540 | 2 740 | 3 060 | 1 420 | 1 450 |
| 28  | 0     |      |      |      |      | 443  | 2 190 | 2 540 | 2 740 | 3 080 | 1 420 | 1 460 |
| 29  | 0     |      |      |      |      | 450  | 2 300 | 2 600 | 2 670 | 3 080 | 1 430 | 1 470 |
| 30  | 0     |      |      |      |      | 650  | 2 290 | 2 660 | 2 820 | 3 060 | 1 500 | 1 400 |
| 31  | 0     |      |      |      |      | 803  |       | 2 670 |       | 3 040 | 1 540 |       |

|               |        |   |   |   |   |       |        |         |         |         |         |         |
|---------------|--------|---|---|---|---|-------|--------|---------|---------|---------|---------|---------|
| MEAN          | 638    | 0 | 0 | 0 | 0 | 131   | 1,361  | 2,359   | 2,620   | 3,023   | 2,299   | 1,753   |
| ACRE-<br>FEET | 39,220 | 0 | 0 | 0 | 0 | 8,060 | 81,010 | 145,100 | 155,900 | 185,900 | 141,400 | 104,300 |

U. S. GOVERNMENT PRINTING OFFICE 6-7149

NORTH SIDE TWIN FALLS CANAL AT MILNER, IDAHO

YEAR  
OR  
PERIOD

MEAN

1,186

ACRE-  
FEET

860,800

Plate No. 67

| Day | Oct.  | Nov. | Dec. | Jan. | Feb. | Mar. | Apr.  | May   | June  | July  | Aug.  | Sept. |
|-----|-------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 1   | 2,640 | 824  | 348  | 2    | 1    | 1    | 712   | 3,580 | 3,560 | 3,740 | 3,860 | 2,490 |
| 2   | 2,590 | 792  | 345  | 2    | 1    | 1    | 769   | 3,600 | 3,510 | 3,740 | 3,860 | 2,570 |
| 3   | 2,420 | 742  | 322  | 2    | 1    | 1    | 834   | 3,610 | 3,550 | 3,750 | 3,820 | 2,780 |
| 4   | 2,190 | 703  | 293  | 2    | 1    | 1    | 806   | 3,600 | 3,550 | 3,810 | 3,760 | 2,880 |
| 5   | 1,940 | 688  | 302  | 2    | 1    | 1    | 817   | 3,580 | 3,560 | 3,840 | 3,740 | 2,950 |
| 6   | 1,760 | 673  | 342  | 2    | 1    | 1    | 814   | 3,630 | 3,500 | 3,830 | 3,730 | 2,990 |
| 7   | 1,650 | 646  | 365  | 2    | 1    | 1    | 817   | 3,620 | 3,350 | 3,880 | 3,730 | 3,000 |
| 8   | 1,610 | 646  | 438  | 2    | 1    | 59   | 824   | 3,580 | 3,250 | 3,890 | 3,760 | 2,970 |
| 9   | 1,610 | 658  | 455  | 2    | 1    | 94   | 820   | 3,540 | 3,150 | 3,930 | 3,790 | 2,920 |
