

WATER DISTRIBUTION  
AND HYDROMETRIC WORK

DISTRICT NO. 36

SNAKE RIVER, IDAHO

1954



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## INTRODUCTION

The annual meeting of Water District No. 36 was held at Idaho Falls on March 1, 1954. Lynn Crandall was re-elected watermaster for his 25th consecutive term of office, and the following were elected as members of the Committee of Nine:

N. V. Sharp, Chairman; Leonard Graham, Vice-Chairman; Alex Coleman, Secretary; Chas. Welteroth, Roy Marquess, R. Willis Walker, Clifford Scoresby, George D. Hansen, and Leo Murdock. Advisory members: Merle Tillery representing U. S. Bureau of Reclamation, and E. G. Gooding representing American Falls Reservoir District No. 2.

Principal resolutions adopted at the annual meeting included the following:

1. Fixed stored water transmission losses as follows:  $2\frac{1}{2}\%$  Moran to Heise; 4.4% Heise to Lorenzo; 0.5% Lorenzo to Woodville, 6% Woodville to Blackfoot; 4% Lake to Island Park; 2% Island Park to Warm River; 0.5% Warm River to Ashton.
2. Adopted a budget of \$43,610 to cover expenses of operation of the District during the ensuing year, of which it was estimated that \$15,000 would be received from State and Federal stream gaging funds.
3. Requested Congress to provide funds for a comprehensive investigation of flood control problems on the upper Snake and tributaries.

Construction operations at Palisades dam moved ahead on schedule during the year. The river channel was closed off and the full river flow diverted thru the tunnels at the damsite on August 6, 1954. The earth fill, subsequent to that date, was carried to sufficient elevation so that the floodwaters in 1955 can all be carried



thru the tunnels. A few repayment contracts still remain to be negotiated or completed.

Again, as for a number of years past, water supplies were ample to meet all needs that could be supplied with stored water and reservoir holdovers at the close of the 1954 irrigation season were substantially greater than a year earlier.

Water spilled past Milner in excess of Idaho Power Company rights during the year ending September 30, 1954 amounted to about 770,000 acre-feet compared to a similar spill of 1,156,000 acre-feet in 1953. Most of the 1954 spill occurred prior to the beginning of the irrigation season, but little water being spilled thereafter.

From mid-April to July 7 the inflow to American Falls reservoir was, on an average, in close balance with downstream demands. About 50,000 acre-feet of storage was drawn from American Falls reservoir May 6-20 to fill demands, including Idaho Power Company requests for deliveries past Milner. The reservoir refilled to capacity on May 25 and spilled some water during the balance of May. About 110,000 acre-feet of American Falls storage was again used June 1-26. The reservoir again refilled on July 2 and no further storage draft was necessary until July 8. No storage charges to individual users were made for storage used during May and June prior to the final refilling of the reservoir. Only about 8,000 acre-feet of surplus water was spilled past Milner after the final refilling of the reservoir on July 2.

Storage draft which began on July 8 continued thruout the balance of the season to September 30.

The cooperative investigation with the U. S. Geological Survey of groundwater conditions adjacent to American Falls reservoir was



continued thruout the year. The cost of this work for the year was paid, \$1500 by Water District No. 36 and \$1500 by the Geological Survey. The \$1500 paid by Water District No. 36 was apportioned as a special charge to the waterusers concerned on the basis of distribution as set forth in the 1952 annual report. A discussion of the situation regarding ground water inflow to American Falls reservoir appears on page 29 of this report.

#### PERSONNEL

The persons engaged in water distribution during 1954 were as follows:

|                  |                                                    |
|------------------|----------------------------------------------------|
| Lynn Crandall    | Watermaster and Deputy Com. of Reclamation         |
| Henry C. Eagle   | Hydraulic Engineer and Deputy Watermaster          |
| Melvin Luke      | Deputy Watermaster and Hydrographer at St. Anthony |
| Oleen Dummer     | Hydrographer                                       |
| A. H. Bush       | Hydrographer                                       |
| Charlotte M. Elg | Clerk                                              |
| C. Drue Cooper   | Deputy Watermaster & Hydrographer, Teton Basin     |
| Seth Hansen      | Deputy Watermaster, Teton Basin                    |
| Joe Bohi         | Deputy Watermaster, Lower Teton River              |
| S. B. Garrett    | Deputy Watermaster, Henrys Fork                    |
| Elmer Lenz       | Deputy Watermaster, Upper Fall River               |
| D. R. Anthony    | Deputy Watermaster, Heise Division                 |
| Gale M. Bramwell | Deputy Watermaster, Rigby Division                 |
| R. W. Milligan   | Deputy Watermaster, Idaho Falls Division           |
| Carl J. Anderson | Deputy Watermaster, Blackfoot Division             |
| R. H. Seymour    | Deputy Watermaster and Hydrographer, Milner Dam    |
| F. S. Thomas     | Deputy Watermaster, Swan Valley Division           |
| M. L. Tillery    | Supt. Minidoka Project, Bureau of Reclamation      |
| A. W. Heath      | Supt. Am. Falls Res., Bureau of Reclamation        |
| James L. Braman  | Supt. Jackson Lake, Bureau of Reclamation          |
| S. Geo. Pilcher  | Supt. Island Park Res., Bureau of Reclamation      |

Gage Readers: Foster B. Randall, F. S. Cowley, Mrs. Irvin Siepert, D. R. Anthony, J. T. Hobbs, Jos. H. Bahr, Jr., Darrell Washam, T. E. Culley, Earl D. Sears, Oscar Green, Wm. Hall, B. Prisock, Geo. Carre', Lynn Miskin, G. A. Smith, A. C. McLane.

#### 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.

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>Moran (Snake River)</u> |        |     |        |      |        |      |         |      |
| 1946                       |        |     |        |      |        |      | 31      | 11.2 |
| 1947                       |        |     |        |      |        |      | 31      | 9.6  |
| 1948                       |        |     |        |      |        |      | 37      | 10.5 |
| 1949                       |        |     |        |      |        |      | 40      | 14.5 |
| 1950                       |        |     |        |      |        |      | 45      | 13.1 |
| 1951                       | 30     | 6.1 | 40     | 9.8  | 41     | 12.7 | 37      | 12.4 |
| 1952                       | 34     | 7.4 | 39     | 10.4 | 45     | 12.8 | 44      | 14.4 |
| 1953                       | 19     | 4.1 | 38     | 10.6 | 42     | 12.4 | 35      | 12.7 |
| 1954                       | 19     | 4.6 | 37     | 10.4 | 42     | 13.0 | 46      | 14.5 |
| Normal                     | 22     | 4.4 | 31     | 7.9  | 37     | 10.3 | 33      | 11.6 |

|                                   |    |     |    |      |    |      |    |      |
|-----------------------------------|----|-----|----|------|----|------|----|------|
| <u>Moran Canyon (Snake River)</u> |    |     |    |      |    |      |    |      |
| 1946                              |    |     |    |      |    |      | 64 | 22.6 |
| 1947                              |    |     |    |      |    |      | 68 | 24.1 |
| 1948                              |    |     |    |      |    |      | 66 | 22.1 |
| 1949                              |    |     |    |      |    |      | 65 | 23.9 |
| 1950                              |    |     |    |      |    |      | 67 | 21.9 |
| 1951                              | -  | -   | 53 | 15.8 | 64 | 21.8 | 68 | 25.7 |
| 1952                              | -  | -   | 59 | 16.4 | 62 | 20.3 | 70 | 24.1 |
| 1953                              | -  | -   | 57 | 16.7 | 73 | 22.8 | 61 | 24.2 |
| 1954                              | -  | -   | 51 | 14.5 | 61 | 19.4 | 72 | 23.1 |
| Normal                            | 35 | 7.2 | 48 | 12.9 | 57 | 17.7 | 60 | 21.1 |

|                                      |    |      |    |      |    |      |    |      |
|--------------------------------------|----|------|----|------|----|------|----|------|
| <u>Arizona Station (Snake River)</u> |    |      |    |      |    |      |    |      |
| 1946                                 |    |      |    |      |    |      | 57 | 20.5 |
| 1947                                 |    |      |    |      |    |      | 51 | 17.2 |
| 1948                                 |    |      |    |      |    |      | 59 | 18.6 |
| 1949                                 |    |      |    |      |    |      | 60 | 22.1 |
| 1950                                 |    |      |    |      |    |      | 62 | 20.5 |
| 1951                                 | 27 | 6.3  | 47 | 11.9 | 51 | 16.2 | 48 | 16.3 |
| 1952                                 | 48 | 11.2 | 55 | 15.8 | 64 | 20.0 | 68 | 24.3 |
| 1953                                 | 25 | 5.4  | 50 | 13.8 | 62 | 18.7 | 51 | 19.8 |
| 1954                                 | 23 | 5.7  | 46 | 12.9 | 57 | 17.5 | 65 | 20.9 |
| Normal                               | 32 | 6.5  | 43 | 11.4 | 51 | 15.4 | 51 | 17.7 |

|                                         |    |      |    |      |    |      |    |      |
|-----------------------------------------|----|------|----|------|----|------|----|------|
| <u>Huckleberry Divide (Snake River)</u> |    |      |    |      |    |      |    |      |
| 1946                                    |    |      |    |      |    |      | 52 | 20.2 |
| 1947                                    |    |      |    |      |    |      | 59 | 18.9 |
| 1948                                    |    |      |    |      |    |      | 61 | 18.4 |
| 1949                                    |    |      |    |      |    |      | 70 | 24.7 |
| 1950                                    |    |      |    |      |    |      | 77 | 24.0 |
| 1951                                    | 30 | 7.1  | 50 | 13.0 | 58 | 17.2 | 58 | 20.2 |
| 1952                                    | 48 | 11.0 | 59 | 16.7 | 65 | 21.0 | 73 | 24.8 |
| 1953                                    | 27 | 6.2  | 52 | 15.1 | 65 | 19.5 | 53 | 20.0 |
| 1954                                    | 26 | 6.5  | 48 | 12.6 | 55 | 17.0 | 69 | 21.0 |
| Normal                                  | 35 | 7.3  | 46 | 12.4 | 57 | 16.8 | 61 | 19.6 |



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>Snake River Station (Snake River)</u> |        |      |        |      |        |      |         |      |
| 1946                                     |        |      |        |      |        |      | 58      | 20.8 |
| 1947                                     |        |      |        |      |        |      | 58      | 19.7 |
| 1948                                     |        |      |        |      |        |      | 67      | 20.7 |
| 1949                                     |        |      |        |      |        |      | 77      | 26.8 |
| 1950                                     |        |      |        |      |        |      | 74      | 23.5 |
| 1951                                     | 32     | 7.7  | 54     | 14.3 | 63     | 19.5 | 63      | 23.2 |
| 1952                                     | 50     | 11.9 | 60     | 16.4 | 65     | 20.3 | 75      | 24.7 |
| 1953                                     | 30     | 5.9  | 52     | 14.7 | 66     | 20.0 | 54      | 21.1 |
| 1954                                     | 29     | 7.0  | 51     | 14.4 | 60     | 18.9 | 77      | 24.1 |
| Normal                                   | 35     | 7.3  | 47     | 12.6 | 57     | 17.2 | 61      | 20.1 |

|                                        |    |      |     |      |     |      |     |      |
|----------------------------------------|----|------|-----|------|-----|------|-----|------|
| <u>Lewis Lake Divide (Snake River)</u> |    |      |     |      |     |      |     |      |
| 1946                                   |    |      |     |      |     |      | 115 | 46.4 |
| 1947                                   |    |      |     |      |     |      | 126 | 48.9 |
| 1948                                   |    |      |     |      |     |      | 105 | 37.4 |
| 1949                                   |    |      |     |      |     |      | 130 | 52.1 |
| 1950                                   |    |      |     |      |     |      | 143 | 53.0 |
| 1951                                   | 70 | 21.2 | 99  | 32.3 | 116 | 42.2 | 117 | 50.4 |
| 1952                                   | 88 | 25.2 | 112 | 36.2 | 122 | 45.8 | 129 | 52.8 |
| 1953                                   | 53 | 12.1 | 103 | 31.2 | 110 | 39.8 | 106 | 45.1 |
| 1954                                   | 53 | 14.9 | 106 | 31.9 | 116 | 41.2 | 143 | 52.3 |
| Normal                                 | 62 | 15.6 | 83  | 26.5 | 102 | 35.3 | 113 | 43.4 |

|                                  |    |      |    |      |    |      |     |      |
|----------------------------------|----|------|----|------|----|------|-----|------|
| <u>Aster Creek (Snake River)</u> |    |      |    |      |    |      |     |      |
| 1946                             |    |      |    |      |    |      | 90  | 33.7 |
| 1947                             |    |      |    |      |    |      | 97  | 36.2 |
| 1948                             |    |      |    |      |    |      | 83  | 27.2 |
| 1949                             |    |      |    |      |    |      | 109 | 41.5 |
| 1950                             |    |      |    |      |    |      | 116 | 43.6 |
| 1951                             | -  | -    | 76 | 24.5 | 94 | 31.9 | 97  | 39.9 |
| 1952                             | 74 | 19.4 | 97 | 29.9 | 99 | 34.5 | 102 | 41.3 |
| 1953                             | 41 | 9.1  | 84 | 24.5 | 85 | 30.7 | 80  | 33.0 |
| 1954                             | 35 | 9.3  | 81 | 23.4 | 90 | 31.0 | 112 | 33.0 |
| Normal                           | 46 | 11.1 | 63 | 19.0 | 75 | 25.5 | 85  | 31.8 |

|                                   |    |      |    |      |    |      |    |      |
|-----------------------------------|----|------|----|------|----|------|----|------|
| <u>Colter Creek (Snake River)</u> |    |      |    |      |    |      |    |      |
| 1946                              |    |      |    |      |    |      | 60 | 22.5 |
| 1947                              |    |      |    |      |    |      | -  | -    |
| 1948                              |    |      |    |      |    |      | -  | -    |
| 1949                              |    |      |    |      |    |      | -  | -    |
| 1950                              |    |      |    |      |    |      | 75 | 27.3 |
| 1951                              | 38 | 8.6  | 56 | 16.0 | 67 | 21.8 | 70 | 25.6 |
| 1952                              | 58 | 14.0 | 63 | 18.2 | 66 | 23.8 | 80 | 26.3 |
| 1953                              | 30 | 5.9  | 60 | 17.5 | 65 | 22.0 | 60 | 23.9 |
| 1954                              | 36 | 9.0  | 59 | 16.8 | 73 | 25.2 | 83 | 28.5 |
| Normal                            | 39 | 8.2  | 51 | 14.2 | 63 | 19.1 | 63 | 22.6 |



| <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>Glade Creek (Snake River)</u> |               |          |               |          |               |          |                |          |
| 1946                             |               |          |               |          |               |          | 67             | 24.4     |
| 1947                             |               |          |               |          |               |          | 74             | 23.6     |
| 1948                             |               |          |               |          |               |          | 72             | 23.1     |
| 1949                             |               |          |               |          |               |          | 80             | 29.0     |
| 1950                             |               |          |               |          |               |          | 74             | 25.3     |
| 1951                             | 40            | 9.4      | 51            | 15.1     | 68            | 21.1     | 68             | 24.8     |
| 1952                             | 52            | 12.8     | 65            | 18.1     | 71            | 23.5     | 84             | 28.2     |
| 1953                             | 34            | 6.8      | 56            | 16.8     | 61            | 20.6     | 61             | 22.4     |
| 1954                             | 30            | 7.3      | 54            | 15.2     | 62            | 19.9     | 75             | 24.8     |
| Normal                           | 40            | 8.7      | 52            | 14.9     | 64            | 19.7     | 66             | 23.4     |

| <u>Year</u>                           | <u>Feb. 1-6</u> |          | <u>Mar. 1</u> |          | <u>Mar. 23-29</u> |          |
|---------------------------------------|-----------------|----------|---------------|----------|-------------------|----------|
|                                       | <u>S</u>        | <u>W</u> | <u>S</u>      | <u>W</u> | <u>S</u>          | <u>W</u> |
| <u>Turpin Meadows (Buffalo River)</u> |                 |          |               |          |                   |          |
| 1945                                  | 28              | 6.0      |               |          | 37                | 8.6      |
| 1946                                  | 35              | 7.2      |               |          | 34                | 9.4      |
| 1947                                  | 31              | 7.7      | 39            | 9.2      | 32                | 8.8      |
| 1948                                  | 31              | 7.5      | -             | -        | 42                | 10.0     |
| 1949                                  | 36              | 9.2      | -             | -        | 37                | 12.3     |
| 1950                                  | 32              | 7.1      | -             | -        | 51                | 13.0     |
| 1951                                  | 36              | 8.6      | 44            | 12.4     | 44                | 13.4     |
| 1952                                  | 34              | 8.5      | 40            | 10.2     | 48                | 13.5     |
| 1953                                  | 34              | 8.4      | 36            | 11.1     | 48                | 13.5     |
| 1954                                  | 32              | 7.9      | 39            | 10.8     | 46                | 12.6     |
| Normal                                | 29              | 6.8      | 33            | 8.5      | 38                | 10.8     |

|                                          |    |      |    |      |    |      |
|------------------------------------------|----|------|----|------|----|------|
| <u>Four Mile Meadows (Buffalo River)</u> |    |      |    |      |    |      |
| 1945                                     | 37 | 8.6  |    |      | 48 | 13.0 |
| 1946                                     | 42 | 9.6  |    |      | 45 | 13.4 |
| 1947                                     | 40 | 10.0 | 47 | 11.6 | 48 | 12.8 |
| 1948                                     | 34 | 8.6  | -  | -    | 48 | 12.3 |
| 1949                                     | 40 | 10.0 | -  | -    | 50 | 15.1 |
| 1950                                     | 46 | 11.1 | -  | -    | 63 | 16.8 |
| 1951                                     | 41 | 10.3 | 49 | 14.5 | 52 | 16.4 |
| 1952                                     | 42 | 10.4 | 50 | 13.4 | 59 | 15.9 |
| 1953                                     | 36 | 8.8  | 38 | 11.2 | 40 | 12.5 |
| 1954                                     | 37 | 9.6  | 42 | 11.4 | 52 | 14.6 |
| Normal                                   | 34 | 8.3  | 41 | 10.7 | 46 | 13.3 |

|                                   |    |      |    |      |    |      |
|-----------------------------------|----|------|----|------|----|------|
| <u>Black Rock (Buffalo River)</u> |    |      |    |      |    |      |
| 1945                              | 39 | 10.0 |    |      | 62 | 19.3 |
| 1946                              | 62 | 15.3 |    |      | 66 | 22.9 |
| 1947                              | 63 | 19.2 | 73 | 22.2 | 76 | 28.2 |
| 1948                              | 48 | 14.3 | -  | -    | 69 | 20.3 |
| 1949                              | 52 | 15.7 | -  | -    | 72 | 23.6 |
| 1950                              | 67 | 18.4 | -  | -    | 89 | 28.9 |
| 1951                              | 64 | 18.5 | 72 | 25.8 | 79 | 30.2 |
| 1952                              | 58 | 16.0 | 65 | 19.8 | 78 | 24.7 |
| 1953                              | 53 | 14.2 | 53 | 18.1 | 56 | 20.2 |
| 1954                              | 55 | 15.7 | 64 | 19.3 | 76 | 24.4 |
| Normal                            | 46 | 12.5 | 55 | 16.9 | 67 | 22.3 |



| Year                                  | Feb. 1-6 |      | Mar. 1 |      | Mar. 23-29 |      |
|---------------------------------------|----------|------|--------|------|------------|------|
|                                       | S        | W    | S      | W    | S          | W    |
| <u>Twoqwotee Pass (Buffalo River)</u> |          |      |        |      |            |      |
| 1945                                  | 48       | 13.4 |        |      | 69         | 26.1 |
| 1946                                  | 70       | 19.7 |        |      | 78         | 28.8 |
| 1947                                  | 76       | 23.7 | 90     | 28.4 | 86         | 33.3 |
| 1948                                  | 56       | 17.6 | -      | -    | 81         | 27.4 |
| 1949                                  | 64       | 20.9 | -      | -    | 90         | 32.1 |
| 1950                                  | 88       | 26.4 | 92     | 31.7 | 116        | 38.4 |
| 1951                                  | 79       | 23.9 | 92     | 32.4 | 100        | 39.9 |
| 1952                                  | 72       | 20.8 | 78     | 25.9 | 94         | 32.2 |
| 1953                                  | 67       | 18.7 | 69     | 24.4 | 71         | 27.3 |
| 1954                                  | 70       | 21.1 | 84     | 26.3 | 103        | 34.7 |
| Normal                                | 62       | 18.8 | 71     | 22.9 | 82         | 29.1 |

| Year                                   | Jan. 1 |      | Feb. 1 |      | Mar. 1 |      | April 1 |      |
|----------------------------------------|--------|------|--------|------|--------|------|---------|------|
|                                        | S      | W    | S      | W    | S      | W    | S       | W    |
| <u>Valley View Ranch (Henrys Fork)</u> |        |      |        |      |        |      |         |      |
| 1945                                   | 22     | 2.8  | -      | -    | -      | -    | 38      | 10.0 |
| 1946                                   | 34     | 7.2  | -      | -    | 46     | 12.4 | 50      | 15.5 |
| 1947                                   | 37     | 8.8  | 43     | 11.2 | 49     | 13.4 | 46      | 14.3 |
| 1948                                   | 26     | 4.7  | 32     | 6.6  | 39     | 8.8  | 50      | 12.8 |
| 1949                                   | 33     | 8.0  | 42     | 10.7 | 60     | 17.3 | 56      | 18.8 |
| 1950                                   | 32     | 6.2  | 45     | 12.0 | 52     | 15.3 | 62      | 19.5 |
| 1951                                   | 17     | 3.4  | 31     | 7.4  | 45     | 10.3 | 48      | 14.9 |
| 1952                                   | 49     | 11.6 | 67     | 19.5 | 70     | 23.8 | 81      | 30.0 |
| 1953                                   | 31     | 5.4  | 38     | 9.7  | 46     | 12.9 | 44      | 15.6 |
| 1954                                   | 19     | 2.4  | 46     | 8.2  | 45     | 12.4 | 47      | 15.4 |
| Normal                                 | 26     | 4.9  | 40     | 9.9  | 48     | 13.4 | 49      | 15.5 |

|                                  |    |      |    |      |    |      |    |      |
|----------------------------------|----|------|----|------|----|------|----|------|
| <u>Big Springs (Henrys Fork)</u> |    |      |    |      |    |      |    |      |
| 1945                             | 26 | 3.6  | 30 | 7.0  | 49 | 13.3 | 54 | 16.4 |
| 1946                             | 47 | 9.9  | 54 | 13.6 | 60 | 18.7 | 65 | 23.2 |
| 1947                             | 44 | 12.3 | 52 | 15.0 | 58 | 17.5 | 58 | 20.7 |
| 1948                             | 32 | 7.4  | 39 | 10.1 | 48 | 13.2 | 59 | 18.1 |
| 1949                             | 43 | 11.3 | 53 | 15.1 | 77 | 26.4 | 75 | 27.8 |
| 1950                             | 37 | 7.1  | 55 | 14.9 | 65 | 20.4 | 74 | 25.9 |
| 1951                             | 27 | 6.1  | 45 | 13.0 | 68 | 18.8 | 62 | 22.4 |
| 1952                             | 57 | 12.5 | 79 | 24.0 | 86 | 31.0 | 91 | 34.7 |
| 1953                             | 39 | 7.0  | 52 | 14.5 | 60 | 18.9 | 55 | 21.7 |
| 1954                             | 32 | 6.1  | 59 | 14.1 | 62 | 20.8 | 64 | 24.7 |
| Normal                           | 33 | 7.0  | 50 | 13.0 | 61 | 18.6 | 62 | 21.5 |

|                                  |    |      |    |      |    |      |    |      |
|----------------------------------|----|------|----|------|----|------|----|------|
| <u>Island Park (Henrys Fork)</u> |    |      |    |      |    |      |    |      |
| 1945                             | 22 | 3.1  | 26 | 5.2  | 42 | 10.5 | 35 | 11.3 |
| 1946                             | 36 | 8.0  | 45 | 10.2 | 53 | 14.4 | 50 | 17.1 |
| 1947                             | 37 | 8.9  | 42 | 10.6 | 47 | 13.8 | 46 | 15.1 |
| 1948                             | 26 | 5.6  | 31 | 8.0  | 44 | 10.2 | 49 | 13.8 |
| 1949                             | 37 | 8.4  | 43 | 11.6 | 66 | 21.8 | 66 | 22.5 |
| 1950                             | 31 | 5.9  | 49 | 12.8 | 52 | 17.3 | 65 | 21.6 |
| 1951                             | 20 | 4.0  | 35 | 9.1  | 57 | 12.9 | 53 | 17.6 |
| 1952                             | 52 | 11.1 | 68 | 19.7 | 75 | 26.4 | 82 | 30.6 |
| 1953                             | 34 | 6.2  | 44 | 11.1 | 50 | 15.1 | 41 | 16.2 |
| 1954                             | 26 | 4.5  | 48 | 12.4 | 51 | 15.5 | 50 | 16.8 |
| Normal                           | 28 | 5.5  | 42 | 10.2 | 52 | 14.7 | 50 | 16.3 |



| Year                            | Jan. 1 |      | Feb. 1 |      | Mar. 1 |      | April 1 |      |
|---------------------------------|--------|------|--------|------|--------|------|---------|------|
|                                 | S      | W    | S      | W    | S      | W    | S       | W    |
| <u>Grassy Lake (Fall River)</u> |        |      |        |      |        |      |         |      |
| 1945                            | 60     | 11.1 | 60     | 17.1 | 79     | 27.3 | 84      | 31.6 |
| 1946                            | 66     | 17.8 | 90     | 24.2 | 89     | 31.2 | 87      | 35.3 |
| 1947                            | 49     | 13.5 | 63     | 19.2 | 65     | 22.7 | 77      | 29.2 |
| 1948                            | 51     | 16.2 | 56     | 20.4 | 80     | 27.6 | 100     | 35.6 |
| 1949                            | 71     | 20.7 | 70     | 25.0 | 102    | 37.2 | 112     | 44.3 |
| 1950                            | 44     | 11.2 | 68     | 19.8 | 89     | 29.0 | 101     | 37.7 |
| 1951                            | 64     | 16.0 | 72     | 22.6 | 96     | 32.0 | 91      | 36.0 |
| 1952                            | 73     | 19.3 | 90     | 28.0 | 103    | 35.5 | 121     | 45.6 |
| 1953                            | 50     | 11.1 | 79     | 25.6 | 87     | 32.2 | 84      | 35.8 |
| 1954                            | 48     | 11.5 | 75     | 22.4 | 82     | 29.2 | 100     | 35.6 |
| Normal                          | 55     | 14.7 | 70     | 22.2 | 85     | 29.8 | 88      | 34.1 |

|                                 |    |      |    |      |     |      |     |      |
|---------------------------------|----|------|----|------|-----|------|-----|------|
| <u>Teton Pass (Teton River)</u> |    |      |    |      |     |      |     |      |
| 1945                            | 51 | 10.1 | 54 | 15.6 | 77  | 24.1 | 95  | 30.8 |
| 1946                            | 61 | 18.9 | 83 | 24.5 | 87  | 31.1 | 92  | 34.5 |
| 1947                            | 66 | 21.8 | 78 | 27.0 | 89  | 31.0 | 107 | 42.0 |
| 1948                            | 50 | 14.1 | 59 | 20.8 | 80  | 26.8 | 96  | 30.5 |
| 1949                            | 70 | 22.9 | 78 | 28.1 | 106 | 42.4 | 128 | 49.9 |
| 1950                            | 43 | 13.5 | 76 | 23.7 | 101 | 33.1 | 130 | 43.6 |
| 1951                            | 44 | 12.9 | 92 | 29.1 | 96  | 34.9 | 100 | 40.4 |
| 1952                            | 80 | 21.0 | 92 | 31.2 | 104 | 38.9 | 122 | 45.9 |
| 1953                            | 44 | 11.6 | 78 | 24.9 | 83  | 30.2 | 91  | 36.9 |
| 1954                            | 48 | 11.9 | 79 | 20.7 | 82  | 28.6 | 111 | 37.4 |
| Normal                          | 52 | 14.4 | 73 | 22.8 | 90  | 31.1 | 103 | 38.0 |

|                                 |    |      |    |      |    |      |    |      |
|---------------------------------|----|------|----|------|----|------|----|------|
| <u>State Line (Teton River)</u> |    |      |    |      |    |      |    |      |
| 1945                            | 31 | 5.6  | 28 | 7.0  | 39 | 10.3 | 45 | 13.1 |
| 1946                            | 30 | 7.1  | 49 | 11.0 | 46 | 13.2 | 40 | 14.0 |
| 1947                            | 22 | 6.1  | 35 | 8.8  | 39 | 11.0 | 33 | 11.0 |
| 1948                            | 27 | 5.8  | 37 | 7.2  | 40 | 9.9  | 47 | 13.1 |
| 1949                            | 38 | 10.3 | 44 | 12.8 | 55 | 19.4 | 60 | 21.7 |
| 1950                            | 17 | 4.6  | 36 | 9.2  | 43 | 12.2 | 59 | 18.3 |
| 1951                            | 22 | 4.9  | 51 | 13.2 | 48 | 14.4 | 49 | 17.3 |
| 1952                            | 42 | 9.7  | 49 | 14.6 | 56 | 18.3 | 60 | 20.0 |
| 1953                            | 24 | 5.3  | 42 | 11.1 | 45 | 14.2 | 42 | 16.1 |
| 1954                            | 26 | 4.6  | 43 | 7.9  | 42 | 13.0 | 61 | 18.9 |
| Normal                          | 27 | 5.8  | 40 | 9.9  | 46 | 13.6 | 47 | 16.1 |

|                                |    |     |   |   |    |      |    |      |
|--------------------------------|----|-----|---|---|----|------|----|------|
| <u>East Rim (Hoback River)</u> |    |     |   |   |    |      |    |      |
| 1945                           | -  | -   | - | - | 31 | 6.8  | 33 | 8.6  |
| 1946                           | -  | -   | - | - | 39 | 9.5  | 41 | 11.6 |
| 1947                           | -  | -   | - | - | 32 | 8.2  | 35 | 9.7  |
| 1948                           | -  | -   | - | - | 31 | 9.1  | 34 | 7.7  |
| 1949                           | -  | -   | - | - | 41 | 11.4 | 42 | 12.5 |
| 1950                           | -  | -   | - | - | 46 | 15.8 | 54 | 17.4 |
| 1951                           | -  | -   | - | - | 55 | 14.7 | 49 | 17.1 |
| 1952                           | -  | -   | - | - | 38 | 12.0 | 43 | 15.3 |
| 1953                           | -  | -   | - | - | 34 | 11.4 | 33 | 10.4 |
| 1954                           | -  | -   | - | - | 36 | 8.9  | 47 | 15.4 |
| Normal                         | 17 | 3.4 | - | - | 37 | 10.2 | 40 | 12.0 |



| Year                             | Jan. 1 |     | Feb. 1 |      | Mar. 1 |      | April 1 |      |
|----------------------------------|--------|-----|--------|------|--------|------|---------|------|
|                                  | S      | W   | S      | W    | S      | W    | S       | W    |
| <u>Bryan Flat (Hoback River)</u> |        |     |        |      |        |      |         |      |
| 1945                             | 22     | 3.5 | 23     | 4.0  | 28     | 7.7  | 31      | 7.7  |
| 1946                             | 25     | 5.4 | 35     | 7.2  | 38     | 7.2  | 33      | 9.4  |
| 1947                             | 18     | 4.1 | 25     | 6.5  | 25     | 7.4  | 24      | 9.0  |
| 1948                             | 17     | 4.1 | 22     | 4.1  | 31     | 7.1  | 29      | 7.8  |
| 1949                             | 30     | 6.9 | 38     | 9.3  | 46     | 14.5 | 46      | 15.9 |
| 1950                             | 13     | 2.0 | 28     | 7.9  | 31     | 9.9  | 33      | 11.4 |
| 1951                             | 26     | 4.4 | 34     | 7.7  | 43     | 10.0 | 42      | 14.8 |
| 1952                             | 36     | 7.3 | 36     | 10.4 | 43     | 13.4 | 45      | 16.3 |
| 1953                             | 17     | 3.5 | 25     | 8.0  | 27     | 9.6  | 29      | 12.5 |
| 1954                             | 12     | 2.4 | 31     | 7.7  | 35     | 9.4  | 44      | 14.5 |
| Normal                           | 19     | 3.9 | 28     | 6.7  | 34     | 9.4  | 33      | 11.0 |

|                                              |    |     |    |     |    |     |    |     |
|----------------------------------------------|----|-----|----|-----|----|-----|----|-----|
| <u>Yellowjacket Flat (Gros Ventre River)</u> |    |     |    |     |    |     |    |     |
| 1944                                         | -  | -   | -  | -   | 16 | 1.0 | 20 | 4.7 |
| 1946                                         | -  | -   | -  | -   | 26 | 5.9 | 28 | 5.7 |
| 1947                                         | -  | -   | -  | -   | 24 | 5.4 | 25 | 5.9 |
| 1948                                         | -  | -   | -  | -   | 21 | 4.7 | 22 | 4.9 |
| 1949                                         | -  | -   | 27 | 4.8 | 30 | 6.9 | 30 | 8.2 |
| 1950                                         | -  | -   | -  | -   | 25 | 6.0 | 26 | 8.3 |
| 1951                                         | -  | -   | 35 | 7.3 | 38 | 8.0 | 38 | 9.8 |
| 1952                                         | -  | -   | -  | -   | 27 | 5.6 | 30 | 7.1 |
| 1953                                         | -  | -   | 20 | 4.6 | 23 | 5.4 | 16 | 3.2 |
| 1954                                         | -  | -   | -  | -   | 28 | 6.5 | 31 | 7.9 |
| Normal                                       | 11 | 1.9 | 21 | 4.0 | 27 | 6.0 | 27 | 6.8 |

|                                        |    |     |    |      |    |      |    |      |
|----------------------------------------|----|-----|----|------|----|------|----|------|
| <u>Grover Park Divide (Salt River)</u> |    |     |    |      |    |      |    |      |
| 1945                                   | 31 | 4.2 | 28 | 5.4  | 32 | 8.2  | 42 | 11.2 |
| 1946                                   | 25 | 4.1 | 44 | 8.0  | 39 | 10.0 | 32 | 9.1  |
| 1947                                   | 20 | 4.8 | 30 | 6.8  | 34 | 8.1  | 26 | 8.3  |
| 1948                                   | 18 | 4.0 | 23 | 5.4  | 29 | 6.6  | 37 | 9.5  |
| 1949                                   | 29 | 6.8 | 35 | 8.9  | 42 | 12.6 | 42 | 13.4 |
| 1950                                   | 18 | 3.9 | 36 | 9.8  | 40 | 12.2 | 51 | 16.6 |
| 1951                                   | 14 | 3.8 | 39 | 8.2  | 35 | 10.1 | 36 | 12.5 |
| 1952                                   | 35 | 7.6 | 39 | 10.7 | 46 | 14.0 | 53 | 15.9 |
| 1953                                   | 18 | 3.7 | 36 | 8.8  | 32 | 10.2 | 31 | 10.6 |
| 1954                                   | 18 | 3.9 | 25 | 6.6  | 29 | 7.9  | 46 | 13.4 |
| Normal                                 | 22 | 4.4 | 32 | 7.6  | 35 | 10.1 | 38 | 11.6 |

|                                   |    |     |    |      |    |      |    |      |
|-----------------------------------|----|-----|----|------|----|------|----|------|
| <u>CCC Camp FF12 (Salt River)</u> |    |     |    |      |    |      |    |      |
| 1945                              | -  | -   | 26 | 5.3  | 34 | 9.3  | 40 | 10.5 |
| 1946                              | 24 | 4.6 | 32 | 7.1  | 38 | 8.5  | 32 | 9.0  |
| 1947                              | 25 | 5.3 | 37 | 8.4  | 38 | 9.9  | 32 | 10.6 |
| 1948                              | 16 | 3.5 | 25 | 5.9  | 33 | 8.2  | 35 | 9.5  |
| 1949                              | 27 | 6.4 | 34 | 8.5  | 42 | 12.0 | 38 | 12.5 |
| 1950                              | 16 | 3.4 | 45 | 11.3 | 41 | 12.8 | 47 | 16.1 |
| 1951                              | 19 | 4.4 | 33 | 8.0  | 39 | 10.9 | 42 | 13.7 |
| 1952                              | 35 | 7.8 | 40 | 11.2 | 45 | 13.5 | 49 | 16.0 |
| 1953                              | 16 | 3.4 | 36 | 8.8  | 31 | 9.4  | 31 | 10.9 |
| 1954                              | 21 | 4.7 | 30 | 7.9  | 32 | 9.5  | 46 | 12.9 |
| Normal                            | 21 | 4.5 | 32 | 7.6  | 36 | 10.1 | 38 | 11.9 |



| Year                                | Jan. 1 |     | Feb. 1 |      | Mar. 1 |      | April 1 |      |
|-------------------------------------|--------|-----|--------|------|--------|------|---------|------|
|                                     | S      | W   | S      | W    | S      | W    | S       | W    |
| <u>Deadman Ranch (Greys River)</u>  |        |     |        |      |        |      |         |      |
| 1945                                | 28     | 4.0 | 26     | 4.0  | 33     | 8.8  | 32      | 8.5  |
| 1946                                | 29     | 3.9 | 34     | 7.5  | 37     | 10.6 | 25      | 9.2  |
| 1947                                | 20     | 6.5 | 28     | 5.7  | 27     | 7.8  | 18      | 6.3  |
| 1948                                | -      | -   | -      | -    | 33     | 7.8  | 33      | 9.5  |
| 1949                                | -      | -   | -      | -    | 38     | 11.5 | 34      | 12.2 |
| 1950                                | -      | -   | -      | -    | 33     | 12.2 | 47      | 14.5 |
| 1951                                | -      | -   | -      | -    | 36     | 12.2 | 37      | 13.0 |
| 1952                                | -      | -   | -      | -    | 43     | 11.9 | 42      | 13.3 |
| 1953                                | -      | -   | -      | -    | 35     | 11.5 | 28      | 10.1 |
| 1954                                | -      | -   | -      | -    | 34     | 10.4 | 37      | 13.9 |
| Normal                              | 20     | 3.4 | 30     | 6.4  | 35     | 10.1 | 32      | 10.2 |
| <u>Greys Boundary (Greys River)</u> |        |     |        |      |        |      |         |      |
| 1945                                | 26     | 4.8 | 25     | 5.5  | 32     | 9.1  | 40      | 13.1 |
| 1946                                | 28     | 6.9 | 42     | 8.6  | 42     | 12.9 | 30      | 11.5 |
| 1947                                | 14     | 3.7 | 20     | 5.7  | 21     | 6.7  | 16      | 6.6  |
| 1948                                | 19     | 4.5 | 23     | 6.6  | 32     | 9.0  | 34      | 11.6 |
| 1949                                | 33     | 8.1 | 39     | 10.7 | 51     | 16.6 | 39      | 16.5 |
| 1950                                | 21     | 3.1 | 28     | 6.1  | 32     | 9.3  | 40      | 13.9 |
| 1951                                | 24     | 5.5 | 39     | 7.8  | 35     | 10.6 | 37      | 13.2 |
| 1952                                | 42     | 8.1 | 43     | 13.2 | 48     | 16.1 | 49      | 16.9 |
| 1953                                | 23     | 4.9 | 33     | 9.9  | 37     | 10.6 | 24      | 9.3  |
| 1954                                | 18     | 3.9 | 30     | 9.1  | 33     | 10.2 | 40      | 12.1 |
| Normal                              | 23     | 4.9 | 32     | 7.6  | 36     | 10.8 | 32      | 11.4 |

On April 1, the snowfall on the Jackson Lake watershed averaged 116% of normal, between Moran and Heise the average was 114%, Island Park 105%, Fall River 105%, Teton River 108%.