| 10  | 1,530 | 610  | 392  | 2    | 1    | 94   | 929   | 3,530 | 3,140 | 3,930 | 3,830 | 2,910 |
| 11  | 1,480 | 562  | 348  | 1    | 1    | 94   | 1,170 | 3,620 | 3,010 | 3,920 | 3,830 | 2,910 |
| 12  | 1,520 | 535  | 460  | 1    | 1    | 102  | 1,360 | 3,560 | 3,000 | 3,910 | 3,830 | 2,910 |
| 13  | 1,450 | 529  | 432  | 1    | 1    | 102  | 1,390 | 3,560 | 2,990 | 3,920 | 3,850 | 2,940 |
| 14  | 1,490 | 559  | 372  | 1    | 1    | 102  | 1,390 | 3,540 | 3,050 | 3,920 | 3,810 | 2,950 |
| 15  | 1,530 | 562  | 398  | 1    | 1    | 102  | 1,530 | 3,580 | 3,060 | 3,900 | 3,720 | 2,940 |
| 16  | 1,490 | 550  | 160  | 1    | 1    | 102  | 1,700 | 3,600 | 3,060 | 3,920 | 3,670 | 2,910 |
| 17  | 1,440 | 523  | 14   | 1    | 1    | 102  | 1,790 | 3,550 | 3,250 | 3,920 | 3,440 | 2,820 |
| 18  | 1,400 | 520  | 14   | 1    | 1    | 102  | 1,850 | 3,510 | 3,440 | 3,930 | 3,220 | 2,750 |
| 19  | 1,310 | 511  | 4    | 1    | 1    | 102  | 1,880 | 3,480 | 3,490 | 3,920 | 2,950 | 2,580 |
| 20  | 1,230 | 496  | 4    | 1    | 1    | 102  | 2,090 | 3,480 | 3,520 | 3,920 | 2,420 | 2,530 |
| 21  | 1,180 | 478  | 2    | 1    | 1    | 118  | 2,290 | 3,540 | 3,550 | 3,910 | 2,210 | 2,470 |
| 22  | 1,180 | 445  | 2    | 1    | 1    | 171  | 2,310 | 3,580 | 3,600 | 3,910 | 2,180 | 2,330 |
| 23  | 1,170 | 432  | 2    | 1    | 1    | 234  | 2,550 | 3,580 | 3,580 | 3,910 | 2,180 | 2,280 |
| 24  | 1,160 | 462  | 2    | 1    | 1    | 259  | 2,850 | 3,620 | 3,580 | 3,910 | 2,190 | 2,210 |
| 25  | 1,130 | 505  | 2    | 1    | 1    | 286  | 2,910 | 3,600 | 3,570 | 3,900 | 2,200 | 2,190 |
| 26  | 1,100 | 526  | 2    | 1    | 1    | 335  | 3,060 | 3,580 | 3,590 | 3,890 | 2,180 | 2,180 |
| 27  | 1,040 | 541  | 2    | 1    | 1    | 332  | 3,160 | 3,560 | 3,710 | 3,890 | 2,190 | 2,160 |
| 28  | 996   | 508  | 1    | 1    | 1    | 432  | 3,200 | 3,550 | 3,840 | 3,880 | 2,240 | 2,160 |
| 29  | 929   | 448  | 2    | 1    | 1    | 544  | 3,320 | 3,550 | 3,810 | 3,860 | 2,320 | 2,150 |
| 30  | 898   | 408  | 2    | 1    | 1    | 583  | 3,440 | 3,550 | 3,830 | 3,860 | 2,320 | 2,140 |
| 31  | 859   |      | 2    | 1    |      | 655  |       | 3,580 |       | 3,860 | 2,410 |       |

|               |        |        |        |     |     |        |         |         |         |         |         |         |
|---------------|--------|--------|--------|-----|-----|--------|---------|---------|---------|---------|---------|---------|
| MEAN          | 1,481  | 569    | 188    | 1.3 | 1.0 | 168    | 1,779   | 3,569   | 3,422   | 3,881   | 3,137   | 2,632   |
| ACRE-<br>FEET | 91,080 | 33,880 | 11,560 | 81  | 58  | 10,340 | 105,900 | 219,500 | 203,600 | 238,600 | 192,900 | 156,600 |



Daily discharge, in second-feet, of Snake River near Milner, Idaho for the year ending September 30, 1969

| Day | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June   | July | Aug. | Sept. |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|------|-------|
| 1   | 261   | 1,710 | 2,960 | 4,700 | 3,420 | 3,830 | 280   | 11    | 12     | 22   | 261  | 24    |
| 2   | 266   | 1,980 | 3,080 | 4,720 | 3,610 | 4,300 | 274   | 1,090 | 13     | 22   | 259  | 21    |
| 3   | 271   | 2,040 | 3,130 | 4,500 | 3,590 | 4,850 | 271   | 686   | 13     | 21   | 261  | 19    |
| 4   | 625   | 2,160 | 3,060 | 4,660 | 2,890 | 5,230 | 277   | 125   | 13     | 19   | 259  | 323   |
| 5   | 718   | 2,170 | 3,320 | 4,750 | 2,450 | 5,050 | 280   | 14    | 11     | 16   | 259  | 410   |
| 6   | 411   | 2,430 | 4,000 | 4,370 | 4,460 | 3,850 | 280   | 15    | 7      | 17   | 259  | 397   |
| 7   | 714   | 2,440 | 4,400 | 4,160 | 4,700 | 2,140 | 280   | 16    | 7      | 226  | 264  | 400   |
| 8   | 277   | 2,440 | 4,100 | 4,520 | 4,710 | 566   | 280   | 17    | 171    | 563  | 261  | 403   |
| 9   | 269   | 2,420 | 4,300 | 5,450 | 4,770 | 307   | 254   | 17    | 424    | 563  | 259  | 410   |
| 10  | 271   | 2,400 | 4,790 | 5,120 | 4,680 | 264   | 162   | 17    | 112    | 563  | 256  | 397   |
| 11  | 284   | 2,460 | 4,160 | 4,860 | 4,620 | 282   | 76    | 15    | 13     | 563  | 256  | 393   |
| 12  | 261   | 2,350 | 3,500 | 4,350 | 4,730 | 285   | 22    | 15    | 12     | 559  | 256  | 393   |
| 13  | 256   | 2,190 | 3,660 | 3,790 | 4,660 | 280   | 21    | 15    | 11     | 330  | 259  | 397   |
| 14  | 702   | 2,100 | 3,660 | 5,160 | 4,650 | 280   | 21    | 16    | 11     | 230  | 256  | 397   |
| 15  | 1,120 | 2,080 | 4,630 | 5,700 | 4,690 | 280   | 17    | 15    | 440    | 230  | 259  | 397   |
| 16  | 1,090 | 2,070 | 4,880 | 5,320 | 4,720 | 280   | 11    | 15    | 6,070  | 244  | 261  | 410   |
| 17  | 888   | 2,030 | 4,860 | 4,220 | 4,730 | 280   | 11    | 15    | 10,100 | 249  | 264  | 428   |
| 18  | 622   | 2,120 | 4,930 | 3,700 | 4,760 | 274   | 12    | 14    | 10,700 | 254  | 282  | 428   |
| 19  | 513   | 2,260 | 4,870 | 3,390 | 4,840 | 277   | 12    | 13    | 7,400  | 254  | 705  | 421   |
| 20  | 718   | 2,290 | 4,800 | 3,560 | 4,730 | 277   | 12    | 13    | 1,730  | 252  | 398  | 410   |
| 21  | 1,030 | 2,760 | 4,750 | 3,070 | 4,740 | 282   | 70    | 13    | 446    | 252  | 52   | 410   |
| 22  | 1,030 | 2,910 | 4,810 | 2,390 | 5,410 | 290   | 1,140 | 13    | 46     | 252  | 26   | 424   |
| 23  | 995   | 2,560 | 4,860 | 3,370 | 5,900 | 282   | 421   | 9     | 21     | 252  | 24   | 421   |
| 24  | 1,040 | 2,140 | 4,890 | 3,540 | 6,220 | 280   | 18    | 10    | 33     | 237  | 24   | 417   |
| 25  | 1,040 | 2,040 | 5,030 | 3,460 | 6,820 | 277   | 12    | 10    | 31     | 244  | 23   | 414   |
| 26  | 1,040 | 2,280 | 4,880 | 3,500 | 7,040 | 271   | 9     | 11    | 23     | 252  | 22   | 407   |
| 27  | 1,040 | 2,330 | 5,000 | 3,940 | 6,510 | 271   | 9     | 14    | 20     | 254  | 21   | 407   |
| 28  | 1,130 | 2,250 | 4,920 | 3,500 | 5,870 | 271   | 10    | 16    | 18     | 259  | 21   | 403   |
| 29  | 1,170 | 2,290 | 4,710 | 3,020 | 4,550 | 274   | 9     | 12    | 17     | 266  | 22   | 403   |
| 30  | 1,420 | 2,900 | 4,800 | 3,200 |       | 271   | 10    | 11    | 20     | 259  | 24   | 400   |
| 31  | 1,540 |       | 4,650 | 3,520 |       | 271   |       | 12    |        | 266  | 22   |       |

| MEAN<br>ACRE-<br>FEET | 742    | 2,287   | 4,335   | 4,113   | 4,809   | 1,168  | 152   | 73.7  | 1,265  | 258    | 196    | 366    |
|-----------------------|--------|---------|---------|---------|---------|--------|-------|-------|--------|--------|--------|--------|
| ACRE-<br>FEET         | 45,640 | 136,100 | 266,600 | 252,900 | 276,600 | 71,850 | 9,050 | 4,530 | 75,260 | 15,850 | 12,050 | 21,790 |

U. S. GOVERNMENT PRINTING OFFICE 6-7149  
 SNAKE RIVER NEAR MILNER, IDAHO  
 YEAR OR PERIOD MEAN  
 1,637  
 1,188,000  
 Plate No. 69