Comparable figures on run-off for the year ending September 30, 1954, compared to normal are as follows: Snake River at Moran 113%, Snake River at Heise 100%, Henrys Fork near Ashton 104%, Fall River near Squirrel 107%, Teton River near St. Anthony 89%.

#### 1954 REGULATION SCHEDULE

|        |                                                 |
|--------|-------------------------------------------------|
| July 9 | Cut off rights later than Aug. 6, 1908 priority |
| " 12   | Cut off rights later than Oct. 7, 1905          |
| " 13   | Cut off 1898 rights on Teton River              |
| " 18   | Cut off rights later than Mar. 26, 1903         |
| " 24   | Cut off 1899 rights                             |
| " 25   | Filled 80% of Feb. 6, 1895 right                |
| " 27   | Filled 20% of Feb. 6, 1895 right                |
| " 28   | Filled 40% of Feb. 6, 1895 right                |
| " 30   | Filled 20% of Feb. 6, 1895 right                |



Regulation Schedule - continued

|         |                                            |
|---------|--------------------------------------------|
| Aug. 4  | Cut off Feb. 6, 1895 right                 |
| " 7     | Filled 30% Feb. 6, 1895 right              |
| " 10    | Cut off Feb. 6, 1895 right                 |
| " 13    | Filled 40% Feb. 6, 1895 right              |
| " 16    | Filled 60% Feb. 6, 1895 right              |
| " 18    | Filled 30% Feb. 6, 1895 right              |
| " 19    | Filled 20% Feb. 6, 1895 right              |
| " 20    | Filled 10% Feb. 6, 1895 right              |
| " 21    | Cut off Feb. 6, 1895 right                 |
| " 25    | Cut off all 1895 rights                    |
| " 26    | Filled 75% Aug. 18, 1894 right             |
| " 28    | Filled 50% June 1, 1892 right              |
| " 29    | Cut off June 1, 1892 rights                |
| " 30    | Filled 50% Dec. 14, 1891 right             |
| " 31    | Cut off June 1, 1891 rights                |
| Sept. 1 | Cut off rights later than Oct. 16, 1890    |
| " 2     | Cut off June 1, 1885 rights on Teton River |
| " 6     | Filled 50% Jan. 24, 1891 right             |
| " 7     | Filled Jan. 24, 1891 right                 |
| " 9     | Filled 75% Jan. 24, 1891 right             |
| " 11    | Filled 50% Jan. 24, 1891 right             |
| " 17    | Filled 75% Jan. 24, 1891 right             |
| " 19    | Filled Jan. 24, 1891 right                 |
| " 21    | Filled 1/3 of Dec. 14, 1891 right          |
| " 23    | Filled 50% Dec. 14, 1891 right             |
| " 24    | Restored May 1, 1892 rights                |
| " 25    | Restored 1893 rights                       |
| " 27    | Restored 1895 rights                       |

Due to rapid decrease in upper valley diversions during the last ten days in September it was impossible to restore priority rights quickly enough or make adequate cuts at Jackson Lake so that some surplus flow spilled past Blackfoot during the above period.

Jackson Lake gates were closed September 28 and upper valley canals voluntarily reduced their diversions October 1 to actual needs, thereby providing sufficient water for all upper valley canals and still spill a little water past Blackfoot. It was not necessary to deliver storage to any users after September 30.

Storage draft on the various reservoirs started on the following dates: Jackson Lake July 8, American Falls July 8, Henrys Lake July 9, Island Park July 8, Grassy Lake July 29.



## WATER SUPPLY

Run-off at various gaging stations during the year ending September 30, 1954 was as follows:

| <u>Station</u>               | <u>1954<br/>Run-off<br/>(acre-feet)</u> | <u>Average<br/>run-off<br/>past years<br/>(acre-feet)</u> | <u>Years<br/>of<br/>record</u> | <u>1954<br/>% of<br/>Average</u> |
|------------------------------|-----------------------------------------|-----------------------------------------------------------|--------------------------------|----------------------------------|
| Snake River at Moran         | 1,182,000                               | 1,041,000                                                 | 51                             | 113                              |
| Snake River at Heise         | 5,078,000                               | 5,077,000                                                 | 51                             | 100                              |
| Snake River at Neeley        | 4,853,000                               | 5,691,000                                                 | 58                             | 85                               |
| Fall River near Squirrel     | 585,600                                 | 547,400                                                   | 41                             | 107                              |
| Teton River near St. Anthony | 490,800                                 | 550,600                                                   | 27                             | 89                               |
| Henrys Fork near Ashton      | 1,017,000                               | 981,400                                                   | 34                             | 104                              |
| Henrys Fork near Rexburg     | 1,272,000                               | 1,411,000                                                 | 46                             | 90                               |

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

Maximum floodwater flows in terms of mean daily discharge were as follows:

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| Snake River at Moran       | 9,700 sec.-ft. on June 27                                  |
| Snake River at Heise       | 29,500 sec.-ft on May 22 and<br>29,700 sec.-ft. on June 28 |
| Snake River near Blackfoot | 24,800 sec.-ft. on June 30                                 |
| Snake River at Milner      | 8,590 sec.-ft. on May 28                                   |

The inflow to Jackson Lake was in excess of 11,000 sec.-ft. on May 22.

About 1,300 acres of farm land in the Menan-Deer Parks area in Idaho were flooded for several days at the time of the peak flows at Heise on May 22 and June 28. These peak flows in both cases resulted from general rains over the watershed at the end of about four days of hot weather and rapid snow melt.

At the time of the May 22 peak over 10,000 sec.-ft. were being stored in Jackson Lake and except for this fact the river would have reached a maximum flow at Heise on May 22 of nearly 40,000 sec.-ft.,



which would have caused serious downstream damage. Due to the lateness of the date and concern about filling Jackson Lake that reservoir was filled to capacity at the time of the June 28th peak at Heise so that peak flow represented the run-off from the entire upstream drainage area. Due to rains on June 26-27, the Wyoming canals probably shut off a couple thousand second-feet being used for irrigation, increasing the flow at Heise on June 28 by that amount over what it would otherwise have been. Due to the same rains the canals between Heise and Roberts also substantially decreased their diversions, contributing to greater overflow in the Deer Parks area.

The river channel was also taxed to capacity in the vicinity of Wilson, Wyoming at the time of the June 28 flood flow and landowners in that section as well as in the Deer Parks area in Idaho felt quite strongly that some space should have been reserved at Jackson Lake for flood storage June 26-30. The May 22 peak at Wilson, however, would have been considerably higher than the June 28 peak at that point except for about 10,000 second-feet being stored in Jackson Lake at the time.

There are 21,000 sec.-ft. of decreed natural flow water rights on Snake River with priorities earlier than the top storage rights in Jackson Lake. If the snow melts gradually in an orderly manner most of the run-off could easily be absorbed in filling such rights, leaving little for storage in Jackson Lake. From an irrigation viewpoint the last week in June is a pretty late date to be holding much vacant space at Jackson Lake for flood control, taking chances on vagaries of the weather that may or may not occur.

There have been, however, a number of years when Jackson Lake



has filled just about at the date of a peak discharge in late June, making it necessary to spill the entire inflow for a day or two at the time of maximum or near maximum flow. It would require but 25,000 to 30,000 acre-feet of space held in reserve in Jackson Lake to reduce this last peak flow each year of normal or better snowfall to an amount that could be safely carried by the river channel.

In 1954 spill of a portion of the inflow to Jackson Lake started on June 22 when the reservoir contained about 830,000 acre-feet. It appears possible that an operation procedure could be developed in good water years of ample snowfall, so that spill of Jackson Lake inflow could start when the Lake contents reached about 800,000 acre-feet, spilling from half to two-thirds of the inflow until the Lake rose to about 820,000 acre-feet, retaining about 27,000 acre-feet of space to fill on the peak. It is easier to discuss this matter by review of past records than it is to judge the situation at the time it exists because the flow usually drops very rapidly after the final peak, and the operating official would have to be able to pick the date of the maximum flow, so as to catch enough of the runoff in a few days adjacent to the peak flow to fill the reservoir.

After Palisades reservoir is completed flood control operation at Jackson Lake can be handled more effectively, because in most years space will be available in downstream reservoirs at Palisades and American Falls to catch any Jackson Lake spills, such water being credited to Jackson Lake rights to the extent necessary to fill such rights if that reservoir should not quite fill under the operation procedure being followed.

The gates at Jackson Lake were closed for ten hours on July 17



to search for the body of a man drowned in the river below Moran. They were closed again for 27 hours on July 21-22 to assist the Palisades contractor in closing the river channel and turning the water thru the tunnel at the Palisades dam. Due to inadequate preparation he was unable to make the river closure at that time, although he succeeded in diverting about half of the river flow thru the tunnel. Again the gates were closed at Moran on August 5 for 12 hours and with a decreased inflow to the river below Moran and better preparation the Palisades contractor was able to effectively dam off the river channel and turn the full river flow thru the two tunnels.

These various shut-offs caused some irregularity in the river flow between Heise and Blackfoot, especially the one on July 21-22, which was accompanied by an unforeseen drop of about 2,500 sec.-ft. in the natural flow at Heise, principally due to cessation of rain-water run-off, increased diversions on Wyoming tributaries, and some pondage at Palisades dam. Most of the canals between Roberts and Blackfoot were unable to divert the desired amount of water for a couple days at that time until the river flow could be adjusted by additional releases from Jackson Lake.

As has been stated in the Introduction, page 2, there were about 160,000 acre-feet of storage drawn from American Falls reservoir during two periods prior to the final filling of the reservoir. This was used by various late priority rights between American Falls and Milner and by the Idaho Power Company below Milner. No attempt was made to segregate such use and all American Falls rights were allotted in full as of July 8 when storage draft began after final



filling of the reservoir. All tabulations and storage charges shown in this report relate to the period July 8 to September 30.

One of the valuable assets connected with American Falls storage rights is the enlarged annual use in many years that results from drawing storage if needed at times during May and June and then later having a full storage right if the reservoir refills, to use after final refilling. This is a prior right to Palisades reservoir and after that reservoir is completed, the river operation should be so conducted and storage allocations so made that American Falls reservoir owners will enjoy the privilege of refilling their right to the same extent that they could have done prior to the construction of the Palisades reservoir.

The following tabulation shows a comparison of annual run-off for the year ending September 30, 1954, with April 1 estimates by the Weather Bureau and the Soil Conservation Service (Snow Surveys):

| <u>Station</u>               | <u>Estimated<br/>run-off<br/>(acre-feet)</u> | <u>Actual<br/>run-off<br/>(acre-feet)</u> | <u>% Variation<br/>of estimated<br/>from actual<br/>run-off</u> |
|------------------------------|----------------------------------------------|-------------------------------------------|-----------------------------------------------------------------|
| Snake River at Moran         | 1,050,000                                    | 1,182,000                                 | -11%                                                            |
| Snake River near Heise       | 5,440,000                                    | 5,078,000                                 | + 7%                                                            |
| Snake River near Shelley     | 4,250,000                                    | 3,952,000                                 | + 7%                                                            |
| Snake River near Blackfoot   | 3,290,000                                    | 2,916,000                                 | +13%                                                            |
| Snake River near Neeley      | 5,680,000                                    | 4,853,000                                 | +17%                                                            |
| Snake River near Minidoka    | 4,730,000                                    | 4,065,000                                 | +16%                                                            |
| Henrys Fork near Rexburg     | 1,300,000                                    | 1,272,000                                 | + 2%                                                            |
| Fall River near Squirrel     | 505,000                                      | 586,000                                   | -14%                                                            |
| Teton River near St. Anthony | 510,000                                      | 505,000                                   | + 1%                                                            |

The above estimates, in most cases, show a greater variation from the actual run-off than those made during the preceding year.

Reservoir holdovers on September 30 during each of the past ten years are shown in the following tabulation:



Holdovers on Sept. 30 in acre-feet

| <u>Year</u> | <u>Jackson<br/>Lake</u> | <u>American<br/>Falls</u> | <u>Lake<br/>Walcott</u> | <u>Henrys<br/>Lake</u> | <u>Island<br/>Park</u> | <u>Grassy<br/>Lake</u> | <u>Total</u> |
|-------------|-------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|--------------|
| 1945        | 568,030                 | 924,820                   | 91,460                  | 64,200                 | 56,780                 | 13,400                 | 1,718,690    |
| 1946        | 402,740                 | 718,970                   | 83,770                  | 62,700                 | 51,460                 | 12,110                 | 1,331,750    |
| 1947        | 463,990                 | 686,770                   | 94,950                  | 55,600                 | 75,520                 | 13,220                 | 1,390,050    |
| 1948        | 234,260                 | 664,720                   | 88,550                  | 53,300                 | 33,230                 | 12,130                 | 1,086,190    |
| 1949        | 273,140                 | 535,030                   | 95,310                  | 52,060                 | 29,060                 | 11,930                 | 996,530      |
| 1950        | 570,390                 | 925,620                   | 93,200                  | 69,100                 | 87,660                 | 12,170                 | 1,758,140    |
| 1951        | 622,680                 | 1,021,300                 | 94,020                  | 71,400                 | 86,180                 | 12,130                 | 1,907,710    |
| 1952        | 281,730                 | 583,000                   | 91,920                  | 62,700                 | 62,520                 | 12,200                 | 1,094,070    |
| 1953        | 232,430                 | 488,000                   | 91,230                  | 65,000                 | 33,940                 | 11,300                 | 921,900      |
| 1954        | 316,600                 | 627,000                   | 89,130                  | 67,700                 | 45,350                 | 11,620                 | 1,157,400    |
| Average     | 396,600                 | 717,500                   | 91,350                  | 62,380                 | 56,170                 | 12,220                 | 1,336,220    |

The combined capacity of these reservoirs when full is 2,872,000 acre-feet. The 1954 total holdover was about 40% of capacity and 87% of the past 10 year average holdover.

TRANSFERS AND CHANGES IN POINT OF DIVERSION

Certificates granting transfer of water to other lands and change in point of diversion were issued during the year by the State Reclamation Engineer as follows:

Transfer Order No. 819:

Transfer by W. G. Burke, et al, of 1.6 sec.-ft. June 1, 1890 priority, less 10% river transmission loss, from lands under the Kite and Nord ditch to lands served by the Great Western Canal.

Change in Point of Diversion Order No. 220:

Island Ward Canal, change in point of diversion from Teton River to a new heading about 1/4 mile downstream. No change in place of use of the water.

LITIGATION

The following summary decrees were issued during the year in the District Court of the Fifth Judicial District:

Darrell C. Buxton and Mary Buxton vs. Lynn Crandall

The plaintiffs were awarded 1.6 second-feet, March 19, 1908 priority, of the waters of Woods Creek for irrigation of 80 acres of land in Teton Basin.



Floyd Gardner, et al, vs. Lynn Crandall

The plaintiffs were awarded a decree for 80 inches of May 15, 1898 priority and 804 inches of Dec. 1, 1903 priority of the waters of Teton River for use on lands in the vicinity of Sugar City.

An action which was filed against Lynn Crandall, Watermaster, in 1953 by Rufus D. and Georgena Traugher to secure a summary decree for four second-feet with June 1, 1926 priority of the waters of Snake River for irrigation of lands in Swan Valley was dismissed during the year upon motion by the plaintiff.

COMMUNITY LATERAL MANAGERS

In accordance with the provisions of the Idaho Statutes the following appointments were made for the 1954 irrigation season:

| <u>Manager</u>   | <u>Name of Lateral</u>                         |
|------------------|------------------------------------------------|
| Easton Hansen    | Si ditch, North Leigh Creek, Teton Basin       |
| John Cooper      | Augustine lateral from Danskin ditch           |
| Vernal Lofthouse | Desert ditch and Little Hog canal, Teton Basin |

CANAL DELIVERIES

Daily diversions from Snake River by upper valley canals above American Falls reservoir during May to September 1954 are shown on Plates 6-10. Diversions thruout the year by canals below American Falls are shown on Plates 57-67. Miscellaneous measurements of the flow of canals and streams in headwater areas are shown on Plate 24.

Total diversions during the 1954 irrigation season by all canals in the District, as tabulated in the annual watermaster bill, amounted to 8,050,000 acre-feet, an increase of about 400,000 acre-feet, or about 5%, over the 1953 diversions.



Diversions during 1954 irrigation season by Snake River  
Canals (downstream order from Heise)

(May to Sept. incl. for upper valley canals; Apr. 15 to Sept. 30  
for lower valley canals)

| Canal                  | Diversions<br>(Acre-feet) | Acres<br>Irrigated | Acre-feet<br>per acre |
|------------------------|---------------------------|--------------------|-----------------------|
| Riley                  | 6,080                     | 870                | 7.0                   |
| Progressive Irr. Dist. | 251,000 (a)               | 31,660             | 7.9                   |
| Farmers Friend         | 101,000                   | 11,000             | 9.2                   |
| Enterprise             | 46,500                    | 5,000              | 9.3                   |
| Nelson                 | 525                       | 53                 | 10.0                  |
| Mattson & Arnsberger   | 4,200                     | 500                | 8.4                   |
| Ross & Rand            | 1,000                     | 130                | 7.7                   |
| Butler Island          | 12,900                    | 1,200              | 10.7                  |
| Steele                 | 1,690                     | 220                | 7.7                   |
| Harrison               | 120,000                   | 13,000             | 9.2                   |
| Cheney                 | 1,630                     | 180                | 9.1                   |
| Rudy Irr. Co.          | 56,000                    | 5,500              | 10.2                  |
| Kite & Nord            | 1,550                     | 200                | 7.7                   |
| Burgess                | 225,000                   | 22,000             | 10.2                  |
| Clark & Edwards        | 21,100                    | 1,800              | 11.7                  |
| Lowder Canal Co.       | 13,100                    | 1,100              | 11.9                  |
| East Labelle           | 33,500                    | 2,700              | 12.4                  |
| Sunnydell              | 39,300                    | 3,800              | 10.3                  |
| Lenroot                | 34,100                    | 4,100              | 8.3                   |
| Reid                   | 44,500                    | 5,300              | 8.4                   |
| Texas Feeder           | 83,800                    | 9,200              | 9.1                   |
| Nelson Corey           | 1,930                     | 400                | 4.8                   |
| Hill Pettinger         | 1,140                     | 160                | 7.1                   |
| Rigby                  | 47,100                    | 4,000              | 11.8                  |
| Dilts                  | 9,380                     | 700                | 13.4                  |
| Island                 | 46,200                    | 3,700              | 12.5                  |
| W. Labelle-Long Island | 143,000                   | 11,000             | 13.0                  |
| Parks & Lewisville     | 97,500                    | 7,000              | 13.9                  |
| North Rigby            | 14,200                    | 1,400              | 10.1                  |
| White                  | 1,210                     | 160                | 7.6                   |
| Ellis                  | 1,210                     | 120                | 10.1                  |
| Bramwell               | 2,460                     | 240                | 10.2                  |
| Butte & Market Lake    | 91,700                    | 20,000             | 4.6                   |
| Osgood                 | 33,900                    | 6,500              | 5.2                   |
| Bear Island & Smith    | 1,010                     | 215                | 4.7                   |
| Idaho                  | 275,000 (a)               | 36,098             | 7.6                   |
| Kennedy                | 13,100                    | 2,700              | 4.8                   |
| Great Western & Porter | 225,000                   | 31,000             | 7.2                   |
| Coy & Kellar           | 530                       | 70                 | 7.6                   |
| Woodville              | 26,200                    | 3,200              | 8.2                   |
| Snake River Valley     | 162,000 (a)               | 21,288             | 7.6                   |
| Reservation            | 138,000 (b)               | 33,000             | 4.2                   |
| Blackfoot              | 88,000                    | 15,000             | 5.9                   |
| New Lava Side          | 40,700                    | 6,000              | 6.8                   |
| Peoples                | 139,000                   | 19,000             | 7.3                   |
| Aberdeen               | 325,000                   | 63,000             | 5.2                   |



| Canal                | Diversions<br>(Acre-feet) | Acres<br>Irrigated | Acre-feet<br>per acre |
|----------------------|---------------------------|--------------------|-----------------------|
| Corbett              | 53,500                    | 6,000              | 8.9                   |
| Nielsen-Hansen       | 2,380                     | 400                | 5.9                   |
| Riverside            | 39,000                    | 4,000              | 9.7                   |
| Danskin              | 54,200                    | 6,000              | 9.1                   |
| Trego                | 17,800                    | 1,700              | 10.5                  |
| Wearyrick            | 17,400                    | 1,600              | 10.8                  |
| Watson               | 33,700                    | 3,200              | 10.5                  |
| Parsons              | 10,800                    | 850                | 12.7                  |
| Minidoka Irr. Dist.  | 477,400                   | 71,790             | 6.6                   |
| Burley Irr. Dist.    | 299,700                   | 46,000             | 6.5                   |
| North Side Canal Co. | 1,113,000                 | 161,480            | 6.9                   |
| Twin Falls Canal Co. | 1,094,000                 | 202,706            | 5.4                   |
| Milner Low Lift      | 65,280                    | 11,730             | 5.5                   |
| Gooding Project      | 472,800                   | 65,300             | 7.2                   |
| Total                | 6,773,905                 | 988,220            | 6.9                   |

- (a) Received additional water from Willow and Sand Creeks  
(b) Received additional water from Sand Creek and Blackfoot R.

The total seasonal diversions by these main river canals was about 6% greater than in the previous year. Of the 3,522,000 acre-feet diverted by lower valley canals, 1,192,000 acre-feet or 33.8% was stored water. Upper valley main river canals diverted a total of 3,252,000 acre-feet, of which 371,500 acre-feet or 11.4% was stored water.

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

| Diversions in Thousands of Acre-feet<br>Heise to Blackfoot |     |      |      |      |       |        |
|------------------------------------------------------------|-----|------|------|------|-------|--------|
| Year                                                       | May | June | July | Aug. | Sept. | Season |
| 1945                                                       | 337 | 455  | 700  | 629  | 453   | 2574   |
| 1946                                                       | 504 | 585  | 738  | 606  | 400   | 2833   |
| 1947                                                       | 573 | 565  | 774  | 626  | 424   | 2962   |
| 1948                                                       | 301 | 588  | 738  | 627  | 410   | 2664   |
| 1949                                                       | 459 | 646  | 766  | 622  | 466   | 2959   |
| 1950                                                       | 417 | 550  | 746  | 699  | 426   | 2838   |
| 1951                                                       | 386 | 700  | 804  | 540  | 491   | 2921   |
| 1952                                                       | 443 | 637  | 782  | 669  | 520   | 3051   |
| 1953                                                       | 399 | 573  | 811  | 669  | 522   | 2974   |
| 1954                                                       | 597 | 656  | 789  | 676  | 534   | 3252   |
| Average                                                    | 442 | 596  | 765  | 636  | 465   | 2904   |



Henrys 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> |
|-------------|------------|-------------|-------------|-------------|--------------|---------------|
| 1945        | 141        | 181         | 206         | 168         | 109          | 805           |
| 1946        | 215        | 212         | 206         | 175         | 93           | 901           |
| 1947        | 198        | 195         | 223         | 173         | 102          | 891           |
| 1948        | 144        | 229         | 215         | 173         | 109          | 870           |
| 1949        | 201        | 218         | 216         | 174         | 116          | 925           |
| 1950        | 181        | 225         | 240         | 205         | 103          | 954           |
| 1951        | 160        | 246         | 237         | 136         | 92           | 871           |
| 1952        | 210        | 225         | 223         | 181         | 118          | 957           |
| 1953        | 180        | 227         | 233         | 189         | 138          | 967           |
| 1954        | 224        | 236         | 225         | 185         | 133          | 1003          |
| Average     | 185        | 219         | 222         | 176         | 111          | 913           |

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> |
|-------------|--------------|------------|-------------|-------------|-------------|--------------|---------------|
| 1945        | 7            | 121        | 122         | 178         | 167         | 102          | 697           |
| 1946        | 30           | 154        | 136         | 180         | 160         | 82           | 742           |
| 1947        | 50           | 164        | 93          | 182         | 164         | 101          | 754           |
| 1948        | 24           | 152        | 150         | 181         | 162         | 94           | 763           |
| 1949        | 53           | 139        | 144         | 175         | 153         | 96           | 760           |
| 1950        | 34           | 150        | 136         | 184         | 161         | 97           | 762           |
| 1951        | 67           | 119        | 154         | 180         | 142         | 111          | 773           |
| 1952        | 20           | 164        | 149         | 181         | 171         | 108          | 793           |
| 1953        | 37           | 128        | 108         | 189         | 168         | 103          | 733           |
| 1954        | 51           | 161        | 116         | 174         | 168         | 107          | 777           |
| Average     | 37           | 145        | 131         | 180         | 162         | 100          | 755           |

North Side Canal Co. Project

|         |    |     |     |     |     |     |      |
|---------|----|-----|-----|-----|-----|-----|------|
| 1945    | 54 | 185 | 177 | 223 | 220 | 154 | 1013 |
| 1946    | 61 | 206 | 201 | 226 | 226 | 137 | 1057 |
| 1947    | 81 | 211 | 175 | 228 | 223 | 159 | 1077 |
| 1948    | 67 | 201 | 210 | 224 | 224 | 153 | 1079 |
| 1949    | 65 | 215 | 204 | 231 | 232 | 142 | 1089 |
| 1950    | 73 | 195 | 206 | 233 | 225 | 171 | 1103 |
| 1951    | 84 | 179 | 213 | 234 | 221 | 170 | 1101 |
| 1952    | 42 | 202 | 225 | 234 | 232 | 174 | 1109 |
| 1953    | 76 | 195 | 190 | 239 | 233 | 176 | 1109 |
| 1954    | 88 | 217 | 196 | 230 | 228 | 177 | 1136 |
| Average | 69 | 201 | 200 | 230 | 226 | 161 | 1087 |



### 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> |
|-------------|--------------|------------|-------------|-------------|-------------|--------------|---------------|
| 1945        | 53           | 184        | 175         | 214         | 217         | 156          | 999           |
| 1946        | 78           | 202        | 194         | 213         | 217         | 133          | 1037          |
| 1947        | 91           | 212        | 170         | 220         | 220         | 141          | 1054          |
| 1948        | 84           | 202        | 195         | 215         | 223         | 150          | 1069          |
| 1949        | 86           | 211        | 193         | 219         | 217         | 145          | 1071          |
| 1950        | 68           | 194        | 201         | 222         | 219         | 164          | 1068          |
| 1951        | 86           | 189        | 200         | 222         | 211         | 168          | 1076          |
| 1952        | 59           | 215        | 212         | 227         | 230         | 173          | 1116          |
| 1953        | 104          | 204        | 184         | 227         | 224         | 167          | 1110          |
| 1954        | 108          | 218        | 187         | 219         | 221         | 164          | 1117          |
| Average     | 82           | 203        | 191         | 220         | 220         | 156          | 1072          |

### Gooding Project

|         |    |    |    |    |    |    |     |
|---------|----|----|----|----|----|----|-----|
| 1945    | 14 | 75 | 77 | 90 | 80 | 61 | 397 |
| 1946    | 19 | 80 | 85 | 90 | 79 | 57 | 410 |
| 1947    | 28 | 79 | 71 | 88 | 78 | 59 | 403 |
| 1948    | 21 | 76 | 77 | 89 | 83 | 67 | 413 |
| 1949    | 25 | 76 | 84 | 93 | 84 | 65 | 427 |
| 1950    | 21 | 79 | 89 | 96 | 90 | 73 | 448 |
| 1951    | 23 | 73 | 93 | 97 | 91 | 73 | 450 |
| 1952    | 0  | 65 | 84 | 92 | 95 | 72 | 408 |
| 1953    | 33 | 80 | 79 | 98 | 94 | 74 | 458 |
| 1954    | 32 | 88 | 86 | 95 | 94 | 81 | 476 |
| Average | 22 | 77 | 82 | 93 | 87 | 68 | 429 |

Total diversions in 1954 were the greatest ever recorded except on the Minidoka Project where the 1952 diversions were slightly greater than in 1954. Various canals have increased their capacity slightly during recent years; others carry water with less freeboard than formerly. There seems to be a widespread demand by the irrigators for enough water to maintain a high uniform moisture content in the soil for maximum crop production. Possibly leaching of the soil by heavy water use and crop production for many years may be factors in the ever increasing demand for more water.

### RIVER DATA

The daily segregation of stored water and natural flow at the various reservoir outlets and gaging stations was based on the same



rules and methods that have been followed for many years past, using the schedule of stored water transmission losses approved by the waterusers at the annual meeting each March. These methods are fully described in the annual reports for 1953 and previous years, hence it does not appear necessary to repeat the description in this report.

A detailed daily summary of canal diversions and segregation of flow at river stations for the period of storage use is shown on Plates 12 and 13 for the main river between Moran and Milner, and Plate 21 for Henrys Fork between Lake and Rexburg.

For simplicity in tabulation the right of the Fremont-Madison District to 12 second-feet of the flow of Sheridan Creek, the inflow to Snake River from Market Lake Springs, and the gain in Snake River between Neeley and Milner, credited to the Minidoka project, are all classed as storage rights, as they are all special rights handled in distribution in the same manner as stored water.

The net total stored water passing the Blackfoot gaging station on Snake River during 1954, in excess of repayment of natural flow temporarily diverted at times as storage by upstream canals, amounted to 105,500 acre-feet, about the same as in 1953.

#### STORED WATER DELIVERIES

The allotments of storage in Jackson Lake and American Falls reservoirs as made by the Bureau of Reclamation were the same as in 1953 and reflected the changes resulting from the Palisades contracts, although all the contracts were not completed at the time the allotments were made.



1954 Allotments in Acre-feet  
(Downstream order from Heise)

| Canal                  | American Falls |              | Jackson Lake | Total     |
|------------------------|----------------|--------------|--------------|-----------|
|                        | <u>Owned</u>   | <u>Lease</u> |              |           |
| Poplar Irr. Dist.      | 190            | 79           | 2,072        | 2,341     |
| Progressive Irr. Dist. | 3,531          | 997          | 16,163       | 20,691    |
| Farmers Friend         | 0              | 0            | 2,000        | 2,000     |
| Enterprise             | 2,524          | 1,200        | 17,651       | 21,375    |
| Harrison               | 3,401          | 0            | 20,567       | 23,968    |
| Rudy                   | 749            | 1,513        | 5,430        | 7,692     |
| Burgess                | 2,686          | 2,739        | 17,413       | 22,838    |
| Lowder                 | 0              | 0            | 1,040        | 1,040     |
| Sunnydell Irr. Dist.   | 0              | 0            | 4,000        | 4,000     |
| Lenroot                | 1,094          | 586          | 8,008        | 9,688     |
| Reid                   | 721            | 293          | 3,300        | 4,314     |
| Dilts                  | 250            | 67           | 1,147        | 1,464     |
| Enterprise Irr. Dist.  | 2,882          | 0            | 13,189       | 16,071    |
| Butte & Market Lake    | 1,320          | 6,611        | 6,041        | 13,972    |
| Osgood (U.I.S.Co.)     | 3,807          | 3,134        | 17,423       | 24,364    |
| Bear Island            | 54             | 29           | 247          | 330       |
| Smith                  | 20             | 0            | 92           | 112       |
| Kennedy                | 0              | 0            | 355          | 355       |
| Idaho                  | 6,480          | 735          | 29,661       | 36,876    |
| Martin                 | 567            | 336          | 4,098        | 5,001     |
| New Sweden             | 7,277          | 1,887        | 38,311       | 47,475    |
| Woodville              | 1,710          | 196          | 7,828        | 9,734     |
| Snake River Valley     | 7,457          | 0            | 49,135       | 56,592    |
| Blackfoot              | 3,610          | 1,459        | 16,523       | 21,592    |
| Peoples                | 6,057          | 3,354        | 35,723       | 45,134    |
| Aberdeen               | 15,645         | 20,908       | 114,296      | 150,849   |
| Corbett                | 961            | 178          | 4,396        | 5,535     |
| Trego                  | 371            | 0            | 1,701        | 2,072     |
| Minidoka District      | 236,030        | 20,889       | 0            | 256,919   |
| Burley District        | 157,942        | 5,678        | 0            | 163,620   |
| Milner Low Lift        | 45,687         | 3,332        | 0            | 49,019    |
| Twin Falls Canal       | 151,185        | 0            | 97,183       | 248,368   |
| Hillsdale Irr. Dist.   | 41,146         | 0            | 0            | 41,146    |
| N. S. Canal Co.        | 414,090        | 45,763       | 312,007      | 771,860   |
| Gooding                | 400,000        | 0            | 0            | 400,000   |
| Idaho Power Co.        | 45,000         | 0            | 0            | 45,000    |
| U. S.                  | 0              | 13,593       | 0            | 13,593    |
| Total                  | 1,564,444      | 135,556      | 847,000      | 2,547,000 |

American Falls water was rented by the United States to non-lease holders in 1954, as follows:

|              |                  |
|--------------|------------------|
| Upper Valley | 12,814 acre-feet |
| Lower Valley | <u>779 " "</u>   |
| Total        | 13,593 acre-feet |



The amount of water available by the United States for rental was insufficient to meet the demand and, at the request of the watermaster, the Twin Falls Canal Company rented the following amounts from its Jackson Lake right:

|                         |            |           |
|-------------------------|------------|-----------|
| Upper Valley Main River | 11,925     | acre-feet |
| Swan Valley             | 258        | " "       |
| Island Park             | 230        | " "       |
| Lower Valley            | <u>450</u> | " "       |
| Total                   | 12,863     | acre-feet |

The Market Lake Springs discharged 1,287 acre-feet of storage into the river, of which 885 acre-feet was allotted to the Owners Mutual Irrigation Company under the Kennedy ditch, the balance being unallotted.

The usual items covering Lake Walcott storage and gain Neeley to Milner were credited to the Minidoka Project as shown on Plate 14.

Summarized details covering the various items comprising supply and use of stored water during 1954 are shown in the following tabulation. These figures do not include about 160,000 acre-feet of storage drawn from American Falls reservoir during May and June as the reservoir later refilled which canceled prior storage charges against various users that would otherwise have been made.

Supply and Disposal of Stored Water, 1954  
(acre-feet)

| <u>Supply</u>                            |         |                |
|------------------------------------------|---------|----------------|
| Jackson Lake                             | July 8  | 852,610        |
| American Falls                           | July 8  | 1,712,000      |
| Lake Walcott                             | July 8  | 99,040         |
| Island Park                              | July 8  | 135,045        |
| Henrys Lake                              | July 9  | 80,000         |
| Grassy Lake                              | July 29 | 15,180         |
| Sheridan Creek right                     |         | 1,928*         |
| Market Lake Springs                      |         | 1,287*         |
| Gain Neeley to Milner (Minidoka Project) |         | 49,960*        |
| Gain Neeley to Milner (unallocated)      |         | <u>10,345*</u> |
| Total                                    |         | 2,957,395      |

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



### Disposal

|                                            |              |
|--------------------------------------------|--------------|
| Used by Snake River rights                 | 1,607,971    |
| Used by Henrys Fork rights                 | 118,993      |
| Transmission losses Snake River            | 45,681       |
| Transmission losses Henrys Fork            | 2,927        |
| Transmission losses Cross Cut Canal        | 1,347        |
| Henrys Lake loss                           | 1,600        |
| American Falls Reservoir loss, unallocated | 22,200       |
| Storage waste past Milner, unallocated     | 926          |
| Holdovers, September 30:                   |              |
| Jackson Lake                               | 316,600      |
| American Falls (Sept. 29)                  | 624,000      |
| Lake Walcott                               | 89,130       |
| Island Park                                | 45,350       |
| Henrys Lake                                | 67,700       |
| Grassy Lake                                | 11,620       |
| In transit September 30                    | <u>1,350</u> |
| Total                                      | 2,957,395    |

### RIVER LOSSES AND GAINS

Losses and gains between river stations are shown by monthly tables in the following tabulations, using time intervals shown on Plate 15. These tabulations are of interest as they reflect any changes over the years in conditions along various sections of the stream that have a bearing on water supply available for diversion.

Gain in Snake River, Moran to Heise, 1954  
(Heise dates and 24-hr. sec.-ft. except as noted)

| Station         | May     | June    | July    | Aug.    | Sept.   | Total     |
|-----------------|---------|---------|---------|---------|---------|-----------|
| Moran           | 39,099  | 84,491  | 144,120 | 156,533 | 127,365 | 551,608   |
| Heise & Riley   | 517,704 | 447,110 | 438,760 | 285,966 | 220,696 | 1,910,236 |
| Tot. gain s.f.  | 478,605 | 362,619 | 294,640 | 129,433 | 93,331  | 1,358,628 |
| Mean gain s.f.  | 15,439  | 12,087  | 9,505   | 4,175   | 3,111   | 8,880     |
| Totl gain ac.f. | 949,299 | 719,245 | 584,409 | 256,727 | 185,120 | 2,694,800 |

The average gain for the five months period was about 900 second-feet greater than in 1953. The gain during the snow melting period, May to July inclusive, was substantially greater than a year ago but it was about the same during August and September.



Gain in Snake River, Heise to Shelley, 1954  
(Heise dates and 24-hr. sec.-ft. except as noted)

| Station         | May     | June    | July    | Aug.    | Sept.   | Season    |
|-----------------|---------|---------|---------|---------|---------|-----------|
| Heise & Riley   | 517,704 | 447,110 | 438,760 | 285,966 | 220,696 | 1,910,236 |
| Rexburg         | 98,970  | 65,097  | 44,900  | 38,562  | 42,900  | 290,429   |
| Total Supply    | 616,674 | 512,207 | 483,660 | 324,528 | 263,596 | 2,200,665 |
| Diversions      | 200,443 | 234,259 | 281,754 | 238,661 | 200,453 | 1,155,570 |
| Shelley         | 443,170 | 323,290 | 239,490 | 134,920 | 104,560 | 1,245,430 |
| Total Use       | 643,613 | 557,549 | 521,244 | 373,581 | 305,013 | 2,401,000 |
| Tot. gain s.f.  | 26,939  | 45,342  | 37,584  | 49,053  | 41,417  | 200,335   |
| Mean gain s.f.  | 869     | 1,511   | 1,212   | 1,582   | 1,381   | 1,309     |
| Tot. gain ac.f. | 53,432  | 89,934  | 74,546  | 97,295  | 82,149  | 397,356   |

The gain for the season was 37% greater than in 1953. The average gain during July, August and September 1954 was 1,390 second-feet compared to 1,070 second-feet a year ago. The increased gain was probably due to heavy above normal diversions beginning in May and continuing thruout the season. May diversions by canals in this section were 50% greater than in 1953 and helped to build up high ground-water levels in the adjacent area of tributary ground-water inflow.

Gain or loss in Snake River, Shelley to Blackfoot, 1954  
(Shelley dates and 24-hr. sec.-ft. except as noted)  
- is loss

| Station          | May     | June    | July    | Aug.    | Sept.   | Season    |
|------------------|---------|---------|---------|---------|---------|-----------|
| Shelley          | 445,440 | 315,800 | 249,050 | 136,290 | 105,190 | 1,251,770 |
| Blackfoot R.     | 2,181   | 2,000   | 785     | 1,016   | 1,231   | 7,213     |
| Total Supply     | 447,621 | 317,800 | 249,835 | 137,306 | 106,421 | 1,258,983 |
| Diversions       | 100,353 | 96,691  | 115,697 | 102,206 | 68,768  | 483,715   |
| Blackfoot        | 334,440 | 216,810 | 140,446 | 40,313  | 44,254  | 776,263   |
| Total Use        | 434,793 | 313,501 | 256,143 | 142,519 | 113,022 | 1,259,978 |
| Tot. diff. s.f.  | -12,828 | -4,299  | 6,308   | 5,213   | 6,601   | 995       |
| Mean diff. s.f.  | - 414   | - 143   | 204     | 168     | 220     | 6         |
| Tot. diff. ac.f. | -25,444 | -8,527  | 12,512  | 10,339  | 13,093  | 1,973     |

The usual loss occurred during high water in May and June with a gain July thru September. The mean gain of 6 second-feet for the season is exactly the same as occurred in 1953. There is a ground-water inflow of about 200 second-feet into Snake River in a section



of a mile or so above the Blackfoot station. If this was considered as supply the actual losses would be that much greater during the months of loss and the gains would be reduced by a similar amount during the months of gain from figures as shown in the above tabulation. The 200 second-feet inflow is supplied in part from river losses in the vicinity of Blackfoot and in part by return flow from irrigation.

Gain or loss in Snake River, Blackfoot to Neeley, 1954  
(Neeley dates and 24-hr. sec.-ft. except as noted)  
- is loss

| Station        | May     | June    | July    | Aug.    | Sept.   | Season    |
|----------------|---------|---------|---------|---------|---------|-----------|
| Blackfoot      | 335,660 | 203,510 | 159,859 | 41,151  | 42,802  | 782,982   |
| Inflow         | 83,973  | 83,041  | 81,368  | 82,028  | 81,069  | 411,479   |
| Res. draft     | 1,513   | 18,654  | 146,208 | 243,009 | 131,083 | 540,467   |
| Total Supply   | 421,146 | 305,205 | 387,435 | 366,188 | 254,954 | 1,734,928 |
| Diversions     | 20      | 30      | 31      | 31      | 16      | 128       |
| Neeley         | 410,100 | 294,350 | 374,680 | 365,800 | 253,710 | 1,698,640 |
| Total Use      | 410,120 | 294,380 | 374,711 | 365,831 | 253,726 | 1,698,768 |
| Tot.diff.s.f.  | -11,026 | -10,825 | -12,724 | - 357   | -1,228  | -36,160   |
| Mean diff.s.f. | - 356   | - 361   | - 410   | - 12    | - 41    | - 236     |
| Tot.diff.ac.f. | -21,870 | -21,471 | -25,238 | - 708   | -2,435  | -71,722   |

During the period of storage drawdown July 8 to September 30 there was a net loss in this section, which includes American Falls Reservoir, of 22,200 acre-feet or about 1.3% of reservoir capacity. It is possible that this indicated loss represents impairment of capacity by silt deposits. The loss, however, is determined by subtraction of inflow from outflow, using the standard reservoir capacity table to determine amounts of storage withdrawn. Any slight errors that might exist in computing the streamflow records would be reflected in the loss figures.

It was apparent from measurements during the regulation period in 1954 that the inflow to American Falls reservoir between the Blackfoot and Neeley gaging stations was less than it had been for



several years past. On account of the large number of irrigation wells that have been developed in this area during recent years it seemed advisable to study the past records of ground-water inflow and fluctuations in ground-water levels adjacent to the American Falls reservoir.

In making such a study the fluctuating surface run-off of Portneuf River at Pocatello has been excluded from past records of total inflow to Snake River between the Blackfoot and Neeley stations, leaving a balance which represents mostly the ground-water inflow altho it includes minor amounts of surface waste from the Aberdeen and Fort Hall projects.

The following tabulation has been prepared showing such gains during the irrigation season each year, beginning with the abnormally dry year of 1934 and continuing to date.

Inflow to American Falls Reservoir  
Between Blackfoot and Neeley stations  
excluding flow of Portneuf River at Pocatello  
Mean daily sec.-ft.

| Year | May   | June  | July  | Aug.  | Sept. | Irr. Season<br>diversions<br>Heise to Blackfoot |
|------|-------|-------|-------|-------|-------|-------------------------------------------------|
|      |       |       |       |       |       | Acre-feet                                       |
| 1934 | 2,330 | 2,300 | 2,290 | 2,280 | 2,280 | 1,792,000                                       |
| 1935 | 2,590 | 2,430 | 2,360 | 2,400 | 2,410 | 2,393,000                                       |
| 1936 | 2,480 | 2,630 | 2,550 | 2,540 | 2,570 | 2,725,000                                       |
| 1937 | 2,510 | 2,590 | 2,510 | 2,500 | 2,470 | 2,531,000                                       |
| 1938 | 2,650 | 2,540 | 2,540 | 2,530 | 2,540 | 2,721,000                                       |
| 1939 | 2,580 | 2,550 | 2,510 | 2,540 | 2,530 | 2,853,000                                       |
| 1940 | 2,450 | 2,470 | 2,480 | 2,470 | 2,640 | 2,523,000                                       |
| 1941 | 2,500 | 2,490 | 2,480 | 2,540 | 2,610 | 2,636,000                                       |
| 1942 | 2,790 | 2,620 | 2,580 | 2,560 | 2,610 | 2,697,000                                       |
| 1943 | 2,710 | 2,770 | 2,680 | 2,680 | 2,660 | 2,888,000                                       |
| 1944 | 2,660 | 2,790 | 2,550 | 2,600 | 2,730 | 2,437,000                                       |
| 1945 | 2,740 | 2,730 | 2,650 | 2,640 | 2,780 | 2,574,000                                       |
| 1946 | 2,700 | 2,810 | 2,660 | 2,670 | 2,780 | 2,833,000                                       |
| 1947 | 2,660 | 2,750 | 2,610 | 2,640 | 2,720 | 2,962,000                                       |
| 1948 | 2,720 | 2,700 | 2,620 | 2,630 | 2,710 | 2,664,000                                       |
| 1949 | 2,650 | 2,720 | 2,640 | 2,720 | 2,770 | 2,959,000                                       |



Inflow to American Falls Reservoir - continued

| Year | May   | June  | July  | Aug.  | Sept. | Irr. Season<br>Diversion<br>Heise to Blackfoot<br>Acre-feet |
|------|-------|-------|-------|-------|-------|-------------------------------------------------------------|
|      |       |       |       |       |       |                                                             |
| 1950 | 2,750 | 2,730 | 2,700 | 2,750 | 2,840 | 2,838,000                                                   |
| 1951 | 2,770 | 2,730 | 2,710 | 2,800 | 2,850 | 2,921,000                                                   |
| 1952 | 2,740 | 2,840 | 2,790 | 2,780 | 2,740 | 3,051,000                                                   |
| 1953 | 2,690 | 2,740 | 2,690 | 2,730 | 2,710 | 2,974,000                                                   |
| 1954 | 2,590 | 2,700 | 2,580 | 2,600 | 2,640 | 3,252,000                                                   |

The figures during the high water months of May and June show more fluctuation than the other months due to there usually being an unrestricted water supply in those months and more irrigation waste at times.

If we consider the critical months of July, August and September when the river is under regulation according to priority rights it will be observed that there was a more or less gradual increase in the inflow until about July 1952. This increase doubtless reflected the gradual upbuilding of ground-water levels from increasing upstream irrigation diversions. Since July 1952, however, the inflow has been decreasing. The average inflow during July, August and September in recent years has been as follows:

| <u>Year</u> | <u>Average inflow<br/>sec.-ft.</u> |
|-------------|------------------------------------|
| 1951        | 2,790                              |
| 1952        | 2,770                              |
| 1953        | 2,710                              |
| 1954        | 2,610                              |

The period of decreasing inflow coincides with the period of increasing use of irrigation water by pumping from wells. In order to study the matter further records of fluctuations in some typical wells have been plotted and are shown on Plates 69 to 73 inclusive. Individual readings may be affected at times by local irrigation from



canals, local groundwater pumping, variable barometric pressure, etc., but certain conclusions may be reached from a study of these records.

The timing and extent of the groundwater rise in the spring months of April, May and June depends on the date when irrigation begins and the amount of water used by the canals in the area. More definite information as to ground-water changes can be obtained by studying the records during the balance of the year.

The well whose fluctuations are shown on Plate No. 69 is located near Springfield. It shows a definite year to year drop in the water-table since 1952. The location of this well is such that it probably reflects the heavy groundwater pumping that has occurred west and southwest of Moreland.

Plate No. 70 shows fluctuations in a well located near Pingree. It also shows a downward trend altho the drop between 1953 and 1954 is not as great as in the well shown on Plate No. 69.

Plate No. 71 shows fluctuations in a well near Thomas. After August 1, there is but little difference in the 1953 and 1954 records. This well is closer to the river than the others and with the river as a base control level for groundwater outflow, lesser fluctuations from year to year would be expected. Also canal diversions in 1954 were about 9% greater than in 1953, with much heavier diversions in May which caused the ground water to rise earlier in the season and to a greater extent than would have occurred with lesser canal diversions. In the Thomas area, therefore, the increased use of surface water in 1954 apparently just about offset the effect of groundwater pumping.



Well No. 72 is located a mile or so northeast of Aberdeen. There is a relatively small amount of groundwater inflow from this area into American Falls reservoir and the groundwater levels appear to be controlled principally by irrigation use on the Aberdeen project. The fluctuations in this well probably represent a condition not greatly affected by groundwater pumping, altho there are some wells in the vicinity used to provide supplemental supply to lands under the Aberdeen-Springfield canal or for drainage.

Well No. 73 is located on Michaud Flat about five miles northeast of American Falls. The groundwater levels are unaffected by irrigation from surface streams. The consistent drop during the past three years is probably mainly the result of pumping for irrigation.

More information would no doubt be disclosed by plotting the levels in the other wells where readings are being secured. The examples discussed herein, however, are sufficient to justify the statement that in certain portions of the area surrounding American Falls reservoir the groundwater levels are dropping to an extent not to be expected from the amounts of surface water being used for irrigation. The greatest drop among the wells whose records were examined appears to be in the Pingree-Springfield area, a region of heavy groundwater underflow.

There is an unknown time interval required for the ground water to travel from the wells to its emergence in the springs feeding the reservoir, so that conditions represented by groundwater levels at the wells may not be reflected in reservoir inflow until some months later. On this account the full effect of the heavy irrigation



deliveries to Snake River canals in 1954 may not be apparent in the springs until 1955.

Gain or Loss in Snake River, Neeley to Minidoka, 1954  
(Minidoka dates and 24-hr. sec.-ft., except as noted)  
- is loss

| Station        | May     | June    | July    | Aug.    | Sept.   | Total     |
|----------------|---------|---------|---------|---------|---------|-----------|
| Neeley         | 408,830 | 295,790 | 374,040 | 366,000 | 256,440 | 1,701,100 |
| Walcott rel.   | -1,155  | 2,294   | - 348   | 701     | 2,349   | 3,841     |
| Total Supply   | 407,675 | 298,084 | 373,692 | 366,701 | 258,789 | 1,704,941 |
| Misc. diver.   | 60      | 90      | 93      | 93      | 88      | 424       |
| N. Minidoka    | 46,370  | 30,729  | 49,350  | 46,700  | 28,455  | 201,604   |
| S. Minidoka    | 35,070  | 27,512  | 38,578  | 37,850  | 25,573  | 164,583   |
| Minidoka       | 324,360 | 240,710 | 284,950 | 279,860 | 205,430 | 1,335,310 |
| Total Use      | 405,860 | 299,041 | 372,971 | 364,503 | 259,546 | 1,701,921 |
| Tot.diff.s.f.  | -1,815  | 957     | - 721   | -2,198  | 757     | -3,020    |
| Mean diff.s.f. | - 59    | 32      | - 23    | - 71    | 25      | - 20      |
| Tot.diff.ac.f. | -3,600  | 1,898   | -1,430  | -4,360  | 1,501   | -5,991    |

The figures for this section indicate an average daily loss of 20 second-feet during the season, an insignificant percentage (0.2%) of the average daily flow, which is within the possible accuracy of measurement.

Gain in Snake River, Minidoka to Milner, 1954  
(Milner dates and 24-hr. sec.-ft. except as noted)

| Station         | May     | June    | July    | Aug.    | Sept.   | Total     |
|-----------------|---------|---------|---------|---------|---------|-----------|
| Minidoka        | 322,190 | 242,910 | 284,245 | 279,995 | 207,985 | 1,337,325 |
| Miscel.diver.   | 60      | 90      | 93      | 93      | 65      | 401       |
| P. A.           | 2,015   | 1,839   | 2,057   | 2,208   | 1,411   | 9,530     |
| Milner Low Lift | 6,640   | 6,187   | 7,362   | 7,571   | 4,555   | 32,315    |
| Gooding         | 75,760  | 72,040  | 78,010  | 75,980  | 67,410  | 369,200   |
| No. Side        | 75,940  | 68,140  | 83,740  | 84,050  | 61,100  | 372,970   |
| So. Side        | 109,900 | 94,320  | 110,500 | 111,450 | 82,410  | 508,580   |
| Milner          | 59,263  | 12,374  | 12,199  | 10,047  | 4,518   | 98,401    |
| Total Use       | 329,578 | 254,990 | 293,961 | 291,399 | 221,469 | 1,391,397 |
| Tot.gain s.f.   | 7,388   | 12,080  | 9,716   | 11,404  | 13,484  | 54,072    |
| Mean gain s.f.  | 238     | 403     | 313     | 368     | 449     | 353       |
| Tot.gain ac.f.  | 14,654  | 23,961  | 19,271  | 22,619  | 26,745  | 107,250   |

The total gain for the season was about 5% greater than in 1953. The gain in the entire section from Neeley to Milner during the period of storage deliveries, July 8 to September 30, amounted to 60,305



acre-feet. Of this quantity 49,960 acre-feet representing the gain July 8 to September 19 when the Minidoka canals were drawing stored water was credited to those canals as part of their storage supply. The balance of the gain, or 10,245 acre-feet, covering the period September 20 to 30, was unallotted and remained in the American Falls Reservoir at the close of the season on September 30.

#### DISTRIBUTION ON HENRYS FORK

Melvin Luke, who has been deputy watermaster at St. Anthony since 1931, continued in that position during 1954, in immediate charge of water distribution on Henrys Fork, Fall River, and lower Teton River.

Water supplies were ample in the areas that could be directly supplied with stored water from Henrys Lake, Island Park, and Grassy Lake reservoirs. Only a moderate draft was made on Henrys Lake, retaining 67,700 acre-feet in the Lake as holdover on September 30 so as to insure the reservoir filling in 1955 if that should prove to be a dry year. About 3,500 acre-feet of storage was drawn from Grassy Lake to reduce the lake level to a point desired to enter the winter period. The water supply in Fall River plus diversions from Henrys Fork by the Cross Cut Canal was sufficient to fill the demands by Fall River canals so that release of Grassy Lake storage was not necessary for that purpose.

Storage draft from Island Park reservoir began on July 8, Henrys Lake July 9 and Grassy Lake July 29. Combined holdovers in these three reservoirs on September 30, 1954, amounted to 124,670 acre-feet compared to 110,240 acre-feet a year previous.

The usual methods of segregating stored water and normal flow at the reservoir outlets were used. They are described in detail in the 1953 annual report.



Due to cold weather in early June the flow of Teton River dropped to a point where it was insufficient to fill water demands on that stream. About 2,100 acre-feet of water was carried from Henrys Fork thru the Cross Cut Canal to Teton River June 4-9, inclusive, resulting in a small draft on Island Park reservoir, but no storage charges were made for same as all reservoirs later filled to capacity. Diversions thru the Cross Cut Canal were resumed on July 11 and continued until September 27, altho from August 22 to September 6 the Cross Cut water was all delivered to Fall River canal users, no water being carried thru to Teton River during that period. Losses in the Cross Cut canal in 1954 averaged 10.3%. Total deliveries to Teton River thru the Cross Cut canal after July 11, 1954, amounted to 11,750 acre-feet. This includes some surplus water being carried at times, in excess of actual storage use on Teton River, to facilitate regulation, the surplus being spilled down Teton River and accounted for in the storage flow shown at the Rexburg gaging station on Henrys Fork.

Two trips were made by H. C. Eagle on July 15 and August 2, regulating water in the Island Park region. Most of the users in that section whose priority dates are ordinarily cut off own stored water in the Fremont-Madison Irrigation District. Others rented small amounts of storage. Results of measurements made by Mr. Eagle are as follows:

July 15, 1954

|                                              |               |
|----------------------------------------------|---------------|
| Sheridan Creek above diversions              | 29.8 sec.-ft. |
| Morain Creek                                 | 3.0           |
| Sheridan Creek at Highway 22                 | 11.7          |
| Railroad ranch north diversion (Sheridan Cr) | 3.0           |
| Sheridan Creek above reservoir               | 8.0           |



July 15, 1954 (continued)

|                                     |               |
|-------------------------------------|---------------|
| Icehouse Creek at Highway 22        | 10.0 sec.-ft. |
| Willow Creek at Highway 22          | 0.1 "         |
| Icehouse Creek at Forest road       | 8.0 "         |
| Grubb diversion from Icehouse Creek | 3.0 "         |

August 2, 1954

|                                                   |              |
|---------------------------------------------------|--------------|
| Icehouse Creek at Highway 22                      | 8.0 sec.-ft. |
| Icehouse Creek at Forest road                     | 8.0 "        |
| Grubb diversion from Icehouse Creek               | 3.0 "        |
| Morain Creek                                      | 3.0 "        |
| Sheridan Creek at Highway 22                      | 10.1 "       |
| Sheridan Creek above diversions                   | 23.6 "       |
| Sheridan Creek below diversions                   | 4.0 "        |
| Railroad Ranch north diversion (Sheridan Creek)   | Dry          |
| Railroad ranch south diversion (Sheridan Creek)   | 3.0 "        |
| Railroad ranch, Willow Creek diversion at highway | 2.0 "        |
| Philip Finley diversion from Howard Cr.           | 2.0 "        |
| Laird diversion from No. Twin Cr.                 | 3.0 "        |
| Salisbury diversion from Targhee Cr.              | 11.0 "       |
| Salisbury diversion from Howard Cr.               | 3.0 "        |
| Howard Creek at road                              | 4.0 "        |
| Howard Creek at mouth                             | 0.5 "        |
| Targhee Creek at road                             | 14.0 "       |
| Targhee Creek at mouth                            | 2.0 "        |
| Springs at road                                   | 2.0 "        |
| Springs at mouth                                  | 2.0 "        |
| Timber Creek at road                              | 2.0 "        |
| Timber Creek at mouth                             | 2.0 "        |
| Duck Creek at road                                | 10.0 "       |
| Staley Creek at road                              | 6.0 "        |
| Staley Creek at mouth                             | 6.0 "        |
| Rock Springs at road                              | 5.0 "        |
| Rock Springs at mouth                             | 5.0 "        |

Stored water allotments from Henrys Fork reservoirs in 1954 were made as follows:



Henrys Lake Allotment 1954

|                                 |                  |
|---------------------------------|------------------|
| July 9, Contents                | 80,000 acre-feet |
| estimated dead storage and loss | <u>3,000</u> "   |
| Available for allotment         | 77,000 acre-feet |

|                      | <u>Allotted</u> |                  |
|----------------------|-----------------|------------------|
| Dewey                | 1.43%           | 1,100 acre-feet  |
| Last Chance          | 13.87           | 10,680 "         |
| St. Anthony Union    | 6.8             | 5,240 "          |
| Salem Union          | 24.2            | 18,630 "         |
| Egin                 | 6.8             | 5,240 "          |
| Independent          | 26.8            | 20,630 "         |
| Consolidated Farmers | <u>20.1</u>     | <u>15,480</u> "  |
|                      | 100.0           | 77,000 acre-feet |

From July 9 to September 30, Henrys Lake contents decreased by 12,300 acre-feet. During the same period the stored water, as calculated, that was discharged past the outlet station amounted to 10,700 acre-feet, showing an indicated loss in the lake of 1,600 acre-feet during the above period. This loss is 500 acre-feet greater than in 1953. The apparent increase in loss may be due to the fact that in 1954 a substantial acreage around Henrys Lake was irrigated by sprinklers which may have resulted in a more complete use of the flow in one of the tributary streams with less return flow to the Lake than formerly.

Fremont-Madison District Allotment  
1954

|                      |         |                   |
|----------------------|---------|-------------------|
| Island Park,         | July 8  | 135,045 acre-feet |
| Grassy Lake          | July 29 | 15,180 "          |
| Sheridan Creek right |         | <u>1,928</u> "    |
| Total                |         | 152,153 acre-feet |

The District allocated 131,899 acre-feet to its landowners, including a proportionate part of its unsold space to those needing more than their regular allotment. It also rented an additional 1,678 acre-feet, making a total allotment of 133,577 acre-feet.



Snake river storage water allocated in 1954 for use on Henrys Fork and tributaries was as follows, reservoir measurement:

|                                             |                  |
|---------------------------------------------|------------------|
| Enterprise Irr. Dist. - Jackson Lake        | 13,189 acre-feet |
| Enterprise Irr. Dist. - American Falls      | 2,882 "          |
| Twin Falls Canal Co. rentals - Jackson Lake | <u>230</u> "     |
| Total                                       | 16,301 acre-feet |

Allowing for 7.26% transmission loss this would be equivalent to 15,120 acre-feet at the Rexburg gaging station. As shown on Plate 21 there was a minus storage balance for the season at that station of 7,994 second-feet or 15,856 acre-feet, indicating the retention of Snake River water of that amount on Henrys Fork, or 736 acre-feet in excess of the amount yielded by the Snake River allotment. There was about 13,300 acre-feet of Island Park reservoir water in Henrys Lake on September 30, 1954, due to filling certain Henrys Lake rights temporarily during the season from Island Park. There is every likelihood that Island Park Reservoir will fill by the beginning of the 1955 season, in which event the full 1954 holdover in Henrys Lake will belong to rights in that Lake.

Diversions during 1954 irrigation season from  
Fall River, Henrys Fork and lower Teton River

| Canal                    | Diversions<br>(acre-feet) | Area<br>Irrigated<br>(acres) | Acre-feet<br>per acre |
|--------------------------|---------------------------|------------------------------|-----------------------|
| <u>Fall River Canals</u> |                           |                              |                       |
| Yellowstone              | 3,280                     | 1,000                        | 3.3                   |
| Marysville               | 44,800                    | 15,000                       | 3.0                   |
| Farmers Own              | 15,300                    | 4,800                        | 3.2                   |
| Almy                     | 290                       | 80                           | 3.6                   |
| Enterprise               | 40,800                    | 5,920                        | 6.9                   |
| Bell                     | 1,800                     | 320                          | 5.6                   |
| Fall River               | 97,200 (a)                | 9,000                        | 10.8                  |
| McBee                    | 437                       | 54                           | 8.1                   |
| Chester                  | 14,800                    | 1,350                        | 11.0                  |
| Silkey                   | 3,240                     | 680                          | 4.8                   |
| Cur                      | 9,900                     | 1,300                        | 7.6                   |
| Total Fall River         | 231,847                   | 39,504                       | 5.9                   |

(a) includes 19,600 acre-feet diverted thru Cross Cut.



Diversions during 1954 irrigation season - continued

| Canal                                                | Diversions<br>(acre-feet) | Area<br>Irrigated<br>(acres) | Acre-feet<br>per acre |
|------------------------------------------------------|---------------------------|------------------------------|-----------------------|
| <u>Henrys Fork Canals</u>                            |                           |                              |                       |
| Dewey                                                | 6,540                     | 1,000                        | 6.5                   |
| Last Chance                                          | 21,500                    | 1,850                        | 11.6                  |
| St. Anthony Union                                    | 133,000                   | 10,000                       | 13.3                  |
| Farmers Friend                                       | 28,800                    | 2,800                        | 10.3                  |
| Twin Groves                                          | 39,000                    | 2,600                        | 15.0                  |
| Salem Union                                          | 51,600                    | 5,700                        | 9.1                   |
| Egin                                                 | 78,200                    | 6,000                        | 13.0                  |
| St. Anthony U. Feeder                                | 32,900                    | 2,000                        | 16.4                  |
| Independent                                          | 62,600                    | 7,000                        | 9.0                   |
| Consolidated Farmers                                 | 57,800                    | 6,000                        | 9.6                   |
| Total Henrys Fork                                    | 511,940                   | 44,950                       | 11.4                  |
| <u>Lower Teton Canals</u>                            |                           |                              |                       |
| Siddoway                                             | 3,040                     | 500                          | 6.1                   |
| Wilford                                              | 25,800                    | 2,500                        | 10.3                  |
| Teton Irrigation                                     | 24,100                    | 2,000                        | 12.0                  |
| Good Luck                                            | 3,880                     | 400                          | 9.7                   |
| Pioneer                                              | 2,690                     | 300                          | 9.0                   |
| Stewart                                              | 3,790                     | 360                          | 10.5                  |
| Pincock Byington                                     | 5,570                     | 400                          | 13.9                  |
| Pincock Garner                                       | 4,850                     | 480                          | 10.1                  |
| Teton Isl. Feeder                                    | 101,000                   | 10,400                       | 9.7                   |
| Roxana                                               | 4,430                     | 720                          | 6.2                   |
| Island Ward                                          | 6,050 (b)                 | 3,000                        | 2.0                   |
| Woodmansee-Johnson                                   | 6,210 (c)                 | 1,300                        | 4.8                   |
| City of Rexburg                                      | 8,200                     | 1,200                        | 6.8                   |
| Rexburg Irrigation                                   | 54,500                    | 5,280                        | 10.3                  |
| McCormuck Rowe                                       | 824                       | 150                          | 5.5                   |
| Saurey Sommers                                       | 3,030                     | 500                          | 6.1                   |
| Gardner                                              | 397                       | 200                          | 2.0                   |
| Eames Thompson                                       | 409                       | 160                          | 2.6                   |
| Total Lower Teton                                    | 258,770                   | 29,850                       | 8.7                   |
| Total Fall River,<br>Henrys Fork, and<br>Lower Teton | 1,002,557                 | 114,304                      | 8.8                   |

(b) Used additional water from Henrys Fork thru Consolidated Farmers

(c) Used additional water from Moody Creek and Teton Irr. canal waste.

Total diversions by the above group of canals were about 32,600 acre-feet greater than in 1953 and for the first time in history exceeded 1,000,000 acre-feet.



Capacity of the St. Anthony Union Feeder Canal was increased by enlargement so that its 1954 diversions were 75% greater than in 1953.

Diversions by some of the larger canals in the headwater areas for the irrigation season May 15 to September 30, 1954 are shown in the following table:

| Canal                | Diversions<br>(acre-feet) | Irrigated<br>Area (acres) | Acre-feet<br>per acre |
|----------------------|---------------------------|---------------------------|-----------------------|
| String Canal         | 14,300                    | 2,400                     | 6.0                   |
| Trail Creek Irrig.   | 28,200                    | 5,000                     | 5.6                   |
| Fox Creek Canals     | 12,300                    | 3,800                     | 3.2                   |
| Darby Creek Canals   | 17,800                    | 4,900                     | 3.6                   |
| Grand Teton Canal    | 33,500                    | 6,500                     | 5.2                   |
| Canyon Creek Canal   | 5,600                     | 2,200                     | 2.5                   |
| Conant Creek Canal   | 5,700                     | 2,000                     | 2.8                   |
| Squirrel Creek Canal | 1,760                     | 500                       | 3.5                   |

#### River Gains in Henrys Fork Basin, 1954

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.  |
| Tetonia to St. Anthony | 10 hrs. |

#### Gain in Henrys Fork, Lake to Island Park, 1954

(Island Park dates and 24-hr. sec.-ft. except as noted)

| Station         | May    | June   | July   | Aug.   | Sept.  | Total   |
|-----------------|--------|--------|--------|--------|--------|---------|
| Lake            | 553    | 2,137  | 3,465  | 2,677  | 1,757  | 10,589  |
| I. P. release   | 1,185  | - 164  | 13,076 | 16,532 | 15,717 | 46,446  |
| Total Supply    | 1,738  | 1,973  | 16,541 | 19,309 | 17,474 | 57,035  |
| Island Park     | 28,530 | 24,594 | 32,721 | 35,053 | 31,492 | 152,400 |
| Tot. gain s.f.  | 26,792 | 22,621 | 16,180 | 15,754 | 14,018 | 95,365  |
| Mean gain s.f.  | 864    | 754    | 522    | 508    | 467    | 623     |
| Tot. gain ac.f. | 53,141 | 44,868 | 32,093 | 31,248 | 27,805 | 189,155 |

The seasonal gain was 91% of the gain during 1953, practically all of the deficiency occurring in May and June. The snowfall in 1954



was about the same as in 1953 but the 1953 gain was probably greater than it would have otherwise been, on account of heavy contributions to ground water that year from the excessive snowfall in 1952.

Gain in Henrys Fork, Island Park to Ashton, 1954

(Ashton dates and 24-hr. sec.-ft. except as noted)

| Station        | May    | June   | July   | Aug.   | Sept.  | Total   |
|----------------|--------|--------|--------|--------|--------|---------|
| Island Park    | 28,766 | 24,555 | 32,145 | 35,427 | 31,944 | 152,837 |
| Ashton         | 69,870 | 55,800 | 55,570 | 56,840 | 54,110 | 292,190 |
| Tot.gain s.f.  | 41,104 | 31,245 | 23,425 | 21,413 | 22,166 | 139,353 |
| Mean gain s.f. | 1,326  | 1,042  | 756    | 691    | 739    | 911     |
| Tot.gain ac.f. | 81,528 | 61,974 | 46,463 | 42,472 | 43,965 | 276,402 |

The gain for the season was 96% of the gain during a similar period in 1953. It was slightly greater in May and September, but less during the other months.

Gain in Henrys Fork, Ashton to St. Anthony, 1954

(St. Anthony dates and 24-hr. sec.-ft. except as noted)

| Station        | May     | June    | July   | Aug.   | Sept.  | Total   |
|----------------|---------|---------|--------|--------|--------|---------|
| Ashton         | 70,053  | 55,810  | 55,420 | 57,000 | 54,198 | 292,481 |
| Chester        | 61,583  | 40,404  | 17,825 | 6,380  | 5,934  | 132,126 |
| Total Supply   | 131,636 | 96,214  | 73,245 | 63,380 | 60,132 | 424,607 |
| Diversions     | 35,876  | 34,187  | 36,221 | 31,940 | 20,722 | 158,946 |
| St. Anthony    | 98,290  | 66,070  | 41,983 | 35,775 | 40,980 | 283,098 |
| Total Use      | 134,166 | 100,257 | 78,204 | 61,715 | 61,702 | 442,044 |
| Tot.gain s.f.  | 2,530   | 4,043   | 4,959  | 4,335  | 1,570  | 17,437  |
| Mean gain s.f. | 82      | 135     | 160    | 140    | 52     | 114     |
| Tot.gain ac.f. | 5,018   | 8,019   | 9,836  | 8,598  | 3,114  | 34,585  |

The seasonal gain averaged 114 sec.-ft. compared to 97 sec.-ft. a year ago.



Gain in Fall River, Squirrel to Chester, 1954

(Chester dates and 24-hr. sec.-ft. except as noted)

| Station         | May    | June   | July   | Aug.   | Sept.  | Total   |
|-----------------|--------|--------|--------|--------|--------|---------|
| Squirrel        | 66,680 | 54,650 | 32,421 | 19,311 | 16,583 | 189,645 |
| Diversions      | 15,272 | 20,754 | 18,231 | 14,834 | 13,606 | 82,747  |
| Chester         | 61,397 | 40,513 | 17,591 | 6,390  | 5,932  | 131,823 |
| Tot. use s.f.   | 76,669 | 61,267 | 35,822 | 21,274 | 19,538 | 214,570 |
| Tot. gain s.f.  | 9,989  | 6,617  | 3,401  | 1,963  | 2,955  | 24,925  |
| Mean gain s.f.  | 322    | 221    | 110    | 63     | 98     | 163     |
| Tot. gain ac.f. | 19,813 | 13,125 | 6,745  | 3,893  | 5,861  | 49,437  |

The seasonal gain in this section was practically the same as in 1953.

Gain in Teton River, Tetonia to St. Anthony, 1954

(St. Anthony dates and 24-hr. sec.-ft., except as noted)

| Station          | May    | June   | July   | Aug.   | Sept.  | Total   |
|------------------|--------|--------|--------|--------|--------|---------|
| Tetonia          | 16,232 | 16,349 | 17,142 | 13,248 | 9,782  | 72,753  |
| Cross Cut inflow | 0      | 982    | 2,095  | 1,810  | 2,021  | 6,908   |
| Total Supply     | 16,232 | 17,331 | 19,237 | 15,058 | 11,803 | 79,661  |
| St. Anthony      | 47,663 | 39,695 | 32,769 | 22,250 | 17,751 | 160,128 |
| Tot. gain s.f.   | 31,431 | 22,364 | 13,532 | 7,192  | 5,948  | 80,467  |
| Mean gain s.f.   | 1,014  | 745    | 437    | 232    | 198    | 526     |
| Tot. gain ac.f.  | 62,343 | 44,358 | 26,840 | 14,265 | 11,797 | 159,603 |

The seasonal gain in this section was about 4% less than during the preceding year.

Gain in Henrys Fork and Teton River, St. Anthony to Rexburg, 1954

(St. Anthony dates and 24-hr. sec.-ft., except as noted)

| Station         | May     | June    | July   | Aug.   | Sept.  | Total   |
|-----------------|---------|---------|--------|--------|--------|---------|
| Teton R.        | 47,663  | 39,695  | 32,769 | 22,250 | 17,751 | 160,128 |
| Henrys Fork     | 98,290  | 66,070  | 41,983 | 35,775 | 40,980 | 283,098 |
| Total Supply    | 145,953 | 105,765 | 74,752 | 58,025 | 58,731 | 443,226 |
| Teton diver.    | 27,679  | 33,877  | 29,991 | 21,282 | 17,522 | 130,351 |
| Hen.Fk. diver.  | 32,282  | 25,926  | 23,786 | 20,385 | 14,415 | 116,794 |
| Rexburg         | 97,715  | 66,272  | 43,810 | 38,422 | 43,065 | 289,284 |
| Total Use       | 157,676 | 126,075 | 97,587 | 80,089 | 75,002 | 536,429 |
| Tot. gain s.f.  | 11,723  | 20,310  | 22,835 | 22,064 | 16,271 | 93,203  |
| Mean gain s.f.  | 378     | 677     | 737    | 712    | 542    | 609     |
| Tot. gain ac.f. | 23,252  | 40,284  | 45,292 | 43,763 | 32,274 | 184,865 |

The seasonal gain averaged 41 second-feet, or 6% less than the



gain during the same period a year ago. In none of the above months was it as great as in 1953.

#### TETON BASIN

C. D. Cooper, with headquarters at Driggs, acted as deputy watermaster on Teton River and its tributaries in Teton Basin. Stream flows furnished a fairly adequate water supply until about mid-July, but dropped substantially after that date. Water supply conditions, however, were as good as usually experienced in that section. Some crop damage occurred due to heavy hail storms in localized areas on several occasions during the late summer.

No further efforts were made during the year towards resuming negotiations with Wyoming regarding a proposed inter-state Water Compact in Teton Basin. There appears to be a feeling on the part of Idaho users that there is small likelihood of Wyoming voluntarily agreeing to the Idaho views on this subject, and that to get any effective results it would first be necessary to initiate some kind of legal action against the Wyoming waterusers. Apparently the Idaho users are dis-inclined to incur the necessary legal expenses to start a court action and thus the matter rests for the time being.

The water was divided between the two states in 1954 under the terms of the Wyoming Federal Court decree entered in 1940.

Stored water was diverted in Teton Basin in 1954, through exchange for natural flow, on the basis agreed upon some years ago of diverting 1.625 times the amount of storage delivered thru the Cross Cut Canal to lower Teton River.

Teton Basin waterusers were allotted 6,722 acre-feet and rented an additional 84 acre-feet of Fremont-Madison storage, reservoir



measurement, which would have entitled them to divert 9,678 acre-feet in Teton Basin. They actually diverted 7,428 acre-feet of stored water. Details of their storage diversions are shown on Plate 23.

The discharge of various streams and canals in Teton Basin are shown on Plates 24, 45 and 46.

Mr. Seth Hansen of Tetonia was again appointed as a special deputy watermaster on South Leigh Creek on an hourly basis for time actually worked. One-half of this cost, amounting to \$123.00, was charged to the local users as a special expense, and one-half was paid by District No. 36. The multitude of canals and poor regulating facilities on the Leigh Creeks require additional attention at times beyond what can be furnished by the regular deputy watermaster in Teton Basin.

Mr. Cooper was obliged to terminate his services in Teton Basin about September 1 to resume his teaching position in Rexburg. He was, however, able to make several week-end visits to the Basin thereafter, and with the assistance of Mr. Hansen and local canal watermasters it was possible to continue satisfactory regulation until the end of the season.

#### SWAN VALLEY

F. S. Thomas served as deputy watermaster on the tributary creeks between Alpine and Conant Valley. He also acted as canal watermaster on several canals whose waterusers paid \$5 per day as a special charge for such service, the balance of his salary being a general charge to District No. 36. Stored water rentals in this section amounted to 258 acre-feet for the 1954 season. The results



of measurements by Mr. Thomas are shown on Plate 24. Some miscellaneous measurements not tabulated thereon are listed below:

Miscellaneous Measurements near Irwin, Idaho, 1954

| <u>Stream</u>                         | <u>Date</u> | <u>Gage</u> | <u>Discharge</u><br>(sec.-ft.) |
|---------------------------------------|-------------|-------------|--------------------------------|
| Palisades Creek below Palisades canal | Sept. 8     |             | 12.7                           |
| North Fork Indian Creek above diver.  | June 9      | 1.12        | 35.0                           |
| do                                    | July 14     | .76         | 35.7                           |
| do                                    | Aug. 3      | .36         | 19.2                           |
| do                                    | Aug. 25     | .10         | 12.1                           |
| do                                    | Sept. 2     | .44         | 8.4                            |
| South Fork Indian Creek above diver.  | June 9      | .44         | 10.9                           |
| do                                    | July 14     | .72         | 20.7                           |

PRECIPITATION IN INCHES

(Actual and normal for year ending September 30, 1954)

| <u>Month</u> | <u>Snake R.</u> |             | <u>Moran</u> |             | <u>Jackson</u> |             | <u>Bedford</u> |             | <u>Irwin</u> |             |
|--------------|-----------------|-------------|--------------|-------------|----------------|-------------|----------------|-------------|--------------|-------------|
|              | <u>Act.</u>     | <u>Nor.</u> | <u>Act.</u>  | <u>Nor.</u> | <u>Act.</u>    | <u>Nor.</u> | <u>Act.</u>    | <u>Nor.</u> | <u>Act.</u>  | <u>Nor.</u> |
| Oct.         | .74             | 2.02        | .73          | 1.62        | .51            | 1.24        | 1.47           | 1.66        | .55          | 1.26        |
| Nov.         | 3.41            | 2.85        | 1.62         | 1.85        | .42            | 1.08        | 1.34           | 1.51        | .63          | 1.15        |
| Dec.         | 4.01            | 3.19        | 1.96         | 1.96        | .94            | 1.50        | 2.23           | 1.74        | 1.42         | 1.25        |
| Jan.         | 6.24            | 3.96        | 2.69         | 2.29        | 2.31           | 1.55        | 3.12           | 1.93        | 1.29         | 1.42        |
| Feb.         | 3.27            | 3.14        | 1.66         | 2.20        | 1.08           | 1.52        | 1.48           | 1.73        | .59          | 1.15        |
| Mar.         | 4.99            | 3.41        | 2.06         | 2.08        | 2.03           | 1.34        | 4.09           | 1.74        | 2.49         | 1.14        |
| Apr.         | 3.11            | 2.17        | 1.50         | 1.72        | .95            | 1.29        | 1.30           | 1.58        | 1.58         | 1.06        |
| May          | 1.51            | 2.41        | 1.45         | 1.87        | 1.54           | 1.71        | 2.11           | 2.08        | 1.19         | 1.67        |
| June         | 4.55            | 2.45        | 3.56         | 1.80        | 2.09           | 1.39        | 3.78           | 1.78        | 2.97         | 1.53        |
| July         | 1.34            | 1.50        | .91          | 1.15        | .88            | .88         | .85            | .95         | 1.40         | .97         |
| Aug.         | .76             | 1.56        | .74          | 1.35        | .26            | 1.36        | .67            | 1.17        | .75          | .87         |
| Sept.        | 1.26            | 1.80        | .53          | 1.71        | .52            | 1.50        | .85            | 1.33        | .45          | 1.18        |
| Year         | 35.19           | 30.46       | 19.41        | 21.60       | 13.53          | 16.36       | 23.29          | 19.20       | 15.31        | 14.65       |

| <u>Month</u> | <u>Ashton</u> |             | <u>Idaho Falls</u> |             | <u>Pocatello</u> |             | <u>Twin Falls</u> |             | <u>Av. 9 stas.</u> |             |
|--------------|---------------|-------------|--------------------|-------------|------------------|-------------|-------------------|-------------|--------------------|-------------|
|              | <u>Act.</u>   | <u>Nor.</u> | <u>Act.</u>        | <u>Nor.</u> | <u>Act.</u>      | <u>Nor.</u> | <u>Act.</u>       | <u>Nor.</u> | <u>Act.</u>        | <u>Nor.</u> |
| Oct.         | 1.48          | 1.28        | .29                | .98         | 1.16             | 1.04        | .88               | .91         | .87                | 1.33        |
| Nov.         | 1.53          | 1.30        | .27                | .79         | .81              | 1.06        | .40               | 1.08        | 1.16               | 1.41        |
| Dec.         | 1.96          | 1.64        | .50                | 1.06        | .38              | 1.14        | .49               | .90         | 1.54               | 1.60        |
| Jan.         | 1.87          | 1.88        | .10                | 1.31        | .83              | 1.21        | .45               | 1.10        | 2.10               | 1.85        |
| Feb.         | .69           | 1.52        | .42                | .97         | .43              | .93         | .44               | .88         | 1.12               | 1.56        |
| Mar.         | 2.16          | 1.21        | .90                | 1.08        | 1.02             | 1.13        | 1.33              | .85         | 2.34               | 1.55        |
| Apr.         | 1.97          | 1.16        | .69                | .94         | 1.01             | 1.32        | .46               | 1.11        | 1.39               | 1.37        |
| May          | .80           | 1.71        | .56                | 1.24        | .87              | 1.21        | 0                 | 1.03        | 1.11               | 1.66        |
| June         | 2.19          | 1.66        | 1.24               | 1.21        | 1.48             | 1.02        | 1.65              | .81         | 2.61               | 1.52        |
| July         | 1.01          | .94         | 1.06               | .62         | .08              | .76         | .55               | .35         | .90                | .90         |
| Aug.         | .38           | .79         | 1.02               | .59         | .44              | .72         | .03               | .22         | .56                | .96         |
| Sept.        | .01           | 1.12        | .13                | .82         | .38              | .90         | 0                 | .57         | .46                | 1.21        |
| Year         | 16.05         | 16.21       | 7.18               | 11.61       | 8.89             | 12.44       | 6.68              | 9.81        | 16.16              | 16.92       |



January, March, and June were generally months with substantially above-normal precipitation; October, May, August and September showed marked percentage deficiencies. The annual precipitation was above normal at Snake River, Bedford, and Irwin; it was below normal at Moran, Jackson, Ashton, Idaho Falls, Pocatello, and Twin Falls. The annual precipitation at Idaho Falls was only 62% of normal.

### EXPENDITURES DURING YEAR ENDING DECEMBER 31, 1954

#### Engineers and Hydrographers

|                |                             |            |
|----------------|-----------------------------|------------|
| Lynn Crandall  | Salary 1 year               | \$9,229.27 |
| Henry C. Eagle | Salary 1 year               | 6,701.43   |
| Melvin Luke    | Salary 5 months @ \$325 mo. | 1,625.00   |
| C. D. Cooper   | Salary 3.28 mo. @ \$300 mo. | 984.00     |
| A. H. Bush     | Salary 2.50 mo. @ \$300 mo. | 750.00     |
| Oleen Dummer   | Salary 5.45 mo. @ \$300 mo. | 1,635.00   |
| R. H. Seymour  | Salary 4.5 days @ \$14 day  | 63.00      |

#### Clerk

|                  |               |          |
|------------------|---------------|----------|
| Charlotte M. Elg | Salary 1 year | 3,655.08 |
|------------------|---------------|----------|

#### River Riders

|                  |                                  |          |
|------------------|----------------------------------|----------|
| D. R. Anthony    | 84 days @ \$9.50 incl. mileage   | 798.00   |
| Gale M. Bramwell | 84 days @ \$9.50 incl. mileage   | 798.00   |
| R. W. Milligan   | 36 days @ \$10.50 incl. mileage  | 378.00   |
| C. J. Anderson   | 84 days @ \$9.25 incl. mileage   | 777.00   |
| F. S. Thomas     | 117 days @ \$14.00 incl. mileage | 1,638.00 |
| Elmer Lenz       | 2.67 mo. @ \$75.00 incl. mileage | 200.00   |
| Joe Bohi         | 81 days @ \$10.00 incl. mileage  | 810.00   |
| S. B. Garrett    | 81 days @ \$10.00 incl. mileage  | 810.00   |
| Seth Hansen      | 254 hr. @ \$2.00 incl. mileage   | 508.00   |

#### Miscellaneous

|                                          |          |
|------------------------------------------|----------|
| Transportation, 42,722 miles @ 7¢ a mile | 2,990.54 |
| Telephone and Telegraph                  | 520.39   |
| Supplies and Equipment                   | 1,077.75 |
| Gage Readers                             | 666.98   |
| Bond Premium and Insurance               | 136.25   |
| Interest                                 | 54.85    |
| Social Security                          | 189.64   |
| Miscellaneous                            | 524.21   |
| Ground Water Investigations              | 1,500.00 |
| Postage                                  | 264.56   |

Total \$39,284.95



Expenditures from various funds

|                                   |                 |
|-----------------------------------|-----------------|
| Waterusers Funds                  | \$20,869.66     |
| State of Idaho Stream Gaging Fund | 3,333.33        |
| U. S. Geological Survey           | 10,200.48       |
| U. S. Bureau of Reclamation       | <u>4,881.48</u> |
| Total                             | \$39,284.95     |

In addition to the foregoing, upper valley members of the Committee of Nine were paid \$717.50 for services at \$10.00 per day, and expenses, which was pro-rated among upper valley canals.

Funds on hand January 1, 1955

|                                   |                 |
|-----------------------------------|-----------------|
| District 36 Waterusers Fund       | \$12,644.84     |
| State of Idaho Stream Gaging Fund | 1,616.37        |
| U. S. Geological Survey Funds     | 5,247.34        |
| U. S. Bureau of Reclamation Funds | <u>1,854.66</u> |
| Total                             | \$21,393.21     |



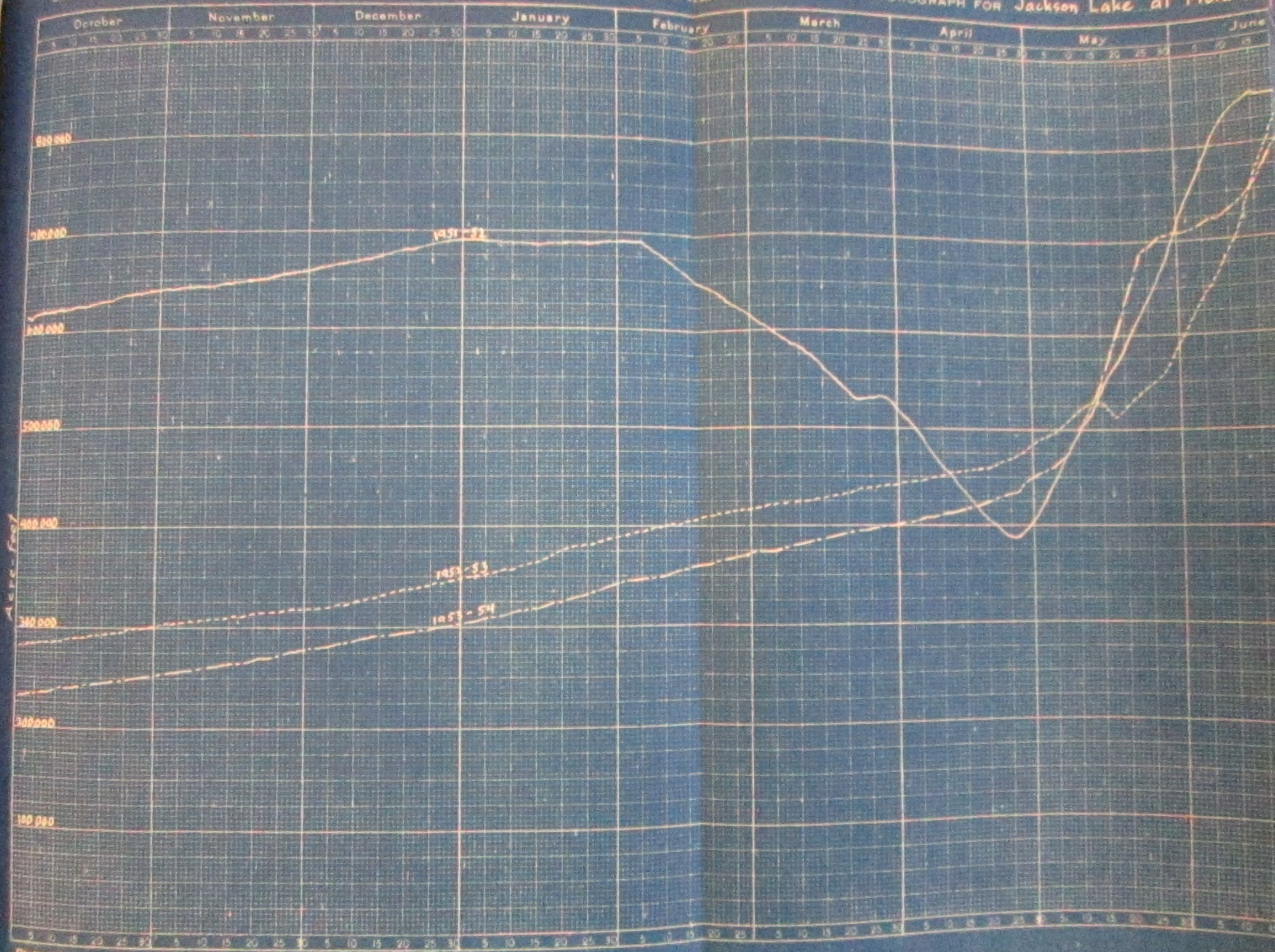
# PRINCIPAL STREAMS AND GAGING STATIONS WATER DISTRICT NO. 36

SCALE IN MILES  
0 10 20 30



| 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 LAKE 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  | FALL RIVER NEAR SQUIRREL                   |
| 15  | FALL RIVER NEAR CHESTER                    |
| 16  | HENRYS FORK AT ST. ANTHONY                 |
| 17  | TETON RIVER NEAR TETONIA                   |
| 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                      |





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

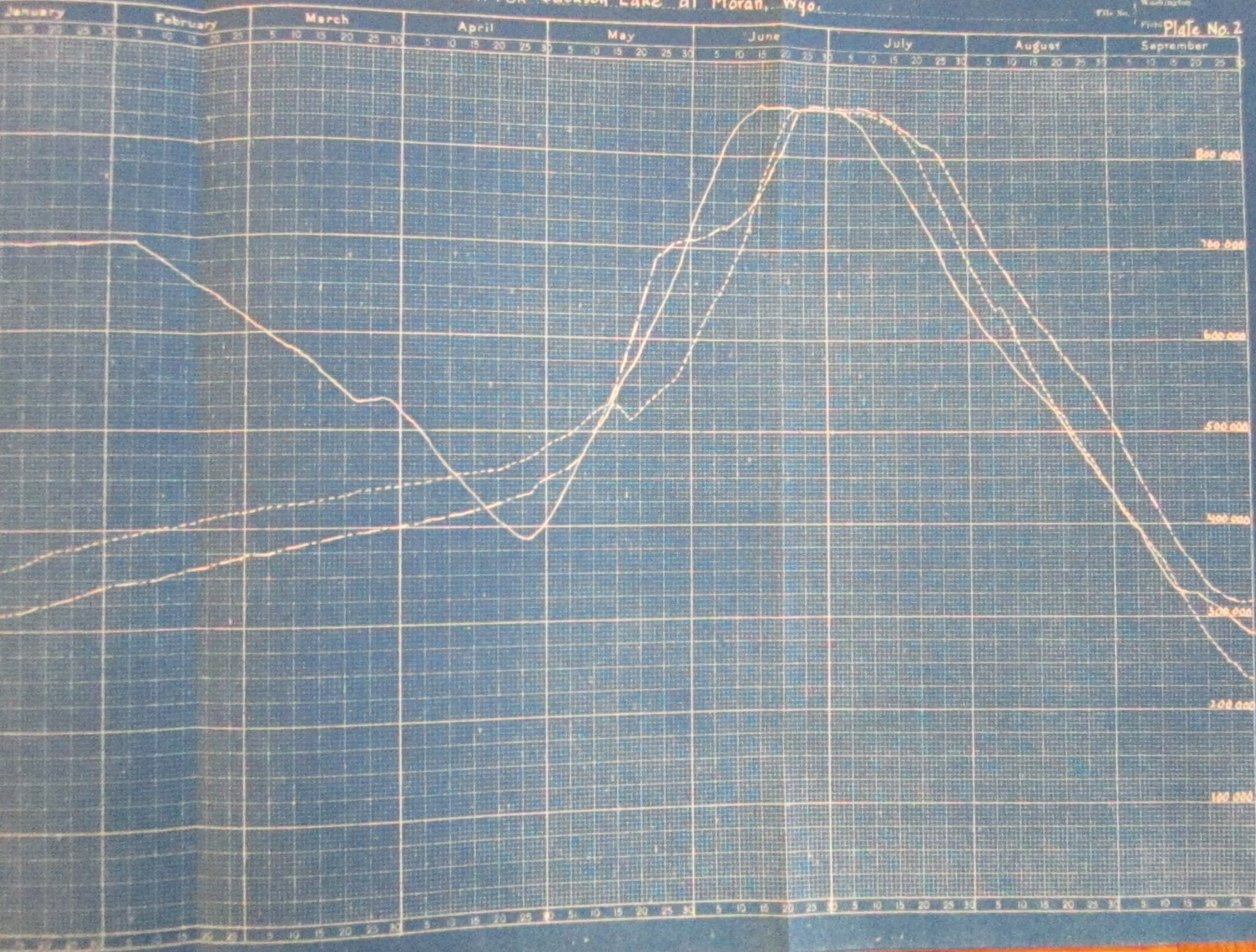


# HYDROGRAPH FOR Jackson Lake at Moran, Wyo.

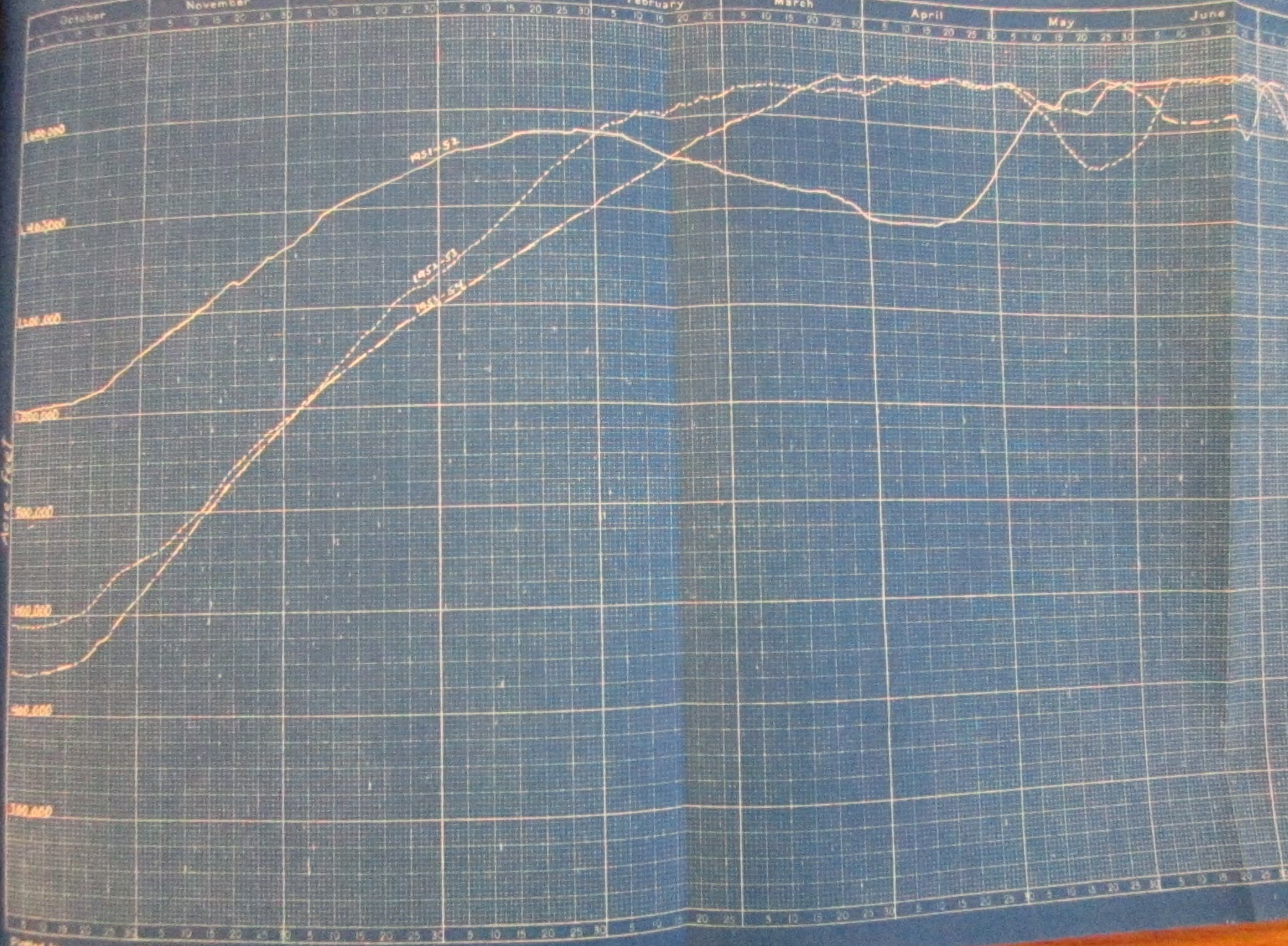
File No.

Washington

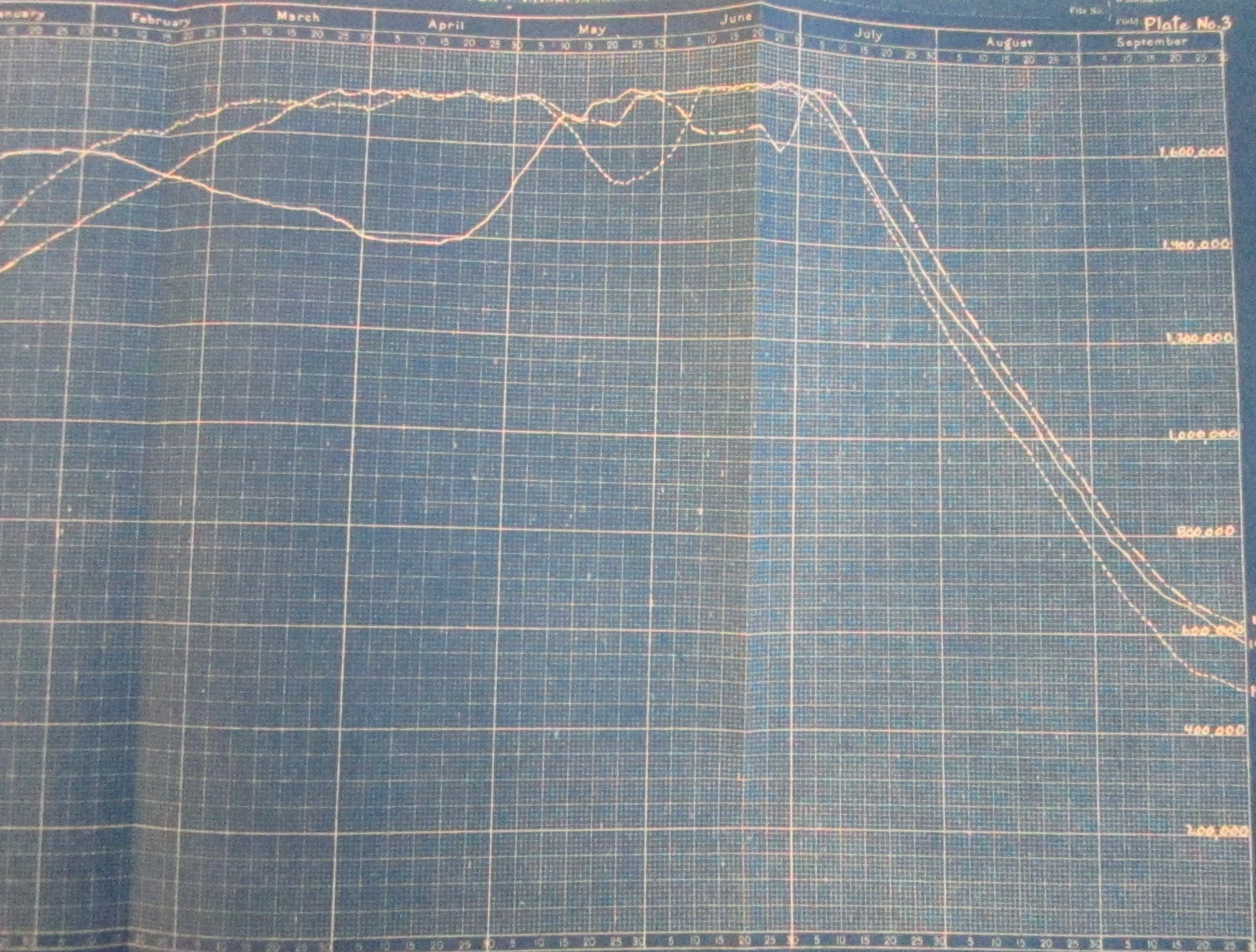
Plate No. 2





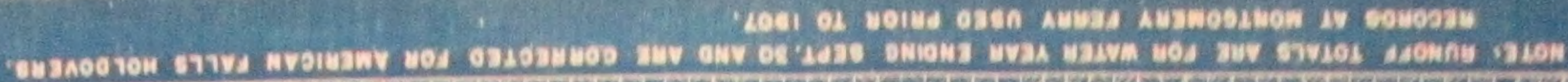








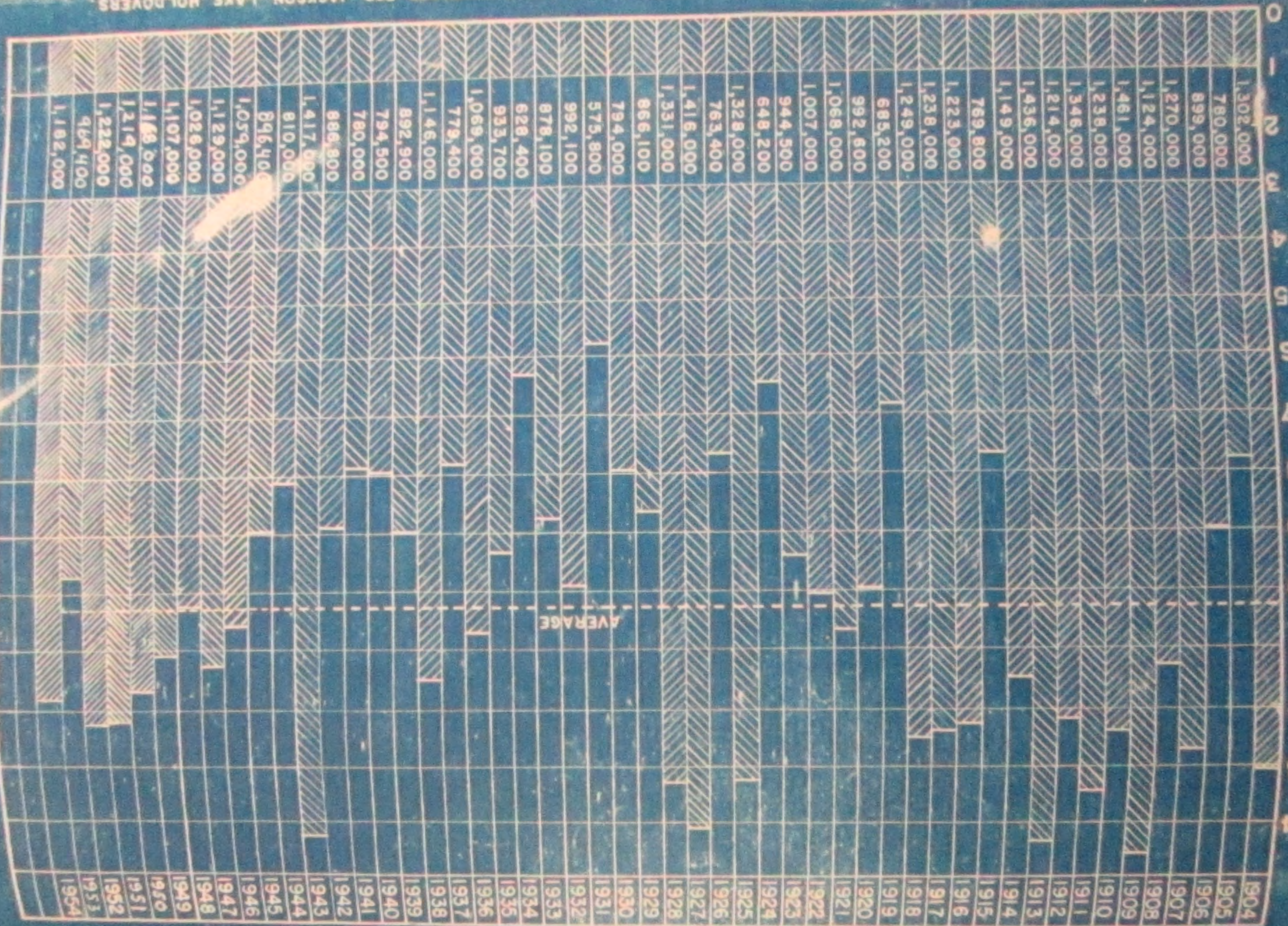
ANNUAL RUNOFF OF SNAKE RIVER AT NEELEY, IDAHO



NOTE: RUNOFF TOTALS ARE FOR WATER YEAR ENDING SEPT. 30 AND ARE CORRELATED FOR AMERICAN FALLS HOLDERS.



# RUNOFF IN HUNDREDS OF THOUSANDS OF ACRES- FEET



NOTE: RUNOFF TOTALS ARE FOR WATER YEAR ENDING SEPT. 30 AND ARE CORRECTED FOR JACKSON LAKE HOLLOWERS.

ANNUAL RUNOFF OF SNAKE RIVER AT MORAN, WYO.



MAY 1954

DAILY DISCHARGE IN SECOND-FOOT OF SNAKE RIVER CANALS

| 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                      |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     |
| ANDERSON                   |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     |
| EAGLE ROCK                 |  | 100 | 150 | 205 | 205 | 210 | 229 | 230 | 230 | 240 | 248 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250   | 250   |
| FARMERS FRIEND             |  | 100 | 150 | 205 | 205 | 210 | 229 | 230 | 230 | 240 | 248 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250   | 250   |
| ENTERPRISE                 |  | 54  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55  | 55    | 55    |
| NELSON                     |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     |
| MATTSON & CRAIG            |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     |
| ARNESBERGER                |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     |
| BUTLER ISLAND              |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     |
| ROSS & RAND                |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     |
| STEELE                     |  | 147 | 150 | 155 | 160 | 164 | 219 | 322 | 390 | 443 | 450 | 470 | 485 | 496 | 460 | 392 | 324 | 334 | 360 | 392 | 436 | 467 | 392 | 324 | 334 | 360 | 392 | 436 | 467 | 392 | 324 | 334   | 360   |
| HARRISON                   |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     |
| CHENEY                     |  | 24  | 28  | 32  | 32  | 40  | 48  | 135 | 110 | 100 | 120 | 143 | 143 | 147 | 159 | 159 | 147 | 155 | 147 | 120 | 103 | 70  | 106 | 131 | 163 | 167 | 173 | 173 | 129 | 129 | 149 | 149   | 149   |
| BOOMER                     |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     |
| RUDY                       |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     |
| KITE & NORD                |  | 271 | 277 | 277 | 313 | 457 | 555 | 605 | 674 | 778 | 814 | 799 | 860 | 860 | 816 | 816 | 874 | 856 | 847 | 781 | 579 | 592 | 620 | 586 | 506 | 632 | 637 | 667 | 775 | 820 | 867 | 20757 | 20757 |
| BURRESS                    |  | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4     | 4     |
| CLARK & EDWARDS            |  | 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  | 15  | 15  | 15    | 15    |
| LOWDER & JENNINGS          |  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66    | 66    |
| EAST LABELLE               |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     |
| SUNNY DELL                 |  | 74  | 66  | 68  | 64  | 72  | 76  | 85  | 95  | 95  | 104 | 103 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104   | 104   |
| LENROOT                    |  | 84  | 85  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86  | 86    | 86    |
| REID                       |  | 200 | 193 | 186 | 193 | 204 | 242 | 300 | 294 | 300 | 307 | 318 | 359 | 300 | 314 | 323 | 350 | 336 | 385 | 378 | 386 | 354 | 300 | 370 | 362 | 359 | 346 | 388 | 356 | 343 | 304 | 264   | 9684  |
| TEXAS FEEDER               |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     |
| NELSON COREY               |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     |
| HILL PETTINGER             |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     |
| RIGBY                      |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0     |
| ISLAND                     |  | 90  | 90  | 90  | 90  | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101   | 101   |
| DILTS                      |  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11  | 11    | 11    |
| WEST LABELLE & LONG ISLAND |  | 0   | 147 | 219 | 219 | 242 | 266 | 254 | 266 | 290 | 389 | 390 | 390 | 390 | 390 | 390 | 390 | 390 | 390 | 390 | 390 | 390 | 390 | 390 | 390 | 390 | 390 | 390 | 390 | 390 | 390 | 390   | 390   |
| PARKS & LEWISVILLE         |  | 208 | 208 | 233 | 192 | 272 | 239 | 253 | 288 | 272 | 357 | 288 | 357 | 357 | 357 | 357 | 357 | 357 | 357 | 357 | 357 | 357 | 357 | 357 | 357 | 357 | 357 | 357 | 357 | 357 | 357 | 357   | 357   |
| NORTH RIGBY                |  | 32  | 32  | 32  | 32  | 32  | 32  | 32  | 32  | 32  | 32  | 32  | 32  | 32  | 32  | 32  | 32  | 32  | 32  | 32  | 32  | 3   |     |     |     |     |     |     |     |     |     |       |       |



JUNE 1984

SECOND-FEET OF SNAKE RIVER CANALS

[illegible]

| 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 | 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 |
|----------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| RILEY          | 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 |
| ANDERSON       | 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 |
| EAGLE ROCK     | 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 |
| FARMERS FRIEND | 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 |
| ENTERPRISE     | 1 | 2 | 3 | 4 |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |



JULY 1954

DAILY DISCHARGE IN SECOND- FEET OF SNAKE RIVER CANALS

| 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                      | 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    | 7    | 7    |       |
| ANDERSON                   | 410 | 463  | 416  | 402  | 396  | 468  | 436  | 468  | 436  | 468  | 436  | 468  | 436  | 468  | 436  | 468  | 436  | 468  | 436  | 468  | 436  | 468  | 436  | 468  | 436  | 468  | 436  | 468  | 436  | 468  | 436  |       |
| EAGLE ROCK                 | 438 | 442  | 416  | 438  | 442  | 416  | 438  | 442  | 416  | 438  | 442  | 416  | 438  | 442  | 416  | 438  | 442  | 416  | 438  | 442  | 416  | 438  | 442  | 416  | 438  | 442  | 416  | 438  | 442  | 416  | 438  |       |
| FARMERS FRIEND             | 384 | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  | 385  |       |
| ENTERPRISE                 | 194 | 198  | 201  | 194  | 198  | 201  | 194  | 198  | 201  | 194  | 198  | 201  | 194  | 198  | 201  | 194  | 198  | 201  | 194  | 198  | 201  | 194  | 198  | 201  | 194  | 198  | 201  | 194  | 198  | 201  | 194  |       |
| NELSON                     | 0   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |       |
| MATTSON & CRAIG            | 10  | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |       |
| ARNESBERGER                | 1   | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |       |
| BUTLER ISLAND              | 50  | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   | 49   |       |
| ROSS & RAND                | 5   | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |       |
| STEELE                     | 360 | 380  | 416  | 449  | 487  | 510  | 538  | 573  | 588  | 573  | 577  | 577  | 577  | 577  | 577  | 577  | 577  | 577  | 577  | 577  | 577  | 577  | 577  | 577  | 577  | 577  | 577  | 577  | 577  | 577  | 577  |       |
| HARRISON                   | 4   | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    |       |
| CHENEY                     | 129 | 149  | 159  | 159  | 171  | 171  | 184  | 237  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  | 153  |       |
| BOOMER                     | 34  | 36   | 30   | 30   | 48   | 61   | 74   | 100  | 58   | 58   | 64   | 62   | 64   | 62   | 64   | 62   | 64   | 62   | 64   | 62   | 64   | 62   | 64   | 62   | 64   | 62   | 64   | 62   | 64   | 62   | 64   |       |
| RUDY                       | 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    | 7    | 7    |       |
| KITE & NORD                | 656 | 742  | 832  | 860  | 892  | 942  | 981  | 804  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  | 888  |       |
| CLARK & EDWARDS            | 60  | 71   | 70   | 71   | 82   | 83   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   | 87   |       |
| LOWDER & JENNINGS          | 56  | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   |       |
| EAST LABELLE               | 160 | 130  | 130  | 125  | 120  | 114  | 125  | 128  | 130  | 130  | 128  | 127  | 124  | 126  | 122  | 127  | 127  | 124  | 126  | 122  | 127  | 127  | 124  | 126  | 122  | 127  | 127  | 124  | 126  | 122  | 127  |       |
| SUNNYDELL                  | 124 | 124  | 131  | 108  | 150  | 150  | 155  | 183  | 183  | 183  | 172  | 172  | 172  | 172  | 172  | 172  | 172  | 172  | 172  | 172  | 172  | 172  | 172  | 172  | 172  | 172  | 172  | 172  | 172  | 172  | 172  |       |
| LENROOT                    | 94  | 94   | 94   | 88   | 104  | 119  | 135  | 159  | 173  | 164  | 165  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 176  | 176  |       |
| REID                       | 112 | 140  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  |       |
| TEXAS FEEDER               | 316 | 332  | 348  | 380  | 363  | 346  | 356  | 394  | 356  | 394  | 356  | 394  | 356  | 394  | 356  | 394  | 356  | 394  | 356  | 394  | 356  | 394  | 356  | 394  | 356  | 394  | 356  | 394  | 356  | 394  | 356  |       |
| NELSON-COREY               | 12  | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   |       |
| HILL PETTINGER             | 0   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |       |
| RIGBY                      | 117 | 117  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  | 142  |       |
| ISLAND                     | 172 | 172  | 172  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  | 184  |       |
| OLDS                       | 37  | 37   | 42   | 40   | 40   | 41   | 42   | 41   | 42   | 41   | 42   | 41   | 42   | 41   | 42   | 41   | 42   | 41   | 42   | 41   | 42   | 41   | 42   | 41   | 42   | 41   | 42   | 41   | 42   | 41   | 42   |       |
| WEST LABELLE & LONG ISLAND | 500 | 500  | 483  | 502  | 459  | 444  | 459  | 444  | 459  | 444  | 459  | 444  | 459  | 444  | 459  | 444  | 459  | 444  | 459  | 444  | 459  | 444  | 459  | 444  | 459  | 444  | 459  | 444  | 459  | 444  | 459  |       |
| PARKS & LEWISVILLE         | 280 | 247  | 297  | 280  | 280  | 386  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  | 404  |       |
| NORTH RIGBY                | 50  | 42   | 42   | 42   | 42   | 50   | 58   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   | 54   |       |
| WHITE                      | 4   | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    |       |
| ELIS                       | 4   | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    |       |
| BRAMWELL                   | 12  | 10   | 10   | 10   | 10   | 13   | 13   | 13   | 13   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |       |
| BUTTE & MARKET LAKE        | 223 | 220  | 144  | 200  | 204  | 223  | 326  | 327  | 349  | 362  | 344  | 393  | 359  | 375  | 414  | 438  | 438  | 438  | 438  | 438  | 438  | 438  | 438  | 438  | 438  | 438  | 438  | 438  | 438  | 438  | 438  |       |
| OSGOOD                     | 108 | 110  | 110  | 111  | 112  | 120  | 126  | 134  | 136  | 134  | 134  | 135  | 137  | 139  | 140  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  |       |
| BEAR ISLAND & SMITH        | 4   | 4    | 4    | 4    | 4    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |       |
| KENNEDY                    | 40  | 40   | 40   | 40   | 48   | 52   | 52   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   | 51   |       |
| IDAH0                      | 637 | 966  | 966  | 1150 | 1150 | 1150 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 | 1250 |       |
| GREAT WESTERN              | 519 | 511  | 510  | 510  | 561  | 565  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  | 589  |       |
| PORTER                     | 199 | 196  | 192  | 183  | 180  | 306  | 299  | 369  | 367  | 365  | 367  | 365  | 367  | 365  | 367  | 365  | 367  | 365  | 367  | 365  | 367  | 365  | 367  | 365  | 367  | 365  | 367  | 365  | 367  | 365  | 367  |       |
| COY & KELLER               | 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    | 2    |       |
| WOODVILLE                  | 71  | 74   | 84   | 92   | 103  | 119  | 121  | 120  | 107  | 108  | 101  | 95   | 90   | 91   | 99   | 103  | 96   | 102  | 124  | 0    | 142  | 138  | 135  | 78   | 104  | 100  | 102  | 105  | 112  | 118  | 116  | 116   |
| SNAKE RIVER VALLEY         | 393 | 472  | 572  | 596  | 632  | 696  | 734  | 717  | 766  | 786  | 755  | 755  | 755  | 755  | 755  | 755  | 755  | 755  | 755  | 755  | 755  | 755  | 755  | 755  | 755  | 755  | 755  | 755  | 755  | 755  | 755  |       |
| TOTAL WEISE TO SHELLEY     | 697 | 7567 | 7152 | 8129 | 4000 | 9079 | 9591 | 9941 | 9878 | 9977 | 9747 | 9686 | 9819 | 9883 | 9903 | 9913 | 9947 | 9883 | 9108 | 9274 | 9167 | 9025 | 7982 | 8202 | 8659 | 9059 | 9094 | 9189 | 9279 | 9464 | 9464 |       |
| TOTAL SHELLEY TO BLACKFOOT | 394 | 3164 | 3115 | 3302 | 3358 | 3606 | 3655 | 3742 | 3897 | 3971 | 4110 | 4187 | 4244 | 4344 | 4405 | 4453 | 4512 | 4572 | 4640 | 4711 | 4784 | 4850 | 4920 | 4994 | 5072 | 5150 | 5228 | 5306 | 5384 | 5462 | 5540 |       |
| PARSONS                    | 32  | 40   | 41   | 41   | 41   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   |       |
| WATSON                     | 61  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  |       |
| WEAVERICK                  | 43  | 66   | 67   | 62   | 63   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   | 64   |       |
| TREGO                      | 41  | 40   | 46   | 60   | 69   | 70   | 69   | 70   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |



DAILY DISCHARGE IN SECOND-FOOT OF SNAKE RIVER CANALS

AUGUST 1954

| 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                      | 18   | 18   | 29   | 25   | 27   | 27   | 26   | 25   | 16   | 18   | 25   | 22   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21     | 21    | 21    | 706    |        |      |     |
| ANDERSON                   | 502  | 502  | 495  | 502  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492  | 492    | 492   | 492   | 13,430 |        |      |     |
| EAGLE ROCK                 | 666  | 653  | 541  | 545  | 603  | 601  | 563  | 555  | 445  | 457  | 473  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463    | 463   | 463   | 14,771 |        |      |     |
| FARMERS FRIEND             | 111  | 363  | 348  | 342  | 357  | 344  | 340  | 335  | 326  | 358  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326  | 326    | 326   | 326   | 9,470  |        |      |     |
| ENTERPRISE                 | 181  | 183  | 121  | 118  | 117  | 115  | 89   | 87   | 101  | 98   | 93   | 85   | 82   | 82   | 82   | 82   | 82   | 82   | 82   | 82   | 82   | 82   | 82   | 82   | 82   | 82   | 82   | 82   | 82     | 82    | 82    | 3,013  |        |      |     |
| NELSON                     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0      | 0     | 0     | 28     |        |      |     |
| MATSON & CRAIG             | 15   | 15   | 11   | 10   | 13   | 9    | 6    | 7    | 11   | 10   | 9    | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10     | 10    | 10    | 298    |        |      |     |
| ARNESBERGER                | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5      | 5     | 5     | 78     |        |      |     |
| BUTLER ISLAND              | 46   | 48   | 47   | 47   | 47   | 46   | 42   | 42   | 45   | 44   | 45   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44   | 44     | 44    | 44    | 1,293  |        |      |     |
| ROSS & RAND                | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4      | 4     | 4     | 102    |        |      |     |
| STEELE                     | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5      | 5     | 5     | 186    |        |      |     |
| HARRISON                   | 524  | 478  | 476  | 474  | 487  | 430  | 399  | 368  | 386  | 386  | 386  | 386  | 386  | 386  | 386  | 386  | 386  | 386  | 386  | 386  | 386  | 386  | 386  | 386  | 386  | 386  | 386  | 386  | 386    | 386   | 386   | 11,375 |        |      |     |
| CHENEY                     | 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      | 7     | 7     | 203    |        |      |     |
| BOOMER                     | 179  | 188  | 165  | 163  | 161  | 159  | 137  | 131  | 148  | 145  | 139  | 105  | 106  | 124  | 113  | 135  | 131  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135    | 135   | 135   | 135    | 4,177  |      |     |
| RUDY                       | 42   | 41   | 62   | 62   | 61   | 62   | 51   | 50   | 49   | 48   | 61   | 62   | 62   | 62   | 62   | 62   | 62   | 62   | 62   | 62   | 62   | 62   | 62   | 62   | 62   | 62   | 62   | 62   | 62     | 62    | 62    | 15,935 |        |      |     |
| KITE & NORD                | 8    | 7    | 7    | 7    | 7    | 8    | 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     | 140    |        |      |     |
| BURGESS                    | 866  | 857  | 835  | 831  | 821  | 760  | 743  | 725  | 672  | 756  | 713  | 704  | 695  | 708  | 700  | 674  | 665  | 751  | 725  | 743  | 704  | 695  | 687  | 738  | 747  | 844  | 811  | 813  | 13,256 | 21,92 | 21,92 | 21,92  |        |      |     |
| CLARK & EDWARDS            | 72   | 72   | 72   | 72   | 71   | 71   | 71   | 70   | 70   | 71   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 70     | 70    | 70    | 1,540  |        |      |     |
| LOWDER & JENNINGS          | 53   | 53   | 53   | 53   | 53   | 52   | 51   | 52   | 50   | 53   | 53   | 52   | 51   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50     | 50    | 50    | 3,726  |        |      |     |
| EAST LABELLE               | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125  | 125    | 125   | 125   | 4,082  |        |      |     |
| SUNNYDELL                  | 145  | 145  | 167  | 191  | 190  | 119  | 135  | 88   | 138  | 131  | 164  | 161  | 170  | 129  | 99   | 115  | 129  | 147  | 152  | 100  | 92   | 101  | 90   | 118  | 115  | 125  | 124  | 124  | 135    | 139   | 4082  | 3,366  |        |      |     |
| LENROOT                    | 130  | 145  | 138  | 130  | 128  | 131  | 143  | 109  | 112  | 123  | 123  | 123  | 123  | 123  | 123  | 123  | 123  | 123  | 123  | 123  | 123  | 123  | 123  | 123  | 123  | 123  | 123  | 123  | 123    | 123   | 123   | 123    | 3,366  |      |     |
| REID                       | 161  | 160  | 158  | 150  | 153  | 150  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143  | 143    | 143   | 143   | 4,446  |        |      |     |
| TEXAS FEEDER               | 265  | 266  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272  | 272    | 272   | 272   | 1,37   |        |      |     |
| NELSON-COREY               | 11   | 10   | 12   | 7    | 7    | 8    | 7    | 8    | 6    | 6    | 8    | 9    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4      | 4     | 4     | 109    |        |      |     |
| HILL PETTINGER             | 1    | 3    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5      | 5     | 5     | 4646   |        |      |     |
| RIGBY                      | 145  | 146  | 170  | 164  | 164  | 163  | 164  | 159  | 152  | 163  | 159  | 169  | 115  | 116  | 163  | 153  | 141  | 117  | 157  | 140  | 110  | 110  | 141  | 142  | 152  | 152  | 152  | 152  | 152    | 152   | 152   | 152    | 5,035  |      |     |
| ISLAND                     | 168  | 169  | 167  | 161  | 170  | 171  | 171  | 165  | 166  | 157  | 166  | 159  | 167  | 174  | 165  | 167  | 163  | 157  | 163  | 168  | 164  | 163  | 163  | 163  | 163  | 163  | 163  | 163  | 163    | 163   | 163   | 163    | 4,417  |      |     |
| OLDS                       | 36   | 31   | 31   | 32   | 32   | 35   | 31   | 31   | 31   | 30   | 32   | 29   | 28   | 27   | 27   | 32   | 34   | 33   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30     | 30    | 30    | 30     | 942    |      |     |
| WEST LABELLE & LONG ISLAND | 508  | 506  | 508  | 483  | 491  | 513  | 518  | 494  | 486  | 478  | 472  | 474  | 481  | 478  | 475  | 483  | 475  | 472  | 475  | 478  | 472  | 472  | 470  | 464  | 464  | 464  | 464  | 464  | 464    | 464   | 464   | 464    | 14,917 |      |     |
| PARKS & LEWISVILLE         | 348  | 358  | 391  | 366  | 368  | 366  | 361  | 373  | 355  | 346  | 348  | 350  | 329  | 341  | 341  | 346  | 311  | 312  | 314  | 311  | 311  | 311  | 311  | 311  | 311  | 311  | 311  | 311  | 311    | 311   | 311   | 311    | 10,378 |      |     |
| NORTH RIGBY                | 54   | 54   | 56   | 55   | 55   | 52   | 51   | 47   | 42   | 40   | 39   | 42   | 39   | 40   | 40   | 52   | 52   | 50   | 49   | 48   | 48   | 48   | 48   | 48   | 48   | 48   | 48   | 48   | 48     | 48    | 48    | 48     | 14,98  |      |     |
| WHITE                      | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4      | 4     | 4     | 4      | 4      |      |     |
| ELLIS                      | 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     | 6      | 6      |      |     |
| BRAMWELL                   | 11   | 11   | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9      | 9     | 9     | 9      | 9      |      |     |
| BUTTE & MARKET LAKE        | 375  | 367  | 383  | 377  | 388  | 402  | 380  | 350  | 327  | 320  | 317  | 320  | 317  | 320  | 310  | 303  | 320  | 332  | 310  | 289  | 285  | 285  | 285  | 285  | 285  | 285  | 285  | 285  | 285    | 285   | 285   | 285    | 285    | 285  | 285 |
| OSGOOD                     | 138  | 141  | 139  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141  | 141    | 141   | 141   | 141    | 141    |      |     |
| BEAR ISLAND & SMITH        | 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     | 3      | 3      |      |     |
| KENNEDY                    | 52   | 53   | 54   | 56   | 40   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45     | 45    | 45    | 45     | 45     |      |     |
| IDAHO                      | 1260 | 1100 | 1140 | 1130 | 990  | 1050 | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854  | 854    | 854   | 854   | 854    | 854    | 854  |     |
| GREAT WESTERN              | 624  | 629  | 626  | 622  | 610  | 545  | 536  | 531  | 533  | 529  | 526  | 522  | 516  | 514  | 510  | 514  | 520  | 520  | 504  | 499  | 487  | 488  | 488  | 488  | 488  | 488  | 488  | 488  | 488    | 488   | 488   | 488    | 488    | 488  |     |
| PORTER                     | 277  | 374  | 366  | 359  | 345  | 358  | 350  | 310  | 260  | 250  | 245  | 245  | 245  | 245  | 245  | 245  | 245  | 245  | 245  | 245  | 245  | 245  | 245  | 245  | 245  | 245  | 245  | 245  | 245    | 245   | 245   | 245    | 245    | 245  |     |
| COY & KELLER               | 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     | 2     | 2      | 2      | 2    |     |
| WOODVILLE                  | 113  | 110  | 102  | 102  | 106  | 110  | 100  | 96   | 93   | 90   | 88   | 88   | 88   | 88   | 88   | 88   | 88   | 88   | 88   | 88   | 88   | 88   | 88   | 88   | 88   | 88   | 88   | 88   | 88     | 88    | 88    | 88     | 88     | 88   |     |
| SNAKE RIVER VALLEY         | 606  | 642  | 644  | 644  | 640  | 584  | 594  | 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    | 484  |     |
| TOTAL WEISE TO SHELLEY     | 4217 | 4129 | 4844 | 4857 | 4853 | 4857 | 4810 | 4782 | 4705 | 4769 | 4781 | 4781 | 4781 | 4781 | 4781 | 4781 | 4781 | 4781 | 4781 | 4781 | 4781 | 4781 | 4781 | 4781 | 4781 | 4781 | 4781 | 4781 | 4781   | 4781  | 4781  | 4781   | 4781   | 4781 |     |
| RESERVATION                | 623  | 610  | 580  | 589  | 574  | 608  | 548  | 547  | 583  | 519  | 608  | 577  | 586  | 608  | 561  | 586  | 526  | 537  | 587  | 540  | 602  | 612  | 551  | 505  | 483  | 462  | 442  | 421  | 402    | 384   | 366   | 348    | 330    | 312  |     |
| BLACKFOOT                  | 376  | 334  | 344  | 374  | 357  | 376  | 304  | 376  | 282  | 275  | 373  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |        |       |       |        |        |      |     |



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|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|



| STREAM                                   | MAY    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                          | 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   | 1    | 2    | 3    |
| BIG JIMMY CREEK                          | 33     | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   | 33   |
| PORTNEUF RIVER INFLOW<br>BELOW POCATELLO | 309    | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  | 309  |
| BIG SPRING CREEK                         | 460    | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 460  |
| CLEAR CREEK                              | 116    | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  |
| FORD CREEK                               | 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    | 7    | 7    | 7    | 7    | 7    |
| KINNEY CREEK                             | 27     | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   |
| WIDE CREEK                               | 57     | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   |
| PYLE SPRINGS                             | 12     | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   |
| MC TUCKER SPRINGS                        | 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   | 28   | 28   | 28   | 28   |
| HULL SPRINGS                             | 4      | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    |
| TANNER SPRINGS                           | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| PORTNEUF RIVER<br>AT POCATELLO           | 330    | 299  | 262  | 236  | 212  | 190  | 176  | 140  | 137  | 122  | 131  | 120  | 105  | 96   | 77   | 67   | 60   | 55   | 51   | 50   | 70   | 110  | 88   | 80   | 70   | 61   | 55   | 58   | 52   | 58   | 59   | 60   | 64   | 51   |
| CRYSTAL DITCH                            | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| CRYSTAL WASTE                            | 40     | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 41   | 41   | 41   | 41   | 41   | 41   | 41   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   |
| DANIELSEN SPRINGS                        | 40     | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 41   | 43   | 44   | 45   | 46   | 46   | 47   | 48   | 49   | 50   | 50   | 51   | 52   | 53   | 54   | 54   | 55   | 56   | 56   | 56   | 56   | 57   | 57   | 58   | 58   | 59   |
| ARTESIAN SPRINGS                         | 2      | 2    | 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    | 3    | 3    | 4    |
| STERLING WASTE                           | 2      | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 3    | 3    | 3    | 3    | 3    | 3    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 5    |
| COLBURN WASTE                            | 1      | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| ABERDEEN WASTE                           | 70     | 75   | 60   | 55   | 50   | 40   | 30   | 20   | 15   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 15   | 20   | 25   | 25   | 25   | 30   | 40   | 35   | 33   | 30   | 30   | 30   | 35   | 30   | 25   | 3    |
| TARTAR WASTE                             | 20     | 30   | 20   | 20   | 10   | 10   | 10   | 8    | 10   | 8    | 9    | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 12   | 14   | 18   | 18   | 19   | 19   | 20   | 20   | 20   | 20   | 15   | 15   | 15   |
| SCHILTZ WASTE                            | 2      | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |
| CEDAR WASTE                              | 34     | 38   | 35   | 32   | 27   | 25   | 15   | 2    | 3    | 8    | 7    | 6    | 7    | 12   | 12   | 1    | 0    | 3    | 3    | 0    | 0    | 2    | 8    | 8    | 7    | 3    | 20   | 17   | 9    | 4    | 10   | 9    | 28   | 1    |
| ROSS FORK                                | 45     | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 46   | 47   | 48   | 49   | 50   | 51   | 52   | 53   | 54   | 55   | 55   | 56   | 57   | 58   | 59   | 60   | 61   | 62   | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63   |
| TRIPLE CREEK                             | 2      | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    |
| BANNOCK CREEK                            | 12     | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 11   | 11   | 10   | 10   | 9    | 9    | 8    | 8    | 7    | 7    | 6    | 6    | 6    | 5    | 5    | 4    | 4    | 3    | 3    | 3    | 3    | 3    | 3    | 4    | 4    |
| RUEGAR SPRINGS                           | 25     | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   |
| TOTAL MEASURED                           | 1678   | 1666 | 1600 | 1566 | 1522 | 1488 | 1464 | 1393 | 1390 | 1376 | 1367 | 1378 | 1367 | 1363 | 1349 | 1331 | 1326 | 1326 | 1328 | 1331 | 1360 | 1408 | 1396 | 1401 | 1403 | 1389 | 1399 | 1399 | 1390 | 1402 | 1417 | 1419 | 1444 | 1444 |
| UNMEASURED INFLOW                        | 1290   | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 | 1290 |
| TOTAL INFLOW<br>BLACKFOOT TO NEELEY      | 2968   | 2956 | 2890 | 2856 | 2812 | 2778 | 2744 | 2683 | 2680 | 2666 | 2677 | 2668 | 2657 | 2653 | 2639 | 2621 | 2616 | 2616 | 2618 | 2621 | 2650 | 2698 | 2686 | 2691 | 2693 | 2679 | 2689 | 2689 | 2680 | 2692 | 2707 | 2713 | 2744 | 2744 |
| TOTAL FOR MONTH                          | 83,973 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |



# INFLOW TO AMERICAN FALLS

BETWEEN BLACKFOOT AND NEELEY STATION  
24 HOUR SECOND-FOOT

| JUNE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | JULY |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |    |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|
| 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   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   |      |      |      |      |      |    |    |
| 30   | 30   | 30   | 29   | 29   | 29   | 29   | 29   | 29   | 30   | 30   | 30   | 30   | 31   | 31   | 31   | 31   | 32   | 32   | 32   | 32   | 33   | 33   | 33   | 33   | 33   | 32   | 32   | 31   | 31   | 30   | 30   | 29   | 28   | 28   | 27   | 27   | 26   | 26   | 25   | 25   | 25   | 25   | 25   | 25   | 25   |      |      |      |    |    |
| 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 291  | 290  | 291  | 292  | 293  | 294  | 295  | 296  | 297  | 298  | 301  | 304  | 306  | 309  | 311  | 310  | 308  | 307  | 305  | 305  | 305  | 305  |      |      |      |    |    |
| 550  | 555  | 565  | 570  | 580  | 585  | 575  | 570  | 560  | 555  | 545  | 540  | 530  | 525  | 520  | 515  | 510  | 505  | 500  | 495  | 490  | 485  | 480  | 475  | 470  | 470  | 469  | 468  | 468  | 467  | 466  | 465  | 465  | 465  | 464  | 464  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463  | 463  |      |    |    |
| 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  | 116  |      |    |    |
| 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    | 7    | 7    | 7    | 7    | 7    | 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   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   |    |    |
| 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57 |    |
| 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   |    |    |
| 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28 |    |
| 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 8    | 8    | 8    | 8    | 8    | 8    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9  | 9  |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0  | 0  |
| 52   | 60   | 64   | 65   | 68   | 71   | 75   | 67   | 77   | 72   | 68   | 77   | 81   | 68   | 65   | 63   | 51   | 48   | 50   | 40   | 35   | 42   | 59   | 91   | 89   | 80   | 80   | 83   | 68   | 64   | 68   | 71   | 64   | 58   | 33   | 28   | 28   | 28   | 29   | 28   | 30   | 34   | 22   | 0    | 0    | 0    | 0    | 0    |      |    |    |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0  | 0  |
| 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 43   | 43   | 43   | 44   | 44   | 44   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   | 45   |    |    |
| 60   | 60   | 60   | 61   | 61   | 62   | 62   | 62   | 61   | 61   | 60   | 60   | 59   | 58   | 58   | 57   | 57   | 56   | 56   | 55   | 54   | 54   | 53   | 53   | 52   | 52   | 52   | 52   | 52   | 53   | 53   | 53   | 54   | 54   | 54   | 55   | 55   | 55   | 55   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56   | 56 | 56 |
| 4    | 4    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4  |    |
| 5    | 5    | 6    | 6    | 6    | 6    | 6    | 6    | 7    | 8    | 8    | 9    | 10   | 10   | 11   | 12   | 13   | 14   | 14   | 15   | 16   | 17   | 18   | 18   | 19   | 20   | 19   | 18   | 16   | 15   | 14   | 12   | 11   | 10   | 8    | 7    | 6    | 5    | 4    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3  |    |
| 1    | 1    | 1    | 1    | 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    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2  |    |
| 15   | 20   | 25   | 25   | 25   | 61   | 60   | 70   | 70   | 70   | 70   | 70   | 70   | 70   | 80   | 70   | 25   | 20   | 20   | 20   | 20   | 30   | 40   | 90   | 130  | 147  | 140  | 90   | 75   | 65   | 50   | 30   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25 | 25 |
| 10   | 15   | 15   | 11   | 3    | 30   | 26   | 35   | 20   | 20   | 20   | 20   | 25   | 25   | 20   | 15   | 10   | 10   | 10   | 10   | 10   | 12   | 12   | 12   | 15   | 15   | 10   | 15   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 12   | 15   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12 |    |
| 2    | 3    | 3    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 4    | 3    | 3    | 3    | 3    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |    |    |
| 10   | 26   | 20   | 28   | 24   | 32   | 35   | 32   | 22   | 30   | 32   | 29   | 32   | 34   | 28   | 8    | 3    | 0    | 0    | 0    | 0    | 0    | 10   | 14   | 18   | 16   | 18   | 20   | 20   | 1    | 1    | 3    | 4    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1  |    |
| 62   | 62   | 62   | 62   | 62   | 62   | 62   | 62   | 61   | 60   | 60   | 59   | 58   | 58   | 58   | 57   | 57   | 57   | 56   | 56   | 56   | 56   | 55   | 55   | 55   | 55   | 55   | 54   | 54   | 53   | 52   | 52   | 51   | 50   | 50   | 49   | 48   | 48   | 47   | 47   | 47   | 47   | 47   | 47   | 47   | 47   | 47   | 47   | 47   | 47 |    |
| 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 4    | 4    | 4    | 5    | 5    | 6    | 6    | 6    | 7    | 7    | 8    | 8    | 8    | 9    | 9    | 10   | 10   | 10   | 9    | 8    | 8    | 7    | 6    | 6    | 5    | 4    | 4    | 3    | 3    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2  |    |
| 5    | 5    | 5    | 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    | 5    | 5    | 5    | 4    | 4    | 4    | 3    | 3    | 3    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2  |    |
| 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   |    |    |
| 1422 | 1462 | 1477 | 1489 | 1490 | 1570 | 1562 | 1565 | 1539 | 1539 | 1526 | 1527 | 1529 | 1512 | 1506 | 1463 | 1391 | 1378 | 1374 | 1360 | 1350 | 1366 | 1398 | 1479 | 1520 | 1526 | 1514 | 1471 | 1435 | 1400 | 1385 | 1369 | 1355 | 1343 | 1317 | 1311 | 1312 | 1315 | 1316 | 1313 | 1311 | 1314 | 1302 | 1290 | 1290 | 1290 | 1290 |      |      |    |    |
| 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 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 |    |    |
| 2722 | 2762 | 2777 | 2789 | 2790 | 2870 | 2862 | 2865 | 2838 | 2839 | 2826 | 2827 | 2829 | 2813 | 2806 | 2763 | 2691 | 2676 | 2674 | 2660 | 2650 | 2666 | 2698 | 2779 | 2820 | 2826 | 2814 | 2771 | 2735 | 2690 | 2675 | 2659 | 2645 | 2633 | 2607 | 2601 | 2602 | 2605 | 2606 | 2603 | 2601 | 2604 | 2592 | 2580 | 2580 | 2580 | 2580 | 2580 | 2580 |    |    |

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81,368



## RESERVOIR 1954

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PLATE NO. 11

|     |      |      |      |      |      |      |      |      |      |      |      |      | SEPTEMBER |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| 28  | 29   | 9    | 20   | 21   | 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   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   |      |     |
| 24  | 24   | 7    | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 28   | 28        | 28   | 28   | 28   | 29   | 29   | 29   | 29   | 29   | 30   | 30   | 30   | 30   | 30   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   | 31   |     |
| 290 | 290  | 10   | 291  | 292  | 293  | 294  | 294  | 295  | 296  | 297  | 298  | 298  | 299       | 300  | 300  | 301  | 301  | 302  | 302  | 303  | 303  | 304  | 304  | 305  | 306  | 306  | 307  | 307  | 308  | 308  | 309  | 310  | 310  | 310  | 310  | 310  | 310  | 310  | 310  | 310  | 310  | 310  | 310  | 310  | 310  | 310 |
| 464 | 464  | 16   | 485  | 485  | 484  | 484  | 484  | 485  | 486  | 488  | 489  | 491  | 492       | 492  | 493  | 493  | 494  | 494  | 495  | 495  | 496  | 496  | 497  | 498  | 498  | 499  | 500  | 500  | 501  | 501  | 502  | 502  | 502  | 502  | 502  | 502  | 502  | 502  | 502  | 502  | 502  | 502  | 502  | 502  | 502  | 502 |
| 116 | 116  | 3    | 123  | 123  | 123  | 123  | 123  | 123  | 124  | 124  | 125  | 125  | 126       | 126  | 127  | 127  | 128  | 128  | 129  | 129  | 130  | 130  | 131  | 131  | 132  | 132  | 133  | 133  | 134  | 134  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135 |
| 7   | 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    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    |     |
| 27  | 27   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 29        | 29   | 29   | 29   | 30   | 30   | 30   | 30   | 30   | 31   | 31   | 31   | 31   | 31   | 32   | 32   | 32   | 32   | 32   | 32   | 32   | 32   | 32   | 32   | 32   | 32   | 32   | 32   | 32   | 32   | 32   | 32   | 32   | 32  |
| 57  | 57   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58        | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58  |
| 14  | 14   | 14   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 13        | 13   | 13   | 13   | 13   | 13   | 13   | 13   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14   | 14  |
| 7   | 7    | 26   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25        | 25   | 25   | 25   | 25   | 25   | 25   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   | 26   |     |
| 7   | 7    | 8    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9         | 9    | 9    | 9    | 9    | 9    | 9    | 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    |     |
| 0   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |     |
| 55  | 55   | 42   | 46   | 50   | 55   | 47   | 47   | 42   | 41   | 41   | 42   | 43   | 43        | 42   | 38   | 36   | 39   | 38   | 39   | 47   | 50   | 50   | 50   | 51   | 56   | 56   | 56   | 56   | 59   | 51   | 55   | 58   | 64   | 64   | 78   | 84   | 89   | 80   | 77   | 80   | 86   | 80   | 80   | 80   | 80   |     |
| 0   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |     |
| 42  | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42        | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   | 42   |     |
| 59  | 59   | 62   | 61   | 60   | 59   | 58   | 58   | 58   | 58   | 58   | 58   | 58   | 58        | 58   | 58   | 58   | 59   | 59   | 59   | 59   | 59   | 59   | 59   | 59   | 59   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   |     |
| 2   | 2    | 3    | 3    | 3    | 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    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |     |
| 2   | 2    | 11   | 10   | 8    | 7    | 6    | 5    | 5    | 5    | 5    | 5    | 6    | 6         | 6    | 6    | 7    | 7    | 7    | 8    | 8    | 8    | 8    | 9    | 9    | 9    | 10   | 10   | 10   | 10   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   | 11   |     |
| 1   | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |     |
| 20  | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20        | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   |     |
| 20  | 20   | 16   | 15   | 14   | 13   | 15   | 12   | 14   | 12   | 12   | 10   | 10   | 10        | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   | 10   |     |
| 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    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |     |
| 16  | 16   | 5    | 5    | 7    | 5    | 7    | 3    | 2    | 1    | 1    | 1    | 2    | 5         | 1    | 1    | 1    | 1    | 1    | 6    | 15   | 12   | 11   | 11   | 8    | 7    | 1    | 1    | 1    | 12   | 22   | 8    | 4    | 17   | 2    | 0    | 0    | 0    | 0    | 14   | 10   | 12   | 0    | 0    | 20   |      |     |
| 49  | 49   | 64   | 64   | 65   | 66   | 67   | 67   | 67   | 67   | 66   | 66   | 65   | 65        | 64   | 64   | 64   | 63   | 63   | 62   | 62   | 61   | 61   | 60   | 60   | 60   | 59   | 59   | 58   | 58   | 58   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   | 57   |     |
| 2   | 2    | 3    | 3    | 3    | 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    | 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    | 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    |      |     |
| 25  | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25        | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   |     |
| 132 | 132  | 1317 | 1355 | 1366 | 1367 | 1365 | 1379 | 1360 | 1361 | 1355 | 1356 | 1359 | 1367      | 1374 | 1366 | 1367 | 1365 | 1366 | 1371 | 1379 | 1394 | 1395 | 1400 | 1408 | 1407 | 1405 | 1398 | 1403 | 1404 | 1422 | 1438 | 1427 | 1425 | 1441 | 1423 | 1430 | 1436 | 1448 | 1438 | 1449 | 1442 | 1449 | 1439 | 1440 | 1440 |     |
| 80  | 1280 | 80   | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280      | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 | 1280 |      |     |
| 12  | 2597 | 676  | 2648 | 2647 | 2645 | 2659 | 2640 | 2641 | 2635 | 2636 | 2639 | 2647 | 2654      | 2646 | 2647 | 2645 | 2646 | 2651 | 2659 | 2674 | 2675 | 2680 | 2688 | 2687 | 2685 | 2688 | 2693 | 2694 | 2712 | 2729 | 2717 | 2715 | 2731 | 2713 | 2723 | 2726 | 2738 | 2728 | 2739 | 2732 | 2739 | 2724 | 2730 | 2727 |      |     |



# DAILY SEGREGATION OF

| DATE   | JACKSON LAKE CONTENTS ACRE-Feet | SNAKE RIVER AT MORAN |        |       | MORAN TO HEISE |                  | DATE   | HEISE & RILEY |        |       | STORAGE INFLOW HEISE TO SHELLEY |                           | STORAGE LOSS HEISE TO SHELLEY | DIVERSIONS HEISE TO SHELLEY |        |       | DATE   | SNAKE RIVER NEAR SHELLEY |        |       |
|--------|---------------------------------|----------------------|--------|-------|----------------|------------------|--------|---------------|--------|-------|---------------------------------|---------------------------|-------------------------------|-----------------------------|--------|-------|--------|--------------------------|--------|-------|
|        |                                 | STORED               | NORMAL | TOTAL | STORED LOSS    | STORED DIVERSION |        | STORED        | NORMAL | TOTAL | MARKET LAKE                     | HENRY'S FORK NEAR REXBURG |                               | STORED                      | NORMAL | TOTAL |        | STORED                   | NORMAL | TOTAL |
| JULY 5 | 853,380                         |                      |        |       |                |                  |        |               |        |       |                                 |                           |                               |                             |        |       |        |                          |        |       |
| 6      | 852,610                         |                      |        |       |                |                  | JULY 6 |               |        |       |                                 |                           |                               |                             |        |       |        |                          |        |       |
| 7      | 853,120                         |                      |        |       |                |                  | 7      |               |        |       |                                 |                           |                               |                             |        |       | JULY 7 |                          |        |       |
| 8      | 852,610                         | 1127                 | 3483   | 4610  | 28             |                  | 8      |               |        |       |                                 |                           |                               |                             |        |       | 8      |                          |        |       |
| 9      | 850,820                         | 1060                 | 3460   | 4520  | 27             |                  | 9      | 1099          | 14830  | 15929 | 10                              |                           | 54                            | 1394                        | 8484   | 9878  | 9      |                          |        |       |
| 10     | 849,530                         | 480                  | 3260   | 3740  | 12             | 3                | 10     | 1033          | 15793  | 15826 | 10                              | 132                       | 50                            | 1560                        | 8317   | 9877  | 10     | -339                     | 8349   | 8010  |
| 11     | 848,510                         | 550                  | 3160   | 3710  | 14             | 3                | 11     | 465           | 14261  | 14726 | 10                              | 109                       | 23                            | 1509                        | 8238   | 9747  | 11     | -435                     | 8165   | 7730  |
| 12     | 847,000                         | 680                  | 3070   | 3750  | 17             | 3                | 12     | 533           | 13694  | 14227 | 10                              | -70                       | 26                            | 1484                        | 8202   | 9686  | 12     | -948                     | 7718   | 6770  |
| 13     | 844,680                         | 1482                 | 2758   | 4240  | 37             | 3                | 13     | 660           | 13167  | 13827 | 10                              | -22                       | 32                            | 1613                        | 8308   | 9915  | 13     | -1037                    | 8887   | 5850  |
| 14     | 840,860                         | 2140                 | 2700   | 4840  | 53             | 3                | 14     | 1442          | 11994  | 13436 | 10                              | -127                      | 70                            | 1704                        | 8279   | 9985  | 14     | -897                     | 8047   | 5150  |
| 15     | 837,560                         | 2450                 | 2590   | 5040  | 61             | 3                | 15     | 2084          | 12052  | 14136 | 10                              | 171                       | 102                           | 1082                        | 8320   | 9402  | 15     | -449                     | 8489   | 6040  |
| 16     | 833,980                         | 1840                 | 2580   | 4420  | 46             | 3                | 16     | 2386          | 12549  | 14935 | 9                               | 265                       | 117                           | 1224                        | 8149   | 9375  | 16     | 1081                     | 9479   | 7560  |
| 17     | 830,940                         | 10                   | 2470   | 2480  | 0              | 3                | 17     | 1791          | 12545  | 14336 | 9                               | 411                       | 88                            | 1062                        | 8135   | 9197  | 17     | 1319                     | 8891   | 8210  |
| 18     | 830,180                         | 2470                 | 2400   | 4870  | 62             | 3                | 18     | 7             | 12229  | 12236 | 9                               | 220                       | 0                             | 948                         | 7937   | 8882  | 18     | 1061                     | 8639   | 7700  |
| 19     | 824,070                         | 3252                 | 2048   | 5300  | 81             | 3                | 19     | 2405          | 11031  | 13436 | 9                               | 103                       | 117                           | 1068                        | 8040   | 9108  | 19     | -709                     | 8379   | 5470  |
| 20     | 819,250                         | 1930                 | 1950   | 3880  | 48             | 3                | 20     | 3168          | 10865  | 14033 | 9                               | 271                       | 184                           | 1272                        | 8002   | 9274  | 20     | 1332                     | 8488   | 6120  |
| 21     | 816,220                         | 470                  | 1900   | 2370  | 12             | 3                | 21     | 1679          | 10555  | 12434 | 8                               | 375                       | 92                            | 1203                        | 7984   | 9167  | 21     | 2022                     | 9578   | 6580  |
| 22     | 816,220                         | -840                 | 1860   | 1020  | -21            | 3                | 22     | 455           | 10774  | 11229 | 8                               | 245                       | 22                            | 1162                        | 7863   | 9025  | 22     | 967                      | 8443   | 5670  |
| 23     | 815,210                         | 2700                 | 1850   | 4550  | 68             | 3                | 23     | -822          | 9597   | 8575  | 8                               | -28                       | -40                           | 634                         | 7348   | 7982  | 23     | -476                     | 8186   | 1410  |
| 24     | 809,150                         | 3890                 | 1800   | 5690  | 97             | 3                | 24     | 2629          | 8091   | 10720 | 8                               | -35                       | 128                           | 914                         | 7288   | 8202  | 24     | -1436                    | 8436   | 1400  |
| 25     | 800,310                         | 5040                 | 1750   | 6790  | 126            | 3                | 25     | 3790          | 7930   | 11720 | 8                               | -22                       | 185                           | 1788                        | 6871   | 8659  | 25     | 1803                     | 8037   | 5470  |
| 26     | 790,500                         | 4280                 | 1700   | 5980  | 107            | 3                | 26     | 4911          | 7915   | 12826 | 8                               | -302                      | 240                           | 2089                        | 6964   | 9083  | 26     | 2288                     | 8652   | 6120  |
| 27     | 782,970                         | 4374                 | 1616   | 5990  | 109            | 3                | 27     | 4170          | 8158   | 12328 | 8                               | -476                      | 204                           | 2507                        | 6961   | 9468  | 27     | 991                      | 8369   | 5470  |
| 28     | 773,940                         | 4630                 | 1600   | 6230  | 116            | 3                | 28     | 4262          | 7463   | 11725 | 8                               | -425                      | 208                           | 2492                        | 6936   | 9428  | 28     | 1145                     | 8215   | 5470  |
| 29     | 764,980                         | 5110                 | 1550   | 6660  | 128            | 3                | 29     | 4511          | 7518   | 12029 | 8                               | -60                       | 220                           | 2738                        | 6934   | 9672  | 29     | 1501                     | 8139   | 5470  |
| 30     | 754,750                         | 5000                 | 1500   | 6500  | 125            | 3                | 30     | 4979          | 7153   | 12132 | 8                               | 503                       | 243                           | 2768                        | 6981   | 9747  | 30     | 2481                     | 8669   | 5470  |
| 31     | 745,050                         | 5080                 | 1480   | 6560  | 127            | 3                | 31     | 4872          | 6959   | 11831 | 8                               | 633                       | 238                           | 2698                        | 6973   | 9669  | AUG. 1 | 2579                     | 8771   | 5470  |
| AUG. 1 | 735,160                         | 5271                 | 1469   | 6740  | 132            | 2                | AUG. 1 | 4950          | 6668   | 11618 | 8                               | 317                       | 242                           | 2407                        | 6910   | 9317  | 2      | 2626                     | 8564   | 5470  |
| 2      | 724,530                         | 4860                 | 1460   | 6320  | 121            | 2                | 2      | 5137          | 6481   | 11618 | 8                               | 104                       | 281                           | 2198                        | 6931   | 9129  | 3      | 2800                     | 8200   | 5470  |
| 3      | 714,930                         | 4480                 | 1450   | 5930  | 112            | 2                | 3      | 4737          | 6592   | 11329 | 8                               | 69                        | 232                           | 2010                        | 6934   | 8944  | 4      | 2572                     | 8118   | 5470  |
| 4      | 705,840                         | 4880                 | 1446   | 6320  | 122            | 2                | 4      | 4368          | 6360   | 10726 | 8                               | 82                        | 213                           | 1962                        | 6895   | 8857  | 5      | 2281                     | 8079   | 5470  |
| 5      | 696,520                         | 1850                 | 1430   | 3280  | 46             | 2                | 5      | 4786          | 6371   | 11127 | 8                               | 49                        | 232                           | 1842                        | 6911   | 8753  | 6      | 2739                     | 8351   | 5470  |
| 6      | 692,860                         | 4910                 | 1420   | 6330  | 123            | 2                | 6      | 1802          | 7335   | 9137  | 8                               | -20                       | 88                            | 1694                        | 6893   | 8587  | 7      | 8                        | 39     | 5470  |
| 7      | 683,350                         | 4480                 | 1410   | 5890  | 112            | 2                | 7      | 4785          | 5541   | 10326 | 8                               | 309                       | 234                           | 1404                        | 6706   | 8110  | 8      | 3484                     | 8396   | 5470  |
| 8      | 674,570                         | 4480                 | 1400   | 5880  | 111            | 2                | 8      | 4366          | 6160   | 10826 | 8                               | 180                       | 213                           | 1167                        | 6415   | 7882  | 9      | 3184                     | 8646   | 5470  |
| 9      | 665,600                         | 4000                 | 1400   | 5400  | 100            | 2                | 9      | 4347          | 5978   | 10325 | 8                               | -124                      | 212                           | 1136                        | 6569   | 7705  | 10     | 2883                     | 8200   | 5470  |
| 10     | 657,850                         | 3585                 | 1395   | 4980  | 90             | 2                | 10     | 3898          | 6118   | 10016 | 8                               | -308                      | 190                           | 1230                        | 6463   | 7695  | 11     | 2178                     | 8257   | 5470  |
| 11     | 650,340                         | 4115                 | 1255   | 5350  | 103            | 2                | 11     | 3493          | 5955   | 9448  | 8                               | -67                       | 171                           | 1196                        | 6622   | 7818  | 12     | 2067                     | 8242   | 5470  |
| 12     | 641,910                         | 4180                 | 1180   | 5360  | 105            | 2                | 12     | 4010          | 5685   | 9695  | 8                               | -128                      | 196                           | 1116                        | 6588   | 7704  | 13     | 2678                     | 8232   | 5470  |
| 13     | 634,700                         | 3450                 | 1160   | 4610  | 86             | 2                | 13     | 4073          | 5809   | 9882  | 8                               | -97                       | 199                           | 1094                        | 6595   | 7689  | 14     | 2691                     | 8274   | 5470  |
| 14     | 627,720                         | 3290                 | 1140   | 4430  | 82             | 2                | 14     | 3582          | 5829   | 9191  | 8                               | -83                       | 184                           | 1008                        | 6276   | 7284  | 15     | 2115                     | 8289   | 5470  |
| 15     | 621,010                         | 3180                 | 1120   | 4300  | 76             | 2                | 15     | 3208          | 5665   | 8871  | 8                               | -139                      | 156                           | 919                         | 6144   | 7063  | 16     | 2000                     | 8263   | 5470  |
| 16     | 614,900                         | 3030                 | 1100   | 4130  | 81             | 2                | 16     | 3089          | 5542   | 8641  | 8                               | -116                      | 151                           | 885                         | 6254   | 7139  | 17     | 1955                     | 8222   | 5470  |
| 17     | 608,350                         | 3230                 | 1080   | 4310  | 88             | 2                | 17     | 2952          | 5429   | 8381  | 8                               | -103                      | 144                           | 869                         | 6316   | 7185  | 18     | 1844                     | 8239   | 5470  |
| 18     | 602,140                         | 3620                 | 1060   | 4680  | 99             | 2                | 18     | 3147          | 5174   | 8321  | 8                               | -161                      | 154                           | 930                         | 6412   | 7342  | 19     | 1910                     | 8259   | 5470  |
| 19     | 594,540                         | 3970                 | 1040   | 5010  | 95             | 2                | 19     | 3430          | 4891   | 8321  | 8                               | -228                      | 167                           | 1080                        | 6321   | 7401  | 20     | 1963                     | 8266   | 5470  |
| 20     | 586,480                         | 3780                 | 1020   | 4800  | 95             | 2                | 20     | 3889          | 4830   | 8699  | 8                               | -217                      | 189                           | 1012                        | 6333   | 7345  | 21     | 2459                     | 8264   | 5470  |
|        |                                 |                      |        |       |                |                  | 21     | 3683          | 5046   | 8729  | 8                               | -193                      | 180                           | 928                         | 6455   | 7383  | 22     | 2390                     | 8263   | 5470  |



# OF DATA AT AND BETWEEN SNAKE RIVER

24 HOUR SECOND-FOOT EXCEPT AS NOTED

| RIVER<br>SHELLEY | DIVERSIONS<br>SHELLEY TO BLACKFOOT |       |        | STORAGE<br>LOSS<br>SHELLEY TO<br>BLACKFOOT | THEORETICAL<br>BALANCE OF<br>STORAGE AT<br>BLACKFOOT | DATE   | BLACKFOOT<br>RIVER | SNAKE RIVER -<br>NEAR BLACKFOOT |        |       | CALCULATED<br>INFLOW<br>BLACKFOOT<br>TO NEELEY | STORAGE<br>DIVERSIONS<br>BLACKFOOT<br>TO NEELEY | DATE      | AMERICAN FALLS<br>RESERVOIR<br>CONTENTS<br>ACRE-Feet | SNAKE RIVER<br>AT NEELEY |        |       | STORED<br>DIVERSIONS<br>NEELEY TO<br>WALCOTT | LAKE<br>WALCOTT<br>CONTENTS<br>ACRE-Feet | MIN   |   |
|------------------|------------------------------------|-------|--------|--------------------------------------------|------------------------------------------------------|--------|--------------------|---------------------------------|--------|-------|------------------------------------------------|-------------------------------------------------|-----------|------------------------------------------------------|--------------------------|--------|-------|----------------------------------------------|------------------------------------------|-------|---|
|                  | JOURNAL                            | TOTAL | STORED | NORMAL                                     | TOTAL                                                |        |                    | STORED                          | NORMAL | TOTAL |                                                |                                                 |           |                                                      | STORED                   | NORMAL | TOTAL |                                              |                                          | NORTH | S |
|                  |                                    |       |        |                                            |                                                      | JULY 7 |                    |                                 |        | 7500  | 2645                                           |                                                 | JULY 8    | 1,712,000                                            | 1155                     | 10145  | 11300 |                                              |                                          |       |   |
|                  |                                    |       |        |                                            |                                                      | 8      | 8                  |                                 |        | 5780  | 2633                                           |                                                 | 9         | 1,704,000                                            | 3067                     | 9413   | 11500 |                                              | 95,940                                   | 1670  |   |
|                  |                                    |       | 380    | 3517                                       | 3897                                                 | - 23   | - 357              |                                 |        | 4200  | 2607                                           |                                                 | 10        | 1,696,000                                            | 4793                     | 6807   | 11500 | 3                                            | 95,390                                   | 1680  |   |
| 8349             | 8010                               | 367   | 3763   | 4130                                       | - 42                                                 | - 664  | - 357              | 4307                            | 3950   | 2601  |                                                | 11                                              | 1,688,000 | 4892                                                 | 6908                     | 11500  | 3     | 94,840                                       | 1710                                     |       |   |
| 8165             | 7730                               | 415   | 3772   | 4187                                       | - 51                                                 | - 799  | - 664              | 4414                            | 3780   | 2602  |                                                | 12                                              | 1,672,000 | 4984                                                 | 7016                     | 12000  | 3     | 94,290                                       | 1740                                     |       |   |
| 7718             | 6770                               | 308   | 3694   | 4002                                       | - 75                                                 | - 1181 | - 799              | 4119                            | 3320   | 2605  |                                                | 13                                              | 1,656,000 | 5076                                                 | 6724                     | 12300  | 3     | 94,270                                       | 1740                                     |       |   |
| 6867             | 5830                               | 336   | 3716   | 4052                                       | - 82                                                 | - 1291 | - 1181             | 3881                            | 2680   | 2606  |                                                | 14                                              | 1,642,000 | 6033                                                 | 6467                     | 12300  | 3     | 94,260                                       | 1740                                     |       |   |
| 6047             | 5150                               | 311   | 3611   | 3922                                       | - 73                                                 | - 1135 | - 1291             | 3511                            | 2020   | 2603  |                                                | 15                                              | 1,623,000 | 6486                                                 | 5914                     | 12400  | 3     | 95,180                                       | 1740                                     |       |   |
| 6469             | 6020                               | 119   | 3144   | 3263                                       | - 34                                                 | - 534  | - 1135             | 3385                            | 2250   | 2601  |                                                | 16                                              | 1,607,000 | 6414                                                 | 5988                     | 12400  | 3     | 95,670                                       | 1740                                     |       |   |
| 6479             | 7580                               | 165   | 3725   | 3890                                       | 55                                                   | 861    | - 534              | 3314                            | 2780   | 2604  |                                                | 17                                              | 1,593,000 | 6482                                                 | 5918                     | 12400  | 3     | 95,790                                       | 1750                                     |       |   |
| 6891             | 6210                               | 377   | 3781   | 4158                                       | 57                                                   | 885    | 861                | 3059                            | 3930   | 2592  |                                                | 18                                              | 1,580,000 | 6739                                                 | 5661                     | 12400  | 3     | 96,150                                       | 1720                                     |       |   |
| 6639             | 7700                               | 291   | 3729   | 4020                                       | 48                                                   | 724    | 885                | 2915                            | 3800   | 2594  |                                                | 19                                              | 1,567,000 | 6891                                                 | 5509                     | 12400  | 3     | 96,030                                       | 1690                                     |       |   |
| 6379             | 5670                               | 285   | 3686   | 3971                                       | - 60                                                 | - 934  | 724                | 2126                            | 2850   | 2591  |                                                | 20                                              | 1,551,000 | 7563                                                 | 4717                     | 12300  | 3     | 96,390                                       | 1660                                     |       |   |
| 5466             | 6800                               | 307   | 3672   | 3979                                       | 61                                                   | 964    | - 934              | 2034                            | 2000   | 2599  |                                                | 21                                              | 1,526,000 | 6767                                                 | 5538                     | 12300  | 3     | 95,670                                       | 1650                                     |       |   |
| 4678             | 6700                               | 336   | 3615   | 3951                                       | 101                                                  | 1585   | 964                | 2196                            | 3160   | 2579  |                                                | 22                                              | 1,519,000 | 7425                                                 | 4773                     | 12200  | 3     | 95,910                                       | 1650                                     |       |   |
| 4443             | 5410                               | 293   | 3674   | 3967                                       | 40                                                   | 634    | 1585               | 1025                            | 2610   | 2581  |                                                | 23                                              | 1,504,000 | 8694                                                 | 3606                     | 12300  | 3     | 96,360                                       | 1670                                     |       |   |
| 4186             | 3710                               | 249   | 3485   | 3734                                       | - 44                                                 | - 681  | 634                | 966                             | 1500   | 2583  |                                                | 24                                              | 1,488,000 | 8751                                                 | 3549                     | 12300  | 3     | 96,750                                       | 1620                                     |       |   |
| 4435             | 3000                               | 0     | 2378   | 2378                                       | - 86                                                 | - 1350 | 533                | 207                             | 740    | 2596  |                                                | 25                                              | 1,469,000 | 9497                                                 | 2805                     | 12300  | 3     | 96,630                                       | 1600                                     |       |   |
| 2630             | 4380                               | 2     | 2897   | 2899                                       | 93                                                   | 1455   | 761                | 219                             | 980    | 2583  |                                                | 26                                              | 1,450,000 | 9498                                                 | 2802                     | 12300  | 3     | 97,350                                       | 1600                                     |       |   |
| 3037             | 4840                               | 207   | 3306   | 3513                                       | 96                                                   | 1500   | 978                | 222                             | 1200   | 2569  |                                                | 27                                              | 1,434,000 | 9009                                                 | 2791                     | 11800  | 3     | 97,520                                       | 1570                                     |       |   |
| 2652             | 4940                               | 1265  | 2690   | 3955                                       | 61                                                   | 962    | 1064               | 216                             | 1280   | 2615  |                                                | 28                                              | 1,419,000 | 8669                                                 | 2831                     | 11500  | 3     | 98,990                                       | 1550                                     |       |   |
| 3369             | 4360                               | 1030  | 2942   | 3972                                       | - 3                                                  | - 36   | 815                | 245                             | 1060   | 2623  |                                                | 29                                              | 1,403,000 | 9832                                                 | 2866                     | 11700  | 3     | 95,910                                       | 1510                                     |       |   |
| 3215             | 4360                               | 1000  | 2720   | 3720                                       | 9                                                    | 138    | 457                | 245                             | 702    | 2612  |                                                | 30                                              | 1,385,000 | 8843                                                 | 2857                     | 11700  | 3     | 95,180                                       | 1480                                     |       |   |
| 3139             | 4640                               | 1289  | 2708   | 3994                                       | 13                                                   | 199    | 602                | 210                             | 912    | 2597  |                                                | 31                                              | 1,369,000 | 8893                                                 | 2807                     | 11700  | 3     | 95,180                                       | 1440                                     |       |   |
| 2669             | 5180                               | 1305  | 2753   | 4058                                       | 71                                                   | 1105   | 801                | 209                             | 1010   | 2603  |                                                | AUG. 1                                          | 1,352,000 | 8788                                                 | 2812                     | 11600  | 3     | 94,950                                       | 1440                                     |       |   |
| 2771             | 5350                               | 1271  | 2740   | 4011                                       | 78                                                   | 1230   | 1175               | 215                             | 1390   | 2595  |                                                | 2                                               | 1,338,000 | 9090                                                 | 2810                     | 11500  | 3     | 94,490                                       | 1440                                     |       |   |
| 2564             | 5190                               | 1258  | 2691   | 3949                                       | 82                                                   | 1286   | 1324               | 226                             | 1550   | 2601  |                                                | 3                                               | 1,317,000 | 9273                                                 | 2827                     | 12100  | 3     | 95,720                                       | 1440                                     |       |   |
| 2200             | 5000                               | 1240  | 2629   | 3869                                       | 94                                                   | 1466   | 1074               | 216                             | 1290   | 2599  |                                                | 4                                               | 1,303,000 | 9185                                                 | 2815                     | 12000  | 3     | 95,190                                       | 1470                                     |       |   |
| 2118             | 4690                               | 1493  | 2414   | 3907                                       | 65                                                   | 1014   | 1072               | 228                             | 1300   | 2606  |                                                | 5                                               | 1,287,000 | 9166                                                 | 2834                     | 12000  | 3     | 95,570                                       | 1540                                     |       |   |
| 2079             | 4360                               | 1483  | 2287   | 3770                                       | 48                                                   | 750    | 760                | 228                             | 988    | 2623  |                                                | 6                                               | 1,269,000 | 9249                                                 | 2851                     | 12100  | 3     | 96,150                                       | 1570                                     |       |   |
| 2351             | 5090                               | 1472  | 2343   | 3815                                       | 76                                                   | 1191   | 872                | 228                             | 1100   | 2622  |                                                | 7                                               | 1,252,000 | 9250                                                 | 2850                     | 12100  | 3     | 96,870                                       | 1580                                     |       |   |
| 3942             | 3950                               | 1053  | 2635   | 3688                                       | - 63                                                 | - 982  | 1248               | 232                             | 1480   | 2632  |                                                | 8                                               | 1,237,000 | 9336                                                 | 2864                     | 12200  | 3     | 97,550                                       | 1590                                     |       |   |
| 2396             | 5860                               | 963   | 2482   | 3445                                       | 150                                                  | 2351   | 966                | 222                             | 1190   | 2650  |                                                | 9                                               | 1,220,000 | 9428                                                 | 2872                     | 12300  | 3     | 97,840                                       | 1590                                     |       |   |
| 2646             | 5830                               | 937   | 2445   | 3382                                       | 135                                                  | 2112   | 2516               | 344                             | 2860   | 2669  |                                                | 10                                              | 1,206,000 | 9087                                                 | 3013                     | 12100  | 3     | 97,110                                       | 1620                                     |       |   |
| 2307             | 5190                               | 1306  | 2182   | 3488                                       | 95                                                   | 1482   | 2016               | 264                             | 2260   | 2648  |                                                | 11                                              | 1,193,000 | 9088                                                 | 2912                     | 12000  | 3     | 97,350                                       | 1630                                     |       |   |
| 2572             | 4750                               | 1277  | 2211   | 3488                                       | 54                                                   | 847    | 1436               | 224                             | 1660   | 2658  |                                                | 12                                              | 1,179,000 | 9018                                                 | 2882                     | 11900  | 3     | 97,110                                       | 1630                                     |       |   |
| 2423             | 4490                               | 1303  | 2153   | 3456                                       | 46                                                   | 718    | 942                | 218                             | 1360   | 2678  |                                                | 13                                              | 1,162,000 | 9004                                                 | 2896                     | 11900  | 3     | 96,270                                       | 1630                                     |       |   |
| 2322             | 4900                               | 718   | 2705   | 3423                                       | 112                                                  | 1748   | 1204               | 216                             | 1420   | 2680  |                                                | 14                                              | 1,146,000 | 8904                                                 | 2896                     | 11800  | 3     | 96,670                                       | 1630                                     |       |   |
| 2749             | 5440                               | 586   | 2753   | 3339                                       | 126                                                  | 1979   | 1810               | 230                             | 2040   | 2675  |                                                | 15                                              | 1,132,000 | 8896                                                 | 2908                     | 11800  | 3     | 96,290                                       | 1590                                     |       |   |
| 2855             | 4970                               | 504   | 2671   | 3075                                       | 97                                                   | 1514   | 2015               | 255                             | 2250   | 2682  |                                                | 16                                              | 1,116,000 | 9563                                                 | 2917                     | 12500  | 3     | 95,790                                       | 1570                                     |       |   |
| 2690             | 4690                               | 298   | 2628   | 3126                                       | 102                                                  | 1600   | 1850               | 230                             | 2080   | 2669  |                                                | 17                                              | 1,102,000 | 9501                                                 | 2899                     | 12400  | 3     | 95,430                                       | 1580                                     |       |   |
| 2218             | 4170                               | 310   | 2721   | 3031                                       | 99                                                   | 1546   | 1359               | 221                             | 1580   | 2668  |                                                | 18                                              | 1,087,000 | 9311                                                 | 2889                     | 12200  | 3     | 96,390                                       | 1580                                     |       |   |
| 1905             | 3750                               | 741   | 2376   | 3117                                       | 66                                                   | 1037   | 975                | 208                             | 1180   | 2661  |                                                | 19                                              | 1,070,000 | 9034                                                 | 2886                     | 11900  | 3     | 96,750                                       | 1580                                     |       |   |
| 1770             | 3680                               | 790   | 2278   | 3065                                       | 67                                                   | 1053   | 648                | 204                             | 852    | 2675  |                                                | 20                                              | 1,051,000 | 8921                                                 | 2879                     | 11800  | 3     | 95,670                                       | 1580                                     |       |   |
| 1767             | 3710                               | 915   | 2220   | 3135                                       | 63                                                   | 985    | 541                | 215                             | 786    | 2648  |                                                | 21                                              | 1,037,000 | 8937                                                 | 2863                     | 11800  | 3     | 95,430                                       | 1580                                     |       |   |
| 1911             | 4070                               | 1014  | 2147   | 3161                                       | 87                                                   | 1358   | 646                | 238                             | 884    | 2647  |                                                | 22                                              | 1,023,000 | 8815                                                 | 2885                     | 11700  | 3     | 95,430                                       | 1580                                     |       |   |
| 2079             | 4480                               | 956   | 2176   | 3134                                       | 86                                                   | 1346   | 1118               | 262                             | 1380   | 2645  |                                                | 23                                              | 1,008,000 | 8898                                                 | 2907                     | 11500  | 3     | 95,430                                       | 1580                                     |       |   |
|                  |                                    |       |        |                                            |                                                      |        | 1445               | 255                             | 1700   | 2659  |                                                | 24                                              | 993,000   | 8488                                                 | 2914                     | 11400  | 3     | 94,720                                       | 1580                                     |       |   |



## PLATE 11

| LAKE<br>MCLELLAN<br>ELEVATION<br>FEET | MINIDOKA CANALS |       |       |        |        | SNAKE RIVER<br>NEAR MINIDOKA |        |       | DATE   | MILNER<br>LAKE<br>ELEVATION<br>FEET | MINOR<br>STORAGE<br>DIVERSIONS<br>MINIDOKA<br>TO MILNER | GOODING PROJECT |        |       | NORTH SIDE CANAL COMPANY |         |      |       |        | TWIN FALLS<br>CANAL COMPANY |        |        | MILNER LOW LIFT |        |        | SHAR<br>AT |       |
|---------------------------------------|-----------------|-------|-------|--------|--------|------------------------------|--------|-------|--------|-------------------------------------|---------------------------------------------------------|-----------------|--------|-------|--------------------------|---------|------|-------|--------|-----------------------------|--------|--------|-----------------|--------|--------|------------|-------|
|                                       | NORTH           | SOUTH | TOTAL | STORED | NORMAL | STORED                       | NORMAL | TOTAL |        |                                     |                                                         | STORED          | NORMAL | TOTAL | P.A.                     | GOODING | MAIN | TOTAL | STORED | NORMAL                      | STORED | NORMAL | TOTAL           | STORED | NORMAL |            | TOTAL |
| 1,040                                 | 1670            | 1250  | 2920  | 194    | 2726   | 1751                         | 7419   | 9170  | JULY 9 | 10.86                               | 3                                                       | 1530            | 0      | 1530  | 67                       | 960     | 2700 | 3727  | 23     | 3704                        | 0      | 3580   | 3580            | 120    | 135    | 255        | 264   |
| 1,090                                 | 1680            | 1260  | 2940  | 527    | 2413   | 3360                         | 6000   | 9360  | 10     | 11.02                               | 3                                                       | 1570            | 0      | 1570  | 67                       | 980     | 2800 | 3847  | 847    | 3000                        | 580    | 3000   | 3580            | 255    | 0      | 255        | 249   |
| 1,180                                 | 1710            | 1270  | 2980  | 1254   | 1726   | 4018                         | 5182   | 9200  | 11     | 11.02                               | 3                                                       | 1570            | 0      | 1570  | 67                       | 980     | 2790 | 3637  | 1756   | 2681                        | 570    | 3000   | 3570            | 255    | 0      | 255        | 248   |
| 1,230                                 | 1740            | 1280  | 3020  | 1894   | 1726   | 3840                         | 5290   | 9230  | 12     | 11.00                               | 3                                                       | 1570            | 0      | 1570  | 67                       | 980     | 2780 | 3607  | 1625   | 2182                        | 580    | 3000   | 3580            | 255    | 0      | 255        | 247   |
| 1,370                                 | 1740            | 1300  | 3040  | 1314   | 1726   | 4392                         | 4998   | 9390  | 13     | 10.96                               | 3                                                       | 1570            | 0      | 1570  | 67                       | 980     | 2760 | 3617  | 1527   | 2280                        | 620    | 3000   | 3620            | 170    | 0      | 170        | 268   |
| 1,420                                 | 1740            | 1300  | 3040  | 1314   | 1726   | 4429                         | 4741   | 9170  | 14     | 11.03                               | 3                                                       | 1590            | 0      | 1590  | 67                       | 1020    | 2800 | 3687  | 1889   | 1988                        | 620    | 3000   | 3620            | 115    | 0      | 115        | 322   |
| 1,520                                 | 1740            | 1290  | 3030  | 1304   | 1726   | 5102                         | 4188   | 9290  | 15     | 11.02                               | 3                                                       | 1580            | 0      | 1580  | 67                       | 1030    | 2770 | 3687  | 2126   | 1741                        | 600    | 3000   | 3600            | 255    | 0      | 255        | 319   |
| 1,580                                 | 1740            | 1290  | 3030  | 1304   | 1726   | 5100                         | 4260   | 9360  | 16     | 11.00                               | 3                                                       | 1570            | 0      | 1570  | 67                       | 1020    | 2750 | 3637  | 2049   | 1188                        | 580    | 3000   | 3590            | 255    | 0      | 255        | 316   |
| 1,670                                 | 1740            | 1290  | 3030  | 1304   | 1726   | 5318                         | 4192   | 9510  | 17     | 11.00                               | 3                                                       | 1580            | 0      | 1580  | 67                       | 1010    | 2730 | 3607  | 2547   | 1260                        | 590    | 3000   | 3590            | 255    | 0      | 255        | 319   |
| 1,780                                 | 1730            | 1290  | 3020  | 1294   | 1726   | 5735                         | 3935   | 9670  | 18     | 10.98                               | 3                                                       | 1550            | 0      | 1550  | 67                       | 1020    | 2740 | 3627  | 2638   | 1192                        | 590    | 3000   | 3590            | 255    | 0      | 255        | 319   |
| 1,850                                 | 1720            | 1290  | 3010  | 1284   | 1726   | 6047                         | 3783   | 9830  | 19     | 11.02                               | 3                                                       | 1560            | 0      | 1560  | 67                       | 1040    | 2770 | 3677  | 2942   | 935                         | 580    | 3000   | 3580            | 255    | 0      | 255        | 328   |
| 1,930                                 | 1690            | 1280  | 2970  | 1244   | 1726   | 6047                         | 3783   | 9830  | 20     | 11.05                               | 3                                                       | 1580            | 0      | 1580  | 67                       | 1030    | 2800 | 3697  | 3114   | 785                         | 580    | 3000   | 3580            | 255    | 0      | 255        | 326   |
| 2,030                                 | 1690            | 1280  | 2940  | 1623   | 1317   | 6330                         | 3400   | 9730  | 21     | 10.86                               | 3                                                       | 1580            | 0      | 1580  | 67                       | 990     | 2710 | 3767  | 3367   | 400                         | 580    | 3000   | 3580            | 255    | 0      | 255        | 313   |
| 2,390                                 | 1660            | 1280  | 2940  | 1204   | 1726   | 6123                         | 3907   | 9930  | 22     | 11.04                               | 3                                                       | 1570            | 0      | 1570  | 67                       | 1020    | 2760 |       |        |                             |        |        |                 |        |        |            |       |



# STATIONS 1954

PLATE NO. 12

| E RIVER<br>MINIDOKA |       | DATE   | MILNER<br>LAKE<br>GAGE<br>FEET | MINOR<br>STORED<br>DIVERSIONS<br>MINIDOKA<br>TO MILNER | GOODING PROJECT |        |       | NORTH SIDE CANAL COMPANY |         |      |       | TWIN FALLS<br>CANAL COMPANY |        |        | MILNER LOW LIFT |       |        | SHAKE RIVER<br>AT MILNER |       |        |        |       |
|---------------------|-------|--------|--------------------------------|--------------------------------------------------------|-----------------|--------|-------|--------------------------|---------|------|-------|-----------------------------|--------|--------|-----------------|-------|--------|--------------------------|-------|--------|--------|-------|
| NORMAL              | TOTAL |        |                                |                                                        | STORED          | NORMAL | TOTAL | P.A.                     | GOODING | MAIN | TOTAL | STORED                      | NORMAL | STORED | NORMAL          | TOTAL | STORED | NORMAL                   | TOTAL | STORED | NORMAL | TOTAL |
| 19                  | 9170  | JULY 9 | 10.86                          | 3                                                      | 1530            | 0      | 1530  | 67                       | 960     | 2700 | 3727  | 23                          | 3704   | 0      | 3580            | 3580  | 120    | 135                      | 255   | 264    | 0      | 264   |
| 20                  | 9360  | 10     | 11.02                          | 3                                                      | 1570            | 0      | 1570  | 67                       | 980     | 2800 | 3847  | 947                         | 3000   | 560    | 3000            | 3560  | 255    | 0                        | 255   | 249    | 0      | 249   |
| 1081                | 9260  | 11     | 11.02                          | 3                                                      | 1570            | 0      | 1570  | 67                       | 980     | 2790 | 3837  | 1756                        | 2081   | 570    | 3000            | 3570  | 255    | 0                        | 255   | 249    | 0      | 249   |
| 1182                | 9200  | 12     | 11.00                          | 3                                                      | 1570            | 0      | 1570  | 67                       | 980     | 2760 | 3807  | 1625                        | 2182   | 580    | 3000            | 3580  | 255    | 0                        | 255   | 246    | 0      | 246   |
| 290                 | 9230  | 13     | 10.96                          | 3                                                      | 1570            | 0      | 1570  | 67                       | 990     | 2760 | 3817  | 1527                        | 2280   | 620    | 3000            | 3620  | 170    | 0                        | 170   | 285    | 0      | 285   |
| 998                 | 9390  | 14     | 11.03                          | 3                                                      | 1590            | 0      | 1590  | 67                       | 1020    | 2800 | 3887  | 1889                        | 1998   | 620    | 3000            | 3620  | 115    | 0                        | 115   | 322    | 0      | 322   |
| 741                 | 9170  | 15     | 11.02                          | 3                                                      | 1580            | 0      | 1580  | 67                       | 1030    | 2770 | 3867  | 2126                        | 1741   | 600    | 3000            | 3600  | 255    | 0                        | 255   | 319    | 0      | 319   |
| 188                 | 9290  | 16     | 11.00                          | 3                                                      | 1570            | 0      | 1570  | 67                       | 1020    | 2750 | 3837  | 2849                        | 1188   | 580    | 3000            | 3580  | 255    | 0                        | 255   | 316    | 0      | 316   |
| 260                 | 9360  | 17     | 11.00                          | 3                                                      | 1560            | 0      | 1560  | 67                       | 1010    | 2730 | 3807  | 2547                        | 1260   | 590    | 3000            | 3590  | 255    | 0                        | 255   | 319    | 0      | 319   |
| 192                 | 9510  | 18     | 10.98                          | 3                                                      | 1550            | 0      | 1550  | 67                       | 1020    | 2740 | 3827  | 2638                        | 1192   | 590    | 3000            | 3590  | 255    | 0                        | 255   | 319    | 0      | 319   |
| 935                 | 8670  | 19     | 11.02                          | 3                                                      | 1560            | 0      | 1560  | 67                       | 1040    | 2770 | 3877  | 2942                        | 935    | 580    | 3000            | 3580  | 255    | 0                        | 255   | 328    | 0      | 328   |
| 763                 | 9830  | 20     | 11.05                          | 3                                                      | 1580            | 0      | 1580  | 67                       | 1030    | 2800 | 3897  | 3114                        | 763    | 580    | 3000            | 3580  | 255    | 0                        | 255   | 336    | 0      | 336   |
| 400                 | 9730  | 21     | 10.88                          | 3                                                      | 1560            | 0      | 1560  | 67                       | 990     | 2710 | 3767  | 3367                        | 400    | 580    | 3000            | 3580  | 255    | 0                        | 255   | 313    | 0      | 313   |
| 507                 | 9930  | 22     | 11.04                          | 3                                                      | 1570            | 0      | 1570  | 67                       | 1020    | 2760 | 3847  | 3040                        | 607    | 580    | 3000            | 3580  | 255    | 0                        | 255   | 322    | 0      | 322   |
| 400                 | 9200  | 23     | 11.00                          | 3                                                      | 1570            | 0      | 1570  | 67                       | 1010    | 2720 | 3797  | 3397                        | 400    | 590    | 3000            | 3590  | 255    | 0                        | 255   | 316    | 0      | 316   |
| 400                 | 9230  | 24     | 11.00                          | 3                                                      | 1580            | 0      | 1580  | 72                       | 990     | 2720 | 3782  | 3382                        | 400    | 600    | 3000            | 3600  | 253    | 0                        | 253   | 316    | 0      | 316   |
| 400                 | 9140  | 25     | 10.98                          | 3                                                      | 1590            | 0      | 1590  | 73                       | 970     | 2720 | 3763  | 3363                        | 400    | 570    | 3000            | 3570  | 256    | 0                        | 256   | 328    | 0      | 328   |
| 103                 | 9110  | 26     | 11.01                          | 3                                                      | 1590            | 0      | 1590  | 73                       | 980     | 2740 | 3793  | 3463                        | 330    | 1067   | 2473            | 3540  | 256    | 0                        | 256   | 325    | 0      | 325   |
| 2                   | 9080  | 27     | 11.03                          | 3                                                      | 1590            | 0      | 1590  | 73                       | 990     | 2780 | 3843  | 3513                        | 330    | 1048   | 2472            | 3520  | 256    | 0                        | 256   | 579    | 0      | 579   |
| 91                  | 8700  | 28     | 11.00                          | 3                                                      | 1580            | 0      | 1580  | 73                       | 980     | 2750 | 3803  | 3478                        | 328    | 1067   | 2463            | 3530  | 256    | 0                        | 256   | 435    | 0      | 435   |
| 131                 | 9080  | 29     | 11.00                          | 3                                                      | 1580            | 0      | 1580  | 72                       | 970     | 2740 | 3782  | 3449                        | 333    | 1062   | 2498            | 3560  | 256    | 0                        | 256   | 428    | 0      | 428   |
| 88                  | 9110  | 30     | 11.00                          | 3                                                      | 1580            | 0      | 1580  | 72                       | 970     | 2760 | 3802  | 3465                        | 337    | 1029   | 2531            | 3569  | 256    | 0                        | 256   | 322    | 0      | 322   |
| 57                  | 9110  | 31     | 11.00                          | 3                                                      | 1580            | 0      | 1580  | 72                       | 970     | 2780 | 3822  | 3486                        | 336    | 1039   | 2521            | 3580  | 256    | 0                        | 256   | 330    | 0      | 330   |
| 07                  | 9110  | AUG. 1 | 10.98                          | 3                                                      | 1570            | 0      | 1570  | 72                       | 970     | 2760 | 3802  | 3472                        | 330    | 1063   | 2477            | 3540  | 245    | 0                        | 245   | 330    | 0      | 330   |
| 12                  | 9140  | 2      | 11.00                          | 3                                                      | 1580            | 0      | 1580  | 72                       | 970     | 2780 | 3822  | 3491                        | 331    | 1039   | 2481            | 3520  | 230    | 0                        | 230   | 322    | 0      | 322   |
| 10                  | 9080  | 3      | 10.92                          | 3                                                      | 1570            | 0      | 1570  | 73                       | 950     | 2740 | 3763  | 3432                        | 331    | 1071   | 2479            | 3550  | 240    | 0                        | 240   | 319    | 0      | 319   |
| 27                  | 9290  | 4      | 11.00                          | 3                                                      | 1580            | 0      | 1580  | 73                       | 960     | 2760 | 3793  | 3461                        | 332    | 1095   | 2495            | 3590  | 253    | 0                        | 253   | 322    | 0      | 322   |
| 5                   | 9170  | 5      | 10.98                          | 3                                                      | 1570            | 0      | 1570  | 73                       | 950     | 2760 | 3783  | 3452                        | 331    | 1106   | 2484            | 3590  | 253    | 0                        | 253   | 322    | 0      | 322   |
| 4                   | 9200  | 6      | 10.98                          | 3                                                      | 1570            | 0      | 1570  | 73                       | 950     | 2760 | 3783  | 3450                        | 333    | 1129   | 2501            | 3630  | 253    | 0                        | 253   | 322    | 0      | 322   |
| 1                   | 9260  | 7      | 10.97                          | 3                                                      | 1550            | 0      | 1550  | 73                       | 940     | 2760 | 3773  | 3438                        | 335    | 1124   | 2516            | 3640  | 253    | 0                        | 253   | 325    | 0      | 325   |
| 10                  | 9170  | 8      | 11.01                          | 3                                                      | 1540            | 0      | 1540  | 73                       | 920     | 2760 | 3753  | 3418                        | 335    | 1115   | 2515            | 3630  | 253    | 0                        | 253   | 328    | 0      | 328   |
| 14                  | 9140  | 9      | 11.00                          | 3                                                      | 1540            | 0      | 1540  | 73                       | 920     | 2760 | 3753  | 3416                        | 337    | 1083   | 2527            | 3610  | 253    | 0                        | 253   | 330    | 0      | 330   |
| 2                   | 9140  | 10     | 11.00                          | 3                                                      | 1540            | 0      | 1540  | 73                       | 920     | 2740 | 3733  | 3395                        | 338    | 1086   | 2534            | 3600  | 253    | 0                        | 253   | 328    | 0      | 328   |
| 3                   | 9080  | 11     | 11.00                          | 3                                                      | 1540            | 0      | 1540  | 73                       | 920     | 2740 | 3733  | 3379                        | 354    | 911    | 2659            | 3570  | 253    | 0                        | 253   | 333    | 0      | 333   |
| 2                   | 9080  | 12     | 10.99                          | 3                                                      | 1540            | 0      | 1540  | 73                       | 910     | 2740 | 3723  | 3381                        | 342    | 1000   | 2570            | 3570  | 250    | 0                        | 250   | 333    | 0      | 333   |
| 2                   | 9020  | 13     | 11.01                          | 3                                                      | 1530            | 0      | 1530  | 73                       | 920     | 2760 | 3753  | 3414                        | 359    | 1037   | 2543            | 3580  | 250    | 0                        | 250   | 336    | 0      | 336   |
| 6                   | 9090  | 14     | 11.00                          | 3                                                      | 1530            | 0      | 1530  | 73                       | 900     | 2790 | 3723  | 3383                        | 340    | 1024   | 2556            | 3580  | 250    | 0                        | 250   | 330    | 0      | 330   |
| 6                   | 9170  | 15     | 11.00                          | 3                                                      | 1530            | 0      | 1530  | 73                       | 890     | 2790 | 3713  | 3373                        | 340    | 1034   | 2556            | 3590  | 253    | 0                        | 253   | 325    | 0      | 325   |
| 5                   | 9260  | 16     | 10.98                          | 3                                                      | 1530            | 0      | 1530  | 73                       | 890     | 2760 | 3723  | 3381                        | 342    | 1027   | 2563            | 3590  | 253    | 0                        | 253   | 325    | 0      | 325   |
| 7                   | 9360  | 17     | 11.02                          | 3                                                      | 1540            | 0      | 1540  | 73                       | 900     | 2780 | 3753  | 3410                        | 343    | 1036   | 2574            | 3610  | 253    | 0                        | 253   | 328    | 0      | 328   |
| 9                   | 9200  | 18     | 11.02                          | 3                                                      | 1540            | 0      | 1540  | 73                       | 900     | 2780 | 3753  | 3412                        | 341    | 1052   | 2588            | 3610  | 253    | 0                        | 253   | 328    | 0      | 328   |
| 9                   | 9020  | 19     | 10.98                          | 3                                                      | 1540            | 0      | 1540  | 73                       | 880     | 2760 | 3713  | 3373                        | 340    | 1081   | 2549            | 3630  | 253    | 0                        | 253   | 325    | 0      | 325   |
| 8                   | 9140  | 20     | 10.96                          | 3                                                      | 1540            | 0      | 1540  | 73                       | 860     | 2750 | 3683  | 3346                        | 337    | 1131   | 2529            | 3680  | 253    | 0                        | 253   | 325    | 0      | 325   |
| 8                   | 9230  | 21     | 10.90                          | 3                                                      | 1550            | 0      | 1550  | 73                       | 860     | 2740 | 3673  | 3334                        | 339    | 1120   | 2540            | 3660  | 253    | 0                        | 253   | 325    | 0      | 325   |
| 3                   | 9260  | 22     | 11.00                          | 3                                                      | 1560            | 0      | 1560  | 73                       | 870     | 2740 | 3683  | 3346                        | 337    | 1144   | 2526            | 3670  | 253    | 0                        | 253   | 333    | 0      | 333   |
| 1                   | 9200  | 23     | 11.04                          | 3                                                      | 1560            | 0      | 1560  | 73                       | 870     | 2680 | 3623  | 3284                        | 339    | 1114   | 2546            | 3680  | 253    | 0                        | 253   | 342    | 0      | 342   |
| 7                   | 8810  | 24     | 10.98                          | 3                                                      | 1510            | 0      | 1510  | 73                       | 930     | 2680 | 3663  | 3321                        | 342    | 1085   | 2565            | 3650  | 243    | 0                        | 243   | 333    | 0      | 333   |
| 7                   | 8930  | 25     | 11.00                          | 3                                                      | 1500            | 0      | 1500  | 73                       | 970     | 2680 | 3723  | 3381                        | 342    | 1048   | 2572            | 3620  | 232    | 0                        | 232   | 333    | 0      | 333   |



# DAILY SEGREGATION

| DATE    | JACKSON LAKE CONTENTS ACRE-FOOT | SNAKE RIVER AT MORAN |        |       | MORAN TO HEISE |                  | DATE    | HEISE & RILEY |        |       | STORAGE INFLOW HEISE TO SHELLEY |                          | STORAGE LOSS HEISE TO SHELLEY | DIVERSIONS HEISE TO SHELLEY |        |       | DATE    | SNAKE RIVER NEAR SHELLEY |         |
|---------|---------------------------------|----------------------|--------|-------|----------------|------------------|---------|---------------|--------|-------|---------------------------------|--------------------------|-------------------------------|-----------------------------|--------|-------|---------|--------------------------|---------|
|         |                                 | STORED               | NORMAL | TOTAL | STORED LOSS    | STORED DIVERSION |         | STORED        | NORMAL | TOTAL | MARKET LAKE                     | HENRYS FORK NEAR REXBURG |                               | STORED                      | NORMAL | TOTAL |         | STORED                   | NORMAL  |
| AUG. 21 | 578,890                         | 3380                 | 1000   | 4380  | 84             | 2                | AUG. 22 | 3294          | 5115   | 8409  | 8                               | -122                     | 161                           | 754                         | 6422   | 7156  | AUG. 23 | 2285                     | 2155    |
| 22      | 572,740                         | 3233                 | 957    | 4190  | 81             | 2                | 23      | 3150          | 4934   | 8084  | 8                               | -90                      | 154                           | 761                         | 6357   | 7118  | 24      | 2153                     | 1987    |
| 23      | 566,850                         | 3120                 | 950    | 4070  | 78             | 2                | 24      | 3040          | 4764   | 7804  | 8                               | -37                      | 148                           | 780                         | 6267   | 7047  | 25      | 2083                     | 1767    |
| 24      | 560,490                         | 3180                 | 950    | 4130  | 80             | 2                | 25      | 3098          | 4648   | 7743  | 8                               | -79                      | 161                           | 771                         | 6286   | 7057  | 26      | 2105                     | 1465    |
| 25      | 553,900                         | 3310                 | 950    | 4260  | 83             | 2                | 26      | 3225          | 4479   | 7704  | 8                               | -163                     | 157                           | 815                         | 6363   | 7168  | 27      | 2088                     | 1152    |
| 26      | 547,340                         | 3570                 | 950    | 4520  | 89             | 2                | 27      | 3479          | 4495   | 7974  | 7                               | -262                     | 170                           | 887                         | 6424   | 7311  | 28      | 2167                     | 1143    |
| 27      | 540,090                         | 3610                 | 950    | 4560  | 90             | 2                | 28      | 3518          | 4426   | 7944  | 7                               | -282                     | 172                           | 1091                        | 6224   | 7315  | 29      | 1980                     | 1460    |
| 28      | 532,830                         | 4070                 | 940    | 5010  | 102            |                  | 29      | 3968          | 4143   | 8111  | 7                               | -344                     | 194                           | 1069                        | 6160   | 7229  | 30      | 2368                     | 962     |
| 29      | 525,140                         | 4470                 | 940    | 5410  | 112            |                  | 30      | 4358          | 4105   | 8463  | 7                               | -484                     | 213                           | 1195                        | 6348   | 7543  | 31      | 2473                     | 777     |
| 30      | 515,850                         | 4940                 | 940    | 5880  | 123            |                  | 31      | 4817          | 3986   | 8803  | 7                               | -626                     | 235                           | 1394                        | 6293   | 7687  | SEPT. 1 | 2569                     | 931     |
| 31      | 506,320                         | 5340                 | 940    | 6280  | 134            |                  | SEPT. 1 | 5206          | 3698   | 8904  | 7                               | -593                     | 254                           | 1566                        | 5808   | 7374  | 2       | 2800                     | 1200    |
| SEPT. 1 | 495,700                         | 5770                 | 940    | 6710  | 144            |                  | 2       | 5626          | 3817   | 9443  | 7                               | -420                     | 275                           | 1488                        | 5774   | 7262  | 3       | 3450                     | 820     |
| 2       | 484,850                         | 5497                 | 943    | 6440  | 137            |                  | 3       | 5360          | 4136   | 9496  | 7                               | -317                     | 262                           | 1937                        | 5721   | 7658  | 4       | 2851                     | 1559    |
| 3       | 474,990                         | 5160                 | 940    | 6100  | 129            |                  | 4       | 5031          | 4151   | 9182  | 7                               | -114                     | 246                           | 1989                        | 5699   | 7688  | 5       | 2689                     | 1751    |
| 4       | 465,600                         | 5040                 | 940    | 5980  | 126            |                  | 5       | 4914          | 4380   | 9294  | 7                               | -90                      | 240                           | 1805                        | 5686   | 7491  | 6       | 2766                     | 1794    |
| 5       | 455,780                         | 4340                 | 1400   | 5740  | 108            |                  | 6       | 4232          | 4842   | 9074  | 7                               | -170                     | 208                           | 1715                        | 5908   | 7623  | 7       | 2148                     | 1952    |
| 6       | 446,460                         | 4050                 | 1600   | 5650  | 101            |                  | 7       | 3949          | 4955   | 8904  | 7                               | -236                     | 193                           | 1605                        | 6077   | 7682  | 8       | 1922                     | 1878    |
| 7       | 438,500                         | 4010                 | 1400   | 5410  | 100            |                  | 8       | 3910          | 4734   | 8644  | 7                               | -155                     | 191                           | 1577                        | 6110   | 7687  | 9       | 1994                     | 1444    |
| 8       | 429,920                         | 4300                 | 1350   | 5650  | 108            |                  | 9       | 4192          | 4363   | 8555  | 7                               | -358                     | 204                           | 1621                        | 6025   | 7646  | 10      | 2016                     | 1504    |
| 9       | 420,000                         | 4350                 | 1300   | 5650  | 109            |                  | 10      | 4241          | 4545   | 8786  | 7                               | -131                     | 207                           | 1724                        | 6061   | 7785  | 11      | 2186                     | 1294    |
| 10      | 411,680                         | 4240                 | 1250   | 5490  | 106            |                  | 11      | 4134          | 4329   | 8463  | 7                               | -452                     | 202                           | 1765                        | 5990   | 7755  | 12      | 1702                     | 1936    |
| 11      | 402,960                         | 4647                 | 1123   | 5770  | 116            |                  | 12      | 4531          | 4053   | 8584  | 7                               | -235                     | 221                           | 1541                        | 5929   | 7470  | 13      | 2541                     | 1181    |
| 12      | 392,680                         | 4810                 | 1120   | 5930  | 120            |                  | 13      | 4690          | 4064   | 8754  | 7                               | -270                     | 229                           | 1608                        | 5953   | 7561  | 14      | 2590                     | 1284    |
| 13      | 383,600                         | 4380                 | 1110   | 5490  | 110            |                  | 14      | 4270          | 4312   | 8582  | 7                               | -276                     | 209                           | 1668                        | 5917   | 7485  | 15      | 2124                     | 1623    |
| 14      | 375,620                         | 3700                 | 1100   | 4800  | 92             |                  | 15      | 3608          | 4424   | 8032  | 7                               | -254                     | 176                           | 1534                        | 5741   | 7275  | 16      | 1651                     | 1764    |
| 15      | 369,000                         | 3280                 | 1090   | 4370  | 82             |                  | 16      | 3198          | 4252   | 7450  | 7                               | -203                     | 156                           | 1497                        | 5685   | 7182  | 17      | 1349                     | 1714    |
| 16      | 361,320                         | 3500                 | 1080   | 4580  | 88             |                  | 17      | 3412          | 4038   | 7450  | 7                               | -156                     | 167                           | 1937                        | 5789   | 7126  | 18      | 1759                     | 1314    |
| 17      | 354,520                         | 3410                 | 1070   | 4480  | 85             |                  | 18      | 3325          | 3974   | 7299  | 7                               | -164                     | 162                           | 1170                        | 5781   | 6951  | 19      | 1836                     | 1414    |
| 18      | 347,300                         | 3160                 | 1060   | 4220  | 79             |                  | 19      | 3081          | 4108   | 7189  | 7                               | -142                     | 151                           | 968                         | 5807   | 6765  | 20      | 1837                     | 1114    |
| 19      | 341,440                         | 2790                 | 1050   | 3840  | 67             |                  | 20      | 2723          | 4083   | 6806  | 7                               | -226                     | 133                           | 688                         | 5682   | 6350  | 21      | 1683                     | 1114    |
| 20      | 335,800                         | 2260                 | 1040   | 3300  | 56             |                  | 21      | 2204          | 4313   | 6517  | 7                               | -212                     | 107                           | 637                         | 5642   | 6279  | 22      | 1255                     | 1114    |
| 21      | 331,680                         | 1837                 | 963    | 2800  | 46             |                  | 22      | 1791          | 4132   | 5923  | 7                               | -226                     | 87                            | 586                         | 5492   | 6080  | 23      | 897                      | 1114    |
| 22      | 327,770                         | 1910                 | 950    | 2860  | 48             |                  | 23      | 1862          | 3950   | 5812  | 7                               | -223                     | 91                            | 564                         | 5269   | 5833  | 24      | 991                      | 1114    |
| 23      | 324,330                         | 1690                 | 940    | 2630  | 42             |                  | 24      | 1648          | 4224   | 5872  | 7                               | -209                     | 80                            | 556                         | 5210   | 5766  | 25      | 810                      | 1114    |
| 24      | 321,330                         | 1150                 | 930    | 2080  | 29             |                  | 25      | 1121          | 4338   | 5459  | 7                               | -352                     | 55                            | 402                         | 4922   | 5324  | 26      | 319                      | 1114    |
| 25      | 316,970                         | 770                  | 930    | 1700  | 19             |                  | 26      | 751           | 4285   | 5036  | 7                               | 10                       | 37                            | 353                         | 4691   | 5044  | 27      | 378                      | 1114    |
| 26      | 317,460                         | 570                  | 930    | 1500  | 14             |                  | 27      | 556           | 4227   | 4783  | 7                               | -49                      | 27                            | 265                         | 4582   | 4847  | 28      | 222                      | 1114    |
| 27      | 315,960                         | 0                    | 1010   | 1010  |                |                  | 28      | 0             | 4522   | 4522  | 7                               | -41                      |                               | 323                         | 4467   | 4810  | 29      | -357                     | 1114    |
| 28      | 315,960                         | 0                    | 491    | 491   |                |                  | 29      | 0             |        |       | 7                               | -88                      |                               | 293                         | 4256   | 4549  | 30      | -374                     | 1114    |
| 29      | 316,180                         | 0                    | 70     | 70    |                |                  | 30      | 0             |        |       | 7                               | -150                     |                               | 238                         | 3887   | 4125  |         |                          |         |
| 30      | 316,600                         | 0                    | 48     | 48    |                |                  |         |               |        |       |                                 |                          |                               |                             |        |       |         |                          |         |
| TOTAL   |                                 | 270,570              |        |       | 6,760          | 120              |         | 263,690       |        |       | 649                             | -7,994                   | 12,874                        | 109,422                     |        |       |         |                          | 134,437 |



OF DATA AT AND BETWEEN SNAKE RIVER

24 HOUR SECOND-FEET EXCEPT AS NOTED

| SNAKE RIVER<br>SHELLEY |       | DIVERSIONS<br>SHELLEY TO BLACKFOOT |        |       | STORAGE<br>LOSS<br>SHELLEY TO<br>BLACKFOOT | THEORETICAL<br>BALANCE OF<br>STORAGE AT<br>BLACKFOOT | DATE    | BLACKFOOT<br>RIVER | SNAKE RIVER<br>NEAR<br>BLACKFOOT |        |       | CALCULATED<br>INFLOW<br>BLACKFOOT<br>TO NEELEY | STORAGE<br>DIVERSIONS<br>BLACKFOOT<br>TO NEELEY | DATE    | AMERICAN FALLS<br>RESERVOIR<br>CONTENTS<br>ACRE-FT | SNAKE RIVER<br>AT NEELEY |        |       | STORAGE<br>DIVERSIONS<br>NEELEY TO<br>WALCOTT | LAKE<br>WALCOTT<br>CONTENTS<br>ACRE-FT |  |
|------------------------|-------|------------------------------------|--------|-------|--------------------------------------------|------------------------------------------------------|---------|--------------------|----------------------------------|--------|-------|------------------------------------------------|-------------------------------------------------|---------|----------------------------------------------------|--------------------------|--------|-------|-----------------------------------------------|----------------------------------------|--|
| NORMAL                 | TOTAL | STORED                             | NORMAL | TOTAL |                                            |                                                      |         |                    | STORED                           | NORMAL | TOTAL |                                                |                                                 |         |                                                    | STORED                   | NORMAL | TOTAL |                                               |                                        |  |
| 2155                   | 4440  | 919                                | 1994   | 2913  | 82                                         | 1284                                                 | AUG. 24 | 37                 | 1253                             | 257    | 1490  | 2640                                           | 1                                               | AUG. 25 | 979,000                                            | 8523                     | 2877   | 11400 | 3                                             | 94,950                                 |  |
| 1987                   | 4140  | 944                                | 2013   | 2957  | 73                                         | 1136                                                 | 25      | 52                 | 958                              | 252    | 1210  | 2641                                           | 1                                               | 26      | 963,000                                            | 8507                     | 2893   | 11400 | 3                                             | 94,570                                 |  |
| 1787                   | 3850  | 954                                | 2023   | 2977  | 68                                         | 1061                                                 | 26      | 53                 | 995                              | 253    | 948   | 2635                                           | 1                                               | 27      | 950,000                                            | 8412                     | 2888   | 11300 | 3                                             | 95,180                                 |  |
| 1485                   | 3570  | 1024                               | 1929   | 2953  | 65                                         | 1016                                                 | 27      | 42                 | 506                              | 242    | 748   | 2636                                           | 1                                               | 28      | 938,000                                            | 8422                     | 2876   | 11300 | 3                                             | 95,670                                 |  |
| 1252                   | 3350  | 1025                               | 1831   | 2856  | 64                                         | 1009                                                 | 28      | 29                 | 305                              | 229    | 534   | 2639                                           | 1                                               | 29      | 920,000                                            | 8332                     | 2868   | 11200 | 3                                             | 95,780                                 |  |
| 1143                   | 3310  | 1345                               | 1570   | 2915  | 49                                         | 773                                                  | 29      | 23                 | 246                              | 223    | 469   | 2647                                           | 1                                               | 30      | 904,000                                            | 8230                     | 2870   | 11100 | 3                                             | 95,430                                 |  |
| 1050                   | 3440  | 1334                               | 1623   | 2957  | 39                                         | 607                                                  | 30      | 20                 | 278                              | 220    | 498   | 2654                                           | 1                                               | 31      | 887,000                                            | 8226                     | 2874   | 11100 | 3                                             | 93,790                                 |  |
| 982                    | 3350  | 1598                               | 1318   | 2916  | 46                                         | 724                                                  | 31      | 4                  | 155                              | 204    | 359   | 2646                                           | 1                                               | SEPT. 1 | 875,000                                            | 8260                     | 2850   | 11100 | 3                                             | 94,020                                 |  |
| 777                    | 3250  | 1908                               | 980    | 2888  | 34                                         | 531                                                  | SEPT. 1 | 5                  | 154                              | 205    | 359   | 2647                                           | 1                                               | 2       | 858,000                                            | 8148                     | 2852   | 11000 | 3                                             | 93,550                                 |  |
| 931                    | 3500  | 1905                               | 951    | 2856  | 40                                         | 624                                                  | 2       | 9                  | 283                              | 209    | 492   | 2645                                           | 1                                               | 3       | 842,000                                            | 8446                     | 2854   | 11300 | 3                                             | 92,860                                 |  |
| 1200                   | 4000  | 2008                               | 1112   | 3120  | 47                                         | 745                                                  | 3       | 10                 | 642                              | 210    | 852   | 2646                                           | 1                                               | 4       | 827,000                                            | 8544                     | 2856   | 11400 | 3                                             | 94,020                                 |  |
| 820                    | 4270  | 1728                               | 1609   | 3337  | 103                                        | 1619                                                 | 4       | 6                  | 834                              | 206    | 1040  | 2651                                           | 1                                               | 5       | 810,000                                            | 8443                     | 2857   | 11300 | 3                                             | 94,490                                 |  |
| 559                    | 4410  | 1667                               | 1404   | 3071  | 71                                         | 1113                                                 | 5       | 8                  | 1532                             | 208    | 1740  | 2659                                           | 1                                               | 6       | 800,000                                            | 8133                     | 2867   | 11000 | 3                                             | 95,670                                 |  |
| 751                    | 4440  | 1618                               | 1099   | 2717  | 64                                         | 1007                                                 | 6       | 21                 | 1659                             | 221    | 1880  | 2674                                           | 1                                               | 7       | 787,000                                            | 7805                     | 2895   | 10700 | 3                                             | 95,670                                 |  |
| 794                    | 4580  | 1612                               | 1144   | 2756  | 70                                         | 1104                                                 | 7       | 22                 | 1588                             | 222    | 1810  | 2675                                           | 1                                               | 8       | 773,000                                            | 7703                     | 2897   | 10600 | 3                                             | 95,430                                 |  |
| 952                    | 4100  | 1606                               | 1119   | 2725  | 32                                         | 510                                                  | 8       | 22                 | 1208                             | 222    | 1430  | 2680                                           | 1                                               | 9       | 763,000                                            | 7198                     | 2902   | 10100 | 3                                             | 96,270                                 |  |
| 878                    | 3800  | 1525                               | 1080   | 2605  | 24                                         | 373                                                  | 9       | 13                 | 1027                             | 213    | 1240  | 2688                                           | 1                                               | 10      | 751,000                                            | 6509                     | 2901   | 9410  | 3                                             | 96,030                                 |  |
| 446                    | 3440  | 1502                               | 1089   | 2591  | 30                                         | 462                                                  | 10      | 19                 | 781                              | 219    | 1000  | 2687                                           | 1                                               | 11      | 739,000                                            | 6214                     | 2908   | 9120  | 3                                             | 95,180                                 |  |
| 504                    | 3520  | 1460                               | 1108   | 2568  | 33                                         | 523                                                  | 11      | 29                 | 971                              | 229    | 1200  | 2695                                           | 1                                               | 12      | 728,000                                            | 6198                     | 2924   | 9120  | 3                                             | 94,020                                 |  |
| 294                    | 3480  | 1386                               | 1103   | 2489  | 48                                         | 752                                                  | 12      | 34                 | 1046                             | 234    | 1280  | 2688                                           | 1                                               | 13      | 720,000                                            | 6148                     | 2922   | 9070  | 3                                             | 94,350                                 |  |
| 938                    | 3640  | 1325                               | 1087   | 2412  | 23                                         | 354                                                  | 13      | 45                 | 1265                             | 245    | 1510  | 2693                                           | 1                                               | 14      | 711,000                                            | 5902                     | 2938   | 8840  | 3                                             | 95,430                                 |  |
| 189                    | 3730  | 1314                               | 1102   | 2416  | 74                                         | 1153                                                 | 14      | 36                 | 1374                             | 236    | 1610  | 2694                                           | 1                                               | 15      | 699,000                                            | 5810                     | 2930   | 8740  | 3                                             | 95,550                                 |  |
| 90                     | 3670  | 1283                               | 1103   | 2386  | 78                                         | 1229                                                 | 15      | 38                 | 635                              | 1135   | 1770  | 2712                                           | 1                                               | 16      | 693,000                                            | 4843                     | 3847   | 8690  | 3                                             | 94,950                                 |  |
| 526                    | 3750  | 1209                               | 1072   | 2281  | 55                                         | 860                                                  | 16      | 32                 | 0                                | 1650   | 1650  | 2729                                           | 1                                               | 17      | 682,000                                            | 3991                     | 4379   | 8370  | 3                                             | 93,670                                 |  |
| 769                    | 3420  | 1194                               | 977    | 2171  | 27                                         | 430                                                  | 17      | 46                 |                                  |        | 1380  | 2717                                           |                                                 | 18      | 675,000                                            | 3683                     | 4097   | 7780  | 3                                             | 94,370                                 |  |
| 701                    | 3050  | 1155                               | 960    | 2115  | 12                                         | 182                                                  | 18      | 28                 |                                  |        | 1240  | 2715                                           |                                                 | 19      | 667,000                                            | 3605                     | 3955   | 7560  | 3                                             | 94,150                                 |  |
| 551                    | 3110  | 1081                               | 921    | 2002  | 41                                         | 637                                                  | 19      | 32                 |                                  |        | 1500  | 2731                                           |                                                 | 20      | 661,000                                            | 3239                     | 4231   | 7470  | 3                                             | 94,750                                 |  |
| 574                    | 3310  | 1027                               | 905    | 1932  | 49                                         | 760                                                  | 20      | 41                 |                                  |        | 1830  | 2713                                           |                                                 | 21      | 657,000                                            | 2497                     | 4543   | 7040  | 3                                             | 95,150                                 |  |
| 583                    | 3520  | 1024                               | 890    | 1914  | 49                                         | 764                                                  | 21      | 35                 |                                  |        | 1840  | 2720                                           |                                                 | 22      | 651,000                                            | 2260                     | 4560   | 6820  | 3                                             | 94,950                                 |  |
| 587                    | 3370  | 970                                | 998    | 1968  | 43                                         | 670                                                  | 22      | 29                 |                                  |        | 1530  | 2726                                           |                                                 | 23      | 646,000                                            | 2564                     | 4286   | 6820  | 3                                             | 94,950                                 |  |
| 975                    | 3230  | 1027                               | 1018   | 2045  | 14                                         | 214                                                  | 23      | 44                 |                                  |        | 1450  | 2738                                           |                                                 | 24      | 643,000                                            | 2552                     | 4188   | 6740  | 3                                             | 94,950                                 |  |
| 133                    | 3030  | 1020                               | 966    | 1986  | -7                                         | -116                                                 | 24      | 80                 |                                  |        | 1800  | 2728                                           |                                                 | 25      | 639,000                                            | 2362                     | 4328   | 6690  | 3                                             | 94,950                                 |  |
| 119                    | 3110  | 950                                | 992    | 1942  | 2                                          | 39                                                   | 25      | 98                 |                                  |        | 1720  | 2739                                           |                                                 | 26      | 635,000                                            | 2231                     | 4459   | 6690  | 3                                             | 94,950                                 |  |
| 400                    | 3210  | 896                                | 1018   | 1914  | -5                                         | -81                                                  | 26      | 95                 |                                  |        | 1920  | 2732                                           |                                                 | 27      | 631,000                                            | 1998                     | 4652   | 6650  | 3                                             | 94,950                                 |  |
| 951                    | 3270  | 792                                | 1016   | 1808  | -28                                        | -445                                                 | 27      | 95                 |                                  |        | 1890  | 2739                                           |                                                 | 28      | 622,000                                            | 1041                     | 4629   | 6670  | 3                                             | 94,950                                 |  |
| 522                    | 3010  | 0                                  | 1726   | 1726  | 23                                         | 365                                                  | 28      | 85                 |                                  |        | 1680  | 2724                                           |                                                 | 29      | 624,000                                            | 806                      | 4404   | 5010  | 3                                             | 94,950                                 |  |
| 978                    | 2700  |                                    |        | 1691  | 13                                         | 209                                                  | 29      | 87                 |                                  |        | 1430  | 2730                                           |                                                 | 30      | 627,000                                            | -1250                    | 4160   | 2910  | 1                                             | 94,950                                 |  |
| 927                    | 2670  |                                    |        | 1674  | -21                                        | -336                                                 | 30      | 87                 |                                  |        | 1500  | 2754                                           |                                                 |         |                                                    |                          |        |       |                                               |                                        |  |
| 924                    | 2650  |                                    |        | 1550  | -22                                        | -352                                                 |         |                    |                                  |        |       |                                                |                                                 |         |                                                    |                          |        |       |                                               |                                        |  |
|                        |       |                                    |        |       |                                            |                                                      |         |                    | 53,178                           |        |       |                                                |                                                 |         |                                                    | 588,268                  |        |       |                                               | 241                                    |  |
|                        |       | 77,862                             |        |       |                                            | 3,397                                                |         |                    | 53,178                           |        |       |                                                |                                                 |         |                                                    |                          |        |       |                                               |                                        |  |



VER GAGING STATIONS 1954

| LAKE<br>WALCOTT<br>CONTENTS<br>CRE-Feet | MINIDOKA CANALS |       |       |        |        | SNAKE RIVER<br>NEAR<br>MINIDOKA |        |       | DATE    | MILNER<br>LAKE<br>GAGE<br>FEET | MINOR<br>STORED<br>DIVERSIONS<br>MINIDOKA<br>TO MILNER | GOODINGS PROJECT |        |       | NORTH SIDE CANAL COMPANY |          |      |       |        | TWIN FALLS<br>CANAL COMPANY |        |        | MILN |       |        |
|-----------------------------------------|-----------------|-------|-------|--------|--------|---------------------------------|--------|-------|---------|--------------------------------|--------------------------------------------------------|------------------|--------|-------|--------------------------|----------|------|-------|--------|-----------------------------|--------|--------|------|-------|--------|
|                                         | NORTH           | SOUTH | TOTAL | STORED | NORMAL | STORED                          | NORMAL | TOTAL |         |                                |                                                        | STORED           | NORMAL | TOTAL | P.A.                     | GOODINGS | MAIN | TOTAL | STORED | NORMAL                      | STORED | NORMAL |      | TOTAL | STORED |
|                                         |                 |       |       |        |        |                                 |        |       |         |                                |                                                        |                  |        |       |                          |          |      |       |        |                             |        |        |      |       |        |
| 94,950                                  | 1480            | 1200  | 2680  | 2680   | 0      | 5933                            | 2877   | 8810  | AUG. 26 | 10.88                          |                                                        |                  |        |       |                          |          |      |       |        |                             |        |        |      |       |        |
| 94,370                                  | 1420            | 1150  | 2570  | 2570   | 0      | 5777                            | 2893   | 8670  | 27      | 10.96                          | 3                                                      | 1490             | 0      | 1490  | 73                       | 950      | 2580 | 3603  | 3265   | 338                         | 1041   | 2539   | 3580 | 222   |        |
| 95,180                                  | 1350            | 1100  | 2450  | 2450   | 0      | 5602                            | 2888   | 8490  | 28      | 10.90                          | 3                                                      | 1490             | 0      | 1490  | 73                       | 960      | 2570 | 3603  | 3263   | 340                         | 1007   | 2533   | 3580 | 222   |        |
| 95,670                                  | 1300            | 1090  | 2390  | 2390   | 0      | 5582                            | 2878   | 8460  | 29      | 10.88                          | 3                                                      | 1460             | 0      | 1460  | 60                       | 940      | 2560 | 3560  | 3220   | 340                         | 992    | 2548   | 3540 | 222   |        |
| 95,790                                  | 1290            | 1100  | 2390  | 2390   | 0      | 5682                            | 2868   | 8550  | 30      | 10.80                          | 3                                                      | 1450             | 0      | 1450  | 60                       | 930      | 2550 | 3540  | 3201   | 339                         | 1001   | 2539   | 3540 | 222   |        |
| 95,430                                  | 1330            | 1210  | 2540  | 2540   | 0      | 5800                            | 2870   | 8670  | 31      | 10.83                          | 3                                                      | 1450             | 0      | 1450  | 60                       | 930      | 2560 | 3550  | 3215   | 337                         | 1009   | 2531   | 3540 | 222   |        |
| 93,790                                  | 1350            | 1240  | 2590  | 2590   | 0      | 5966                            | 2874   | 8840  | SEPT. 1 | 11.01                          | 3                                                      | 1440             | 0      | 1440  | 59                       | 920      | 2560 | 3559  | 3221   | 338                         | 1008   | 2532   | 3540 | 220   |        |
| 94,020                                  | 1390            | 1230  | 2620  | 2620   | 0      | 5730                            | 2880   | 8610  | 2       | 11.02                          | 3                                                      | 1480             | 0      | 1480  | 59                       | 960      | 2630 | 3649  | 3311   | 338                         | 994    | 2536   | 3530 | 172   |        |
| 93,580                                  | 1370            | 1230  | 2600  | 2600   | 0      | 5558                            | 2852   | 8410  | 3       | 11.00                          | 3                                                      | 1460             | 0      | 1460  | 59                       | 960      | 2590 | 3599  | 3264   | 335                         | 1025   | 2515   | 3540 | 172   |        |
| 92,860                                  | 1350            | 1230  | 2580  | 2580   | 0      | 5466                            | 2854   | 8320  | 4       | 10.99                          | 3                                                      | 1450             | 0      | 1450  | 59                       | 940      | 2580 | 3549  | 3214   | 335                         | 983    | 2517   | 3500 | 180   |        |
| 94,020                                  | 1310            | 1220  | 2530  | 2530   | 0      | 5324                            | 2856   | 8180  | 5       | 10.82                          | 3                                                      | 1480             | 0      | 1480  | 59                       | 950      | 2560 | 3569  | 3233   | 336                         | 962    | 2518   | 3480 | 189   |        |
| 94,490                                  | 1290            | 1130  | 2420  | 2420   | 0      | 5603                            | 2857   | 8460  | 6       | 11.00                          | 3                                                      | 1480             | 0      | 1480  | 59                       | 950      | 2560 | 3569  | 3223   | 336                         | 950    | 2520   | 3470 | 181   |        |
| 95,670                                  | 1230            | 1100  | 2330  | 2330   | 0      | 5483                            | 2867   | 8350  | 7       | 10.98                          | 3                                                      | 1500             | 0      | 1500  | 59                       | 970      | 2580 | 3609  | 3273   | 336                         | 919    | 2521   | 3440 | 181   |        |
| 95,670                                  | 1240            | 1070  | 2310  | 2310   | 0      | 5345                            | 2895   | 8240  | 8       | 10.92                          | 3                                                      | 1490             | 0      | 1490  | 59                       | 970      | 2580 | 3609  | 3272   | 337                         | 930    | 2530   | 3360 | 181   |        |
| 95,430                                  | 1190            | 1060  | 2250  | 2250   | 0      | 5363                            | 2897   | 8260  | 9       | 11.02                          | 3                                                      | 1480             | 0      | 1480  | 59                       | 960      | 2530 | 3549  | 3208   | 341                         | 786    | 2554   | 3340 | 181   |        |
| 96,270                                  | 1120            | 1030  | 2150  | 2150   | 0      | 5078                            | 2902   | 7980  | 10      | 11.00                          | 3                                                      | 1490             | 0      | 1490  | 59                       | 980      | 2490 | 3529  | 3188   | 341                         | 734    | 2556   | 3290 | 181   |        |
| 96,030                                  | 1040            | 977   | 2017  | 2017   | 0      | 4779                            | 2901   | 7680  | 11      | 10.90                          | 3                                                      | 1480             | 0      | 1480  | 59                       | 980      | 2440 | 3479  | 3138   | 341                         | 609    | 2561   | 3170 | 181   |        |
| 95,180                                  | 997             | 919   | 1916  |        |        |                                 |        |       |         |                                |                                                        |                  |        |       |                          |          |      |       |        |                             |        |        |      |       |        |



# STATIONS 1954

PLATE NO. 13

| SNAKE RIVER<br>YEAR MINIDOKA |        |       | DATE    | MILNER<br>LAKE<br>GAGE<br>FEET | MINOR<br>STORED<br>DIVERSIONS<br>MINIDOKA<br>TO MILNER | GOODING PROJECT |        |       | NORTH SIDE CANAL COMPANY |         |      |         |        | TWIN FALLS<br>CANAL COMPANY |        |        | MILNER LOW LIFT |        |        | SNAKE RIVER<br>AT MILNER |        |        |       |
|------------------------------|--------|-------|---------|--------------------------------|--------------------------------------------------------|-----------------|--------|-------|--------------------------|---------|------|---------|--------|-----------------------------|--------|--------|-----------------|--------|--------|--------------------------|--------|--------|-------|
| STORED                       | NORMAL | TOTAL |         |                                |                                                        | STORED          | NORMAL | TOTAL | P.A.                     | GOODING | MAIN | TOTAL   | STORED | NORMAL                      | STORED | NORMAL | TOTAL           | STORED | NORMAL | TOTAL                    | STORED | NORMAL | TOTAL |
| 2877                         | 8810   |       | AUG. 26 | 10.88                          |                                                        |                 |        |       |                          |         |      |         |        |                             |        |        |                 |        |        |                          |        |        |       |
| 2893                         | 8670   |       | 27      | 10.96                          | 3                                                      | 1490            | 0      | 1490  | 73                       | 950     | 2580 | 3603    | 3265   | 338                         | 1041   | 2539   | 3580            | 222    | 0      | 222                      | 328    | 0      | 328   |
| 2888                         | 8490   |       | 28      | 10.90                          | 3                                                      | 1490            | 0      | 1490  | 73                       | 960     | 2570 | 3603    | 3263   | 340                         | 1007   | 2553   | 3560            | 222    | 0      | 222                      | 330    | 0      | 330   |
| 2878                         | 8460   |       | 29      | 10.88                          | 3                                                      | 1460            | 0      | 1460  | 60                       | 940     | 2560 | 3560    | 3220   | 340                         | 992    | 2548   | 3540            | 222    | 0      | 222                      | 325    | 0      | 325   |
| 2868                         | 8550   |       | 30      | 10.80                          | 3                                                      | 1450            | 0      | 1450  | 60                       | 930     | 2550 | 3540    | 3201   | 339                         | 1001   | 2539   | 3540            | 222    | 0      | 222                      | 325    | 0      | 325   |
| 2870                         | 8670   |       | 31      | 10.83                          | 3                                                      | 1450            | 0      | 1450  | 60                       | 930     | 2560 | 3550    | 3213   | 337                         | 1009   | 2531   | 3540            | 222    | 0      | 222                      | 325    | 0      | 325   |
| 2874                         | 8840   |       | SEPT. 1 | 11.01                          | 3                                                      | 1440            | 0      | 1440  | 59                       | 920     | 2580 | 3559    | 3221   | 338                         | 1008   | 2532   | 3540            | 220    | 0      | 220                      | 212    | 0      | 212   |
| 2880                         | 8580   |       | 2       | 11.02                          | 3                                                      | 1460            | 0      | 1460  | 59                       | 960     | 2630 | 3649    | 3311   | 338                         | 994    | 2536   | 3530            | 172    | 0      | 172                      | 148    | 0      | 148   |
| 2852                         | 8410   |       | 3       | 11.00                          | 3                                                      | 1460            | 0      | 1460  | 59                       | 960     | 2580 | 3599    | 3264   | 335                         | 1025   | 2515   | 3540            | 172    | 0      | 172                      | 154    | 0      | 154   |
| 2854                         | 8320   |       | 4       | 10.99                          | 3                                                      | 1450            | 0      | 1450  | 59                       | 940     | 2560 | 3549    | 3214   | 335                         | 983    | 2517   | 3500            | 180    | 0      | 180                      | 147    | 0      | 147   |
| 2856                         | 8180   |       | 5       | 10.82                          | 3                                                      | 1480            | 0      | 1480  | 59                       | 950     | 2560 | 3569    | 3233   | 336                         | 962    | 2518   | 3480            | 189    | 0      | 189                      | 155    | 0      | 155   |
| 2857                         | 8460   |       | 6       | 11.00                          | 3                                                      | 1500            | 0      | 1500  | 59                       | 970     | 2580 | 3609    | 3273   | 336                         | 950    | 2520   | 3470            | 181    | 0      | 181                      | 150    | 0      | 150   |
| 2867                         | 8350   |       | 7       | 10.98                          | 3                                                      | 1490            | 0      | 1490  | 59                       | 970     | 2580 | 3609    | 3272   | 337                         | 919    | 2521   | 3440            | 181    | 0      | 181                      | 152    | 0      | 152   |
| 2895                         | 8240   |       | 8       | 10.92                          | 3                                                      | 1480            | 0      | 1480  | 59                       | 960     | 2530 | 3549    | 3208   | 341                         | 830    | 2530   | 3360            | 181    | 0      | 181                      | 152    | 0      | 152   |
| 2897                         | 8280   |       | 9       | 11.02                          | 3                                                      | 1490            | 0      | 1490  | 59                       | 980     | 2490 | 3529    | 3188   | 341                         | 786    | 2554   | 3340            | 181    | 0      | 181                      | 150    | 0      | 150   |
| 2902                         | 7980   |       | 10      | 11.00                          | 3                                                      | 1480            | 0      | 1480  | 59                       | 980     | 2440 | 3479    | 3138   | 341                         | 734    | 2556   | 3290            | 181    | 0      | 181                      | 157    | 0      | 157   |
| 2901                         | 7680   |       | 11      | 10.90                          | 3                                                      | 1450            | 0      | 1450  | 59                       | 940     | 2350 | 3349    | 3008   | 341                         | 609    | 2561   | 3170            | 181    | 0      | 181                      | 155    | 0      | 155   |
| 2906                         | 7450   |       | 12      | 10.81                          | 3                                                      | 1430            | 0      | 1430  | 59                       | 910     | 2330 | 3299    | 2957   | 342                         | 500    | 2560   | 3060            | 181    | 0      | 181                      | 150    | 0      | 150   |
| 2924                         | 7430   |       | 13      | 10.85                          | 3                                                      | 1430            | 0      | 1430  | 59                       | 910     | 2310 | 3279    | 2935   | 344                         | 466    | 2564   | 3030            | 186    | 0      | 186                      | 150    | 0      | 150   |
| 2922                         | 7290   |       | 14      | 10.88                          | 3                                                      | 1420            | 0      | 1420  | 59                       | 920     | 2230 | 3209    | 2865   | 344                         | 410    | 2580   | 2990            | 156    | 0      | 156                      | 150    | 0      | 150   |
| 2938                         | 7130   |       | 15      | 10.68                          | 3                                                      | 1410            | 0      | 1410  | 59                       | 890     | 2160 | 3109    | 2763   | 346                         | 362    | 2578   | 2940            | 156    | 0      | 156                      | 150    | 0      | 150   |
| 2930                         | 7320   |       | 16      | 10.85                          | 3                                                      | 1420            | 0      | 1420  | 59                       | 930     | 2100 | 3089    | 2744   | 345                         | 338    | 2592   | 2930            | 156    | 0      | 156                      | 148    | 0      | 148   |
| 3130                         | 7130   |       | 17      | 10.92                          | 3                                                      | 1390            | 0      | 1390  | 59                       | 920     | 1970 | 2949    | 2549   | 400                         | 375    | 2585   | 2960            | 156    | 0      | 156                      | 148    | 0      | 148   |
| 2960                         | 6910   |       | 18      | 11.00                          | 3                                                      | 1370            | 0      | 1370  | 59                       | 940     | 1920 | 2919    | 2519   | 400                         | 0      | 2560   | 2560            | 153    | 0      | 153                      | 150    | 0      | 150   |
| 2990                         | 6350   |       | 19      | 10.91                          | 3                                                      | 1330            | 0      | 1330  | 59                       | 920     | 1900 | 2879    | 2479   | 400                         | 0      | 2560   | 2560            | 130    | 0      | 130                      | 152    | 0      | 152   |
| 2960                         | 6210   |       | 20      | 10.78                          | 3                                                      | 1320            | 0      | 1320  | 59                       | 880     | 1760 | 2699    | 2299   | 400                         | 0      | 2590   | 2590            | 130    | 0      | 130                      | 148    | 0      | 148   |
| 2859                         | 6130   |       | 21      | 10.80                          | 3                                                      | 1330            | 0      | 1330  | 59                       | 900     | 1640 | 2599    | 1960   | 639                         | 0      | 2560   | 2560            | 130    | 0      | 130                      | 144    | 0      | 144   |
| 3167                         | 5870   |       | 22      | 10.75                          | 2                                                      | 1300            | 0      | 1300  | 56                       | 880     | 1530 | 2466    | 1409   | 1057                        | 0      | 2220   | 2220            | 130    | 0      | 130                      | 152    | 0      | 152   |
| 3184                         | 5690   |       | 23      | 10.59                          |                                                        | 1260            | 0      | 1260  | 58                       | 860     | 1510 | 2428    | 1344   | 1084                        | 0      | 2110   | 2110            | 130    | 0      | 130                      | 148    | 0      | 148   |
| 2848                         | 5740   |       | 24      | 10.69                          |                                                        | 1280            | 0      | 1280  | 58                       | 880     | 1510 | 2448    | 1610   | 838                         | 0      | 2100   | 2100            | 130    | 0      | 130                      | 148    | 0      | 148   |
| 2790                         | 5610   |       | 25      | 10.70                          |                                                        | 1270            | 0      | 1270  | 0                        | 880     | 1430 | 2310    | 1570   | 740                         | 0      | 2010   | 2010            | 130    | 0      | 130                      | 150    | 0      | 150   |
| 2933                         | 5480   |       | 26      | 10.54                          |                                                        | 1260            | 0      | 1260  |                          | 870     | 1400 | 2270    | 1347   | 923                         | 0      | 2080   | 2080            | 130    | 0      | 130                      | 148    | 0      | 148   |
| 3051                         | 5360   |       | 27      | 10.42                          |                                                        | 1250            | 0      | 1250  |                          | 860     | 1360 | 2220    | 1089   | 1131                        | 0      | 2010   | 2010            | 130    | 0      | 130                      | 154    | 0      | 154   |
| 3218                         | 5290   |       | 28      | 10.08                          |                                                        | 1230            | 0      | 1230  |                          | 810     | 1310 | 2120    | 802    | 1318                        | 0      | 1920   | 1920            | 130    | 0      | 130                      | 154    | 0      | 154   |
| 3161                         | 5660   |       | 29      | 10.22                          |                                                        | 1250            | 0      | 1250  |                          | 810     | 1350 | 2160    | 949    | 1211                        | 0      | 1900   | 1900            | 130    | 0      | 130                      | 154    | 0      | 154   |
| 2935                         | 5190   |       | 30      | 10.31                          |                                                        | 420             | 0      | 420   |                          | 290     | 1540 | 1830    | 665    | 1165                        | 0      | 1850   | 1850            | 82     | 0      | 82                       | 155    | 0      | 155   |
| 2744                         | 3730   |       |         |                                |                                                        |                 |        |       |                          |         |      |         |        |                             |        |        |                 |        |        |                          |        |        |       |
|                              |        |       |         |                                | 227                                                    | 124,190         |        |       |                          |         |      | 237,593 | 59,738 | 17,638                      |        |        |                 |        | 22,131 |                          |        |        |       |



[illegible]



DAILY STORAGE DIVERSIONS — MAIN RIVER

24 HOUR SECOND-FEET EXCEPT AS NOTED

AUGUST

| 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  | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9  | 10 | 11 | 12 | 13 | SE |    |  |  |  |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|-----|----|-----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|--|--|--|
| 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   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9  | 10 | 11 | 12 | 13 |    |    |  |  |  |
| 18  | 29  | 26  | 27  | 27  | 26  | 26  | 25  | 16  | 18  | 25  | 22  | 21 | 21 | 21 | 21 | 21 | 21  | 29 | 29  | 29 | 24 | 24 | 25 | 14 | 24  | 24  | 21  | 23  | 13  | 24  | 13  | 6   | 12  | 14  | 24  | 24  | 24  | 26 | 26 | 23 | 24 | 24 |    |    |  |  |  |
| 55  | 236 | 230 | 305 | 300 | 255 | 247 | 177 | 132 | 121 | 119 | 64  | 30 | 12 | 9  | 0  | 45 | 75  | 81 | 29  | 24 | 24 | 25 | 14 | 24 | 24  | 21  | 23  | 13  | 24  | 13  | 6   | 12  | 14  | 24  | 24  | 24  | 26  | 26 | 23 | 24 | 24 |    |    |    |  |  |  |
| 11  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  |    |    |    |  |  |  |
| 185 | 121 | 118 | 118 | 117 | 118 | 89  | 87  | 102 | 100 | 99  | 101 | 98 | 93 | 83 | 82 | 82 | 82  | 82 | 81  | 80 | 78 | 78 | 78 | 79 | 79  | 79  | 80  | 82  | 83  | 83  | 82  | 82  | 80  | 80  | 80  | 80  | 80  | 80 | 80 | 80 | 80 | 80 | 80 |    |  |  |  |
| 8   | 4   | 4   | 4   | 4   | 4   | 0   | 0   | 0   | 4   | 4   | 4   | 4  | 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  |    |    |  |  |  |
| 4   | 4   | 4   | 4   | 4   | 4   | 0   | 0   | 0   | 4   | 4   | 4   | 4  | 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  |    |    |  |  |  |
| 0   | 5   | 6   | 6   | 0   | 0   | 0   | 0   | 4   | 4   | 4   | 4   | 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  | 0  |    |    |  |  |  |
| 7   | 5   | 3   | 16  | 0   |     |     |     |     |     |     |     |    |    |    |    |    |     |    |     |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |  |  |  |
| 54  | 102 | 100 | 97  | 96  | 63  | 56  | 73  | 69  | 62  | 39  | 43  | 61 | 61 | 36 | 52 | 50 | 56  | 52 | 51  | 47 | 24 | 31 | 29 | 28 | 27  | 19  | 34  | 67  | 67  | 64  | 65  | 61  | 61  | 62  | 61  | 60  | 59  | 57 | 56 | 57 | 56 | 57 | 56 | 57 |  |  |  |
| 15  | 193 | 189 | 189 | 118 | 101 | 83  | 30  | 114 | 114 | 71  | 62  | 53 | 66 | 66 | 32 | 23 | 109 | 83 | 101 | 62 | 53 | 53 | 48 | 96 | 105 | 202 | 162 | 169 | 171 | 153 | 153 | 233 | 215 | 171 | 171 | 162 | 158 | 92 | 88 | 79 | 79 | 88 |    |    |  |  |  |
| 1   | 1   | 1   | 1   | 1   | 1   | 1   | 0   | 0   | 1   | 0   | 1   | 1  | 0  | 1  | 0  |    |     |    |     |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |  |  |  |
| 49  | 71  | 95  | 94  | 23  | 39  | 0   | 42  | 35  | 68  | 65  | 74  | 33 | 0  | 17 | 50 | 43 | 51  | 56 | 0   | 0  | 0  | 0  | 22 | 19 | 29  | 28  | 28  | 39  | 73  | 72  | 90  | 40  | 26  | 30  | 27  | 23  | 14  | 36 | 52 | 43 | 4  | 5  |    |    |  |  |  |



# VER 1954

## SEPTEMBER

| JACKSON LAKE |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     |     | TOTAL        |            | JACKSON LAKE EQUIVALENT | AMERICAN FALLS RIGHT |                   | JACKSON LAKE RIGHT | RENTALS      | OTHER RIGHTS | TOTAL RIGHTS |            |
|--------------|------|------|------|------|------|------|------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|--------------|------------|-------------------------|----------------------|-------------------|--------------------|--------------|--------------|--------------|------------|
| 23           | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21  | 22   | 23   | 24  | 25  | 26  | 27  | 28  | 29  | 30  | NO. | SECOND- FEET | ACRE- FEET | ACRE- FEET              | OWNED ACRE- FEET     | LEASED ACRE- FEET | ACRE- FEET         | ACRE- FEET   | ACRE- FEET   | ACRE- FEET   | ACRE- FEET |
| 4            | 22   | 22   | 20   | 20   | 19   | 19   | 17   | 17  | 13   | 12   | 12  | 9   | 6   | 3   | 2   | 0   |     | 1   | 120          | 239        | 258                     |                      |                   |                    |              | (1) 258      |              | 258        |
| 4            | 72   | 68   | 58   | 69   | 59   | 57   | 26   | 16  | 5    | 2    | 0   |     |     |     |     |     |     | 2   | 1,518        | 3,010      | 3,246                   | 190                  | 79                | 2,072              | (2) 920      |              | 3,261        |            |
| 7            | 87   | 84   | 81   | 81   | 60   | 60   | 78   | 78  | 92   | 90   | 92  | 97  | 92  | 0   |     |     |     | 3   | 11,994       | 23,790     | 25,650                  | 3,531                | 997               | 16,183             | (3) 500      | (4) 6,950    | 28,141       |            |
| 4            | 4    | 0    |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 4   | 998          | 1,976      | 2,131                   |                      |                   | 2,000              | (1) 185      |              | 2,185        |            |
| 2            | 2    | 2    | 2    | 0    |      |      |      | 0   | 6    | 1    | 0   |     |     |     |     |     |     | 5   | 6,537        | 12,966     | 13,981                  | 2,524                | 1,200             | 17,681             | (1) 82       | (4) -6,950   | 14,507       |            |
| 0            | 0    | 2    | 2    | 2    | 0    |      |      |     |      |      |     |     |     |     |     |     |     | 6   | 130          | 258        | 278                     |                      |                   |                    | (2) 300      |              | 300          |            |
| 0            | 0    | 1    | 0    |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 7   | 199          | 394        | 425                     |                      |                   |                    | (3) 425      |              | 425          |            |
| 2            | 138  | 116  | 110  | 112  | 94   | 77   | 0    |     |      |      |     |     |     |     |     |     |     | 8   | 149          | 296        | 319                     |                      |                   |                    | (3) 400      |              | 400          |            |
| 7            | 64   | 72   | 50   | 49   | 51   | 50   | 47   | 42  | 37   | 30   | 33  | 0   | 0   | 14  | 6   | 0   |     | 9   | 93           | 184        | 200                     |                      |                   |                    | (3) 200      |              | 200          |            |
| 8            | 140  | 123  | 118  | 123  | 62   | 62   | 15   | 12  | 7    | 12   | 0   |     |     |     |     |     |     | 10  | 4,370        | 8,668      | 9,348                   | 3,401                |                   | 20,567             | (3) 485      |              | 24,453       |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 11  | 5,058        | 10,032     | 10,819                  | 749                  | 1,813             | 5,430              | (3) 3,414    |              | 11,108       |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 12  | 0            | 0          | 0                       |                      |                   |                    | (1) 111      |              | 111          |            |
| 2            | 12   | 11   | 10   | 10   | 10   | 10   | 11   | 10  | 9    | 10   | 12  | 0   |     |     |     |     |     | 13  | 8,444        | 16,749     | 18,089                  | 2,586                | 2,739             | 17,413             | (3) 70       |              | 22,908       |            |
| 41           | 50   | 49   | 74   | 73   | 42   | 39   | 30   | 19  | 0    |      |     |     |     |     |     |     |     | 14  | 42           | 83         | 90                      |                      |                   |                    | (3) 90       |              | 90           |            |
| 52           | 61   | 64   | 56   | 59   | 58   | 55   | 51   | 58  | 41   | 39   | 37  | 40  | 32  | 28  | 28  | 15  | 12  | 15  | 283          | 561        | 605                     |                      |                   | 1,040              |              |              | 1,040        |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 16  | 2,851        | 5,655      | 6,098                   |                      |                   | 4,000              | (1) 2,100    |              | 6,100        |            |
|              |      | 0    | 1    | 1    | 1    | 0    |      |     |      |      |     |     |     |     |     |     |     | 17  | 3,864        | 7,564      | 8,264                   | 1,094                | 586               | 8,008              |              |              | 9,688        |            |
| 9            | 22   | 15   | 16   | 18   | 18   | 19   | 20   | 0   |      |      |     |     |     |     |     |     |     | 18  | 346          | 696        | 740                     |                      |                   | 3,300              |              |              | 4,314        |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 19  | 90           | 179        | 193                     |                      |                   |                    | (1) 300      |              | 300          |            |
| 5            | 5    | 5    | 6    | 5    | 6    | 6    | 0    |     |      |      |     |     |     |     |     |     |     | 20  | 398          | 789        | 851                     |                      |                   |                    | (1) 900      |              | 900          |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 21  | 431          | 855        | 922                     | 250                  | 67                | 1,147              |              |              | 1,464        |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 22  | 829          | 1,644      | 1,773                   |                      |                   |                    | (1) 1,800    |              | 1,800        |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 23  | 75           | 148        | 160                     |                      |                   |                    | (1) 160      |              | 160          |            |
| 7            | 117  | 116  | 113  | 110  | 109  | 108  | 107  | 107 | 107  | 106  | 105 | 105 | 105 | 105 | 106 | 107 | 105 | 24  | 464          | 920        | 992                     | 1,320                | 6,611             | 6,041              | (3) 450      |              | 14,421       |            |
| 2            | 2    | 2    | 1    | 0    |      |      |      |     |      |      |     |     |     |     |     |     |     | 25  | 7,552        | 14,979     | 16,183                  | 3,807                | 3,134             | 17,423             |              |              | 24,364       |            |
| 1            | 0    |      |      |      |      |      |      | 0   | 1    | 1    | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 26  | 139          | 276        | 298                     |                      |                   | 247                | (3) 150      |              | 486          |            |
| 3            | 23   | 23   | 23   | 21   | 19   | 15   | 0    |     |      |      |     |     |     |     |     |     |     | 27  | 98           | 194        | 209                     |                      |                   | 92                 | (1) 100      |              | 212          |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 28  | 1,342        | 2,661      | 2,869                   |                      |                   | 355                | (3) 2,155    | (9) 885      | 3,394        |            |
| 41           | 399  | 363  | 340  | 221  | 192  | 40   | 0    |     |      |      |     |     |     |     |     |     |     | 29  | 6,970        | 13,825     | 14,905                  | 6,480                | 735               | 29,661             |              |              | 38,876       |            |
| 46           | 34   | 34   | 34   | 34   | 34   | 34   | 0    |     |      |      |     |     |     |     |     |     |     | 30  | 17,254       | 34,223     | 36,903                  | 7,277                | 1,887             | 38,311             | (3) 1,860    |              | 49,338       |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 31  | 2,338        | 4,637      | 5,000                   | 567                  | 336               | 4,098              | (1) 500      |              | 5,501        |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 32  | 23           | 46         | 50                      |                      |                   |                    | (1) 50       |              | 50           |            |
| 2            | 87   | 86   | 84   | 81   | 80   | 80   | 77   | 73  | 71   | 68   | 70  | 0   |     |     |     |     |     | 33  | 2,643        | 5,242      | 5,650                   | 1,710                | 196               | 7,828              |              |              | 9,734        |            |
| 6            | 322  | 270  | 298  | 248  | 236  | 207  | 209  | 205 | 200  | 193  | 194 | 180 | 117 | 114 | 182 | 170 | 120 | 34  | 21,557       | 42,758     | 46,108                  | 7,487                |                   | 49,135             |              |              | 56,592       |            |
| 5            | 5    | 5    | 0    |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 35  | 345          | 685        | 739                     |                      |                   |                    | (1) 739      |              | 739          |            |
| 8            | 1668 | 1534 | 1497 | 1337 | 1170 | 958  | 688  | 637 | 588  | 564  | 556 | 402 | 353 | 265 | 323 | 293 | 238 | 36  | 109,422      | 217,033    | 234,028                 | 43,838               | 20,402            | 251,982            | 18,428       | 885          | 335,538      |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 37  | 1,978        | 3,923      | 4,230                   |                      |                   |                    | (1) 4,230    |              | 4,230        |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 38  | 574          | 1,139      | 1,228                   | 3,610                | 1,469             | 16,523             |              |              | 21,538       |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 39  | 740          | 1,468      | 1,583                   |                      |                   |                    | (3) 2,000    |              | 2,000        |            |
| 2            | 344  | 344  | 390  | 392  | 348  | 358  | 368  | 288 | 325  | 311  | 325 | 316 | 293 | 0   |     |     |     | 40  | 15,524       | 30,792     | 33,202                  | 6,057                | 3,354             | 35,723             |              | (13) -53     | 180,794      |            |
| 2            | 846  | 798  | 740  | 713  | 680  | 609  | 596  | 615 | 644  | 664  | 625 | 580 | 499 | 0   |     |     |     | 41  | 57,141       | 113,338    | 122,200                 | 15,648               | 20,908            | 114,296            |              |              | 5,831        |            |
| 0            | 93   | 70   | 64   | 50   | 53   | 60   | 60   | 67  | 58   | 45   | 0   |     |     |     |     |     |     | 42  | 1,689        | 3,350      | 3,612                   | 961                  | 178               | 4,386              |              |              | 2,072        |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 43  | 216          | 428        | 461                     | 371                  |                   | 1,701              |              |              |              |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 44  | 77,862       | 154,438    | 166,516                 | 26,644               | 25,899            | 172,639            | 6,230        | -53          | 231,367      |            |
| 4            | 1283 | 1209 | 1194 | 1155 | 1081 | 1027 | 1024 | 970 | 1027 | 1020 | 950 | 896 | 792 | 0   |     |     |     | 45  | 70           | 138        |                         |                      |                   |                    | (1) 83       | (12) 55      | 138          |            |
|              |      |      |      |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 46  | 241          | 478        |                         |                      |                   |                    | (13) 479     | (4) 148,000  | 569,539      |            |
| 1            | 1    | 1    | 1    |      |      |      |      |     |      |      |     |     |     |     |     |     |     | 47  | 161,808      | 320,942    |                         | 393,972              | 26,567            |                    |              |              | 450          |            |
| 8            | 2    | 3    | 3    | 3    | 3    | 3    | 3    | 3   | 3    | 3    | 3   | 3   | 3   | 3   | 1   |     |     | 48  | 227          | 450        |                         |                      |                   |                    | (3) 300      |              | 235,509      |            |
| 9            | 1666 | 1600 | 813  | 62   | 358  | 375  |      |     |      |      |     |     |     |     |     |     |     | 49  | 17,658       | 34,984     |                         | 45,687               | 3,332             | 87,183             | (15) -12,983 |              | 813,008      |            |
| 8            | 5    | 5    | 5    | 3    | 3    | 3    | 3    | 3   | 3    | 2    |     |     |     |     |     |     |     | 50  | 59,738       | 118,489    |                         | 151,185              |                   | 3,12,007           |              |              | 400,000      |            |
| 0            | 156  | 156  | 156  | 153  | 130  | 130  | 130  | 130 | 130  | 130  | 130 | 130 | 130 | 130 | 82  |     |     | 51  | 237,593      | 471,259    |                         | 455,238              |                   |                    |              |              | 45,000       |            |
| 8            | 2865 | 2763 | 2744 |      |      |      |      |     |      |      |     |     |     |     |     |     |     |     |              |            |                         |                      |                   |                    |              |              |              |            |



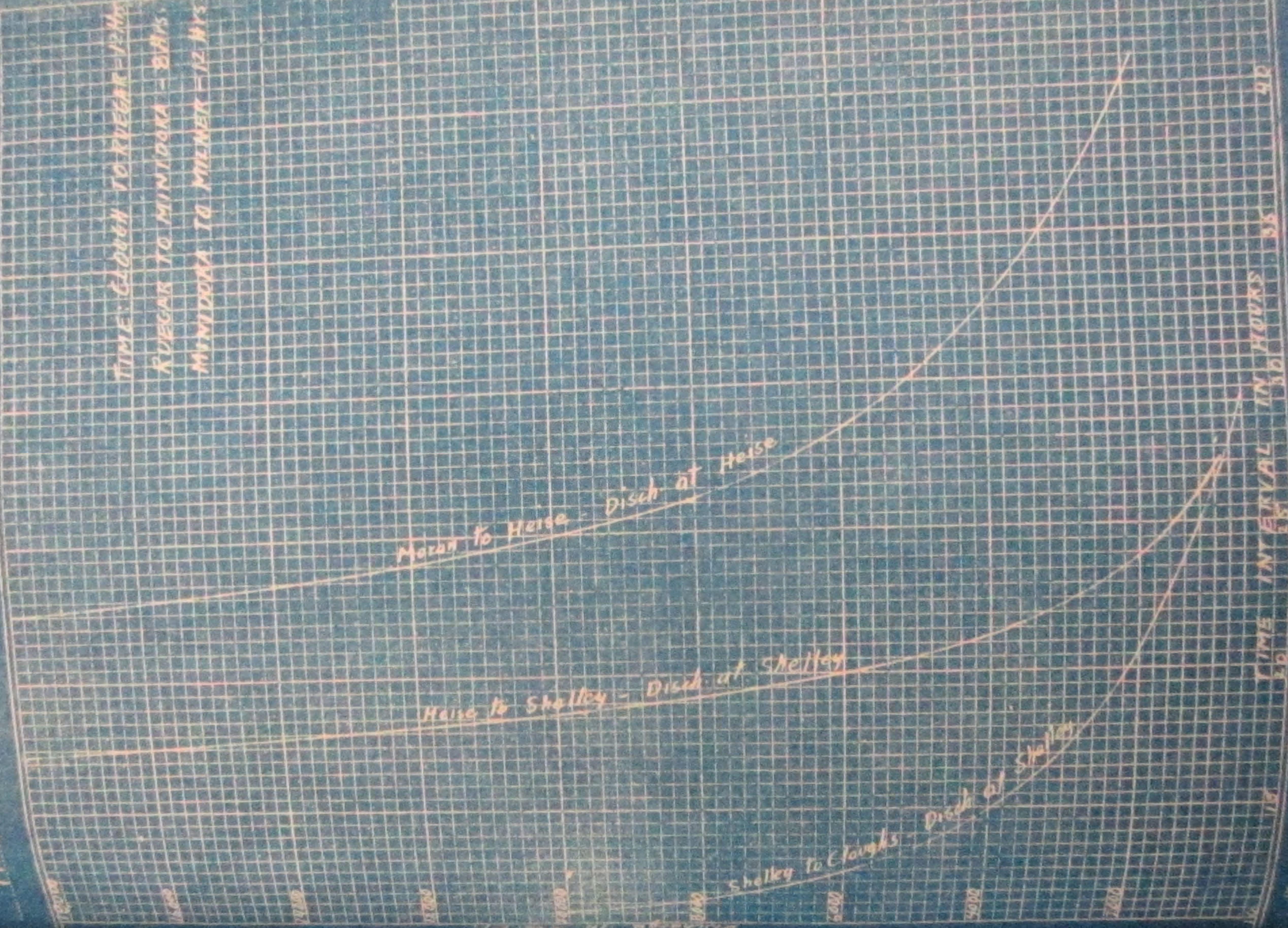
| 25           | 26  | 27  | 28  | 29  | 30  | NO.     | TOTAL<br>SECOND-<br>FEET | JACKSON<br>LAKE<br>EQUIVALENT<br>ACRE-FOOT | AMERICAN FALLS RIGHT<br>OWNED<br>ACRE-FOOT | LEASED<br>ACRE-FOOT | JACKSON<br>LAKE<br>RIGHT<br>ACRE-FOOT | RENTALS<br>ACRE-FOOT | OTHER<br>RIGHTS<br>ACRE-FOOT | TOTAL<br>RIGHTS<br>ACRE-FOOT |
|--------------|-----|-----|-----|-----|-----|---------|--------------------------|--------------------------------------------|--------------------------------------------|---------------------|---------------------------------------|----------------------|------------------------------|------------------------------|
|              |     |     |     |     |     | 1       | 120                      | 238                                        |                                            |                     |                                       | (1) 258              |                              | 258                          |
|              |     |     |     |     |     | 2       | 1,518                    | 3,044                                      | 190                                        | 79                  | 2,072                                 | (2) 520              |                              | 3,261                        |
|              |     |     |     |     |     | 3       | 11,394                   | 22,788                                     | 3,531                                      | 997                 | 16,163                                | (3) 500              | (4) 6,950                    | 28,141                       |
|              |     |     |     |     |     | 4       | 398                      | 796                                        |                                            |                     | 2,000                                 | (1) 185              |                              | 2,185                        |
| 97           | 92  | 8   |     |     |     | 5       | 6,357                    | 12,714                                     | 2,824                                      | 1,200               | 17,451                                | (1) 82               | (5) -6,950                   | 14,507                       |
|              |     |     |     |     |     | 6       | 130                      | 260                                        |                                            |                     |                                       | (3) 300              |                              | 300                          |
|              |     |     |     |     |     | 7       | 130                      | 260                                        |                                            |                     |                                       | (3) 425              |                              | 425                          |
|              |     |     |     |     |     | 8       | 130                      | 260                                        |                                            |                     |                                       | (3) 400              |                              | 400                          |
|              |     |     |     |     |     | 9       | 149                      | 298                                        |                                            |                     |                                       | (3) 200              |                              | 200                          |
|              |     |     |     |     |     | 10      | 93                       | 186                                        |                                            |                     |                                       | (3) 485              |                              | 485                          |
| 0            | 0   | 14  | 8   | 0   |     | 11      | 4,370                    | 8,740                                      | 3,401                                      | 1,813               | 20,567                                | (3) 5,414            |                              | 24,453                       |
|              |     |     |     |     |     | 12      | 5,058                    | 10,116                                     | 749                                        |                     | 6,430                                 | (3) 111              |                              | 11,108                       |
|              |     |     |     |     |     | 13      | 0                        | 0                                          |                                            |                     |                                       | (3) 70               |                              | 70                           |
|              |     |     |     |     |     | 14      | 8,444                    | 16,888                                     | 2,888                                      | 2,738               | 17,413                                | (3) 90               |                              | 22,908                       |
|              |     |     |     |     |     | 15      | 42                       | 84                                         |                                            |                     |                                       | (3) 90               |                              | 90                           |
|              |     |     |     |     |     | 16      | 283                      | 566                                        |                                            |                     | 1,040                                 |                      |                              | 1,040                        |
|              |     |     |     |     |     | 17      | 2,851                    | 5,702                                      | 6,088                                      |                     | 4,000                                 | (1) 2,100            |                              | 6,100                        |
| 40           | 32  | 28  | 28  | 18  | 12  | 18      | 3,864                    | 7,728                                      | 1,094                                      | 588                 | 9,008                                 |                      |                              | 9,596                        |
|              |     |     |     |     |     | 19      | 346                      | 692                                        | 721                                        | 293                 | 3,300                                 |                      |                              | 4,314                        |
|              |     |     |     |     |     | 20      | 90                       | 180                                        |                                            |                     |                                       | (1) 300              |                              | 300                          |
|              |     |     |     |     |     | 21      | 398                      | 796                                        |                                            |                     |                                       | (1) 900              |                              | 900                          |
|              |     |     |     |     |     | 22      | 431                      | 862                                        | 230                                        | 67                  | 1,147                                 |                      |                              | 1,484                        |
|              |     |     |     |     |     | 23      | 829                      | 1,658                                      |                                            |                     |                                       | (1) 1,800            |                              | 1,800                        |
|              |     |     |     |     |     | 24      | 75                       | 150                                        |                                            |                     |                                       | (1) 180              |                              | 180                          |
| 0            | 108 | 108 | 108 | 107 | 108 | 25      | 464                      | 928                                        | 1,320                                      | 6,811               | 6,041                                 | (3) 450              |                              | 14,422                       |
|              |     |     |     |     |     | 26      | 7,552                    | 15,104                                     | 3,507                                      | 3,134               | 17,423                                |                      |                              | 24,564                       |
|              |     |     |     |     |     | 27      | 139                      | 278                                        | 54                                         | 29                  | 247                                   | (3) 150              |                              | 480                          |
|              |     |     |     |     |     | 28      | 98                       | 196                                        | 20                                         |                     | 92                                    | (1) 100              |                              | 212                          |
|              |     |     |     |     |     | 29      | 1,342                    | 2,684                                      | 2,888                                      |                     | 385                                   | (3) 2,185            | (5) 885                      | 3,385                        |
|              |     |     |     |     |     | 30      | 8,970                    | 17,940                                     | 6,480                                      | 735                 | 29,881                                |                      |                              | 36,876                       |
|              |     |     |     |     |     | 31      | 17,284                   | 34,568                                     | 7,277                                      | 1,897               | 38,311                                | (3) 1,860            |                              | 49,336                       |
|              |     |     |     |     |     | 32      | 2,338                    | 4,676                                      | 947                                        | 334                 | 4,099                                 | (1) 500              |                              | 5,501                        |
|              |     |     |     |     |     | 33      | 23                       | 46                                         |                                            |                     |                                       | (3) 50               |                              | 50                           |
|              |     |     |     |     |     | 34      | 2,843                    | 5,686                                      | 1,710                                      | 198                 | 7,828                                 |                      |                              | 9,734                        |
| 117          | 114 | 182 | 170 | 120 |     | 35      | 21,557                   | 43,114                                     | 7,457                                      |                     | 49,138                                | (1) 735              |                              | 56,592                       |
|              |     |     |     |     |     | 36      | 345                      | 690                                        |                                            |                     |                                       |                      |                              | 735                          |
| 385          | 385 | 385 | 393 | 238 | 36  | 109,422 | 217,839                  | 234,028                                    | 43,838                                     | 20,402              | 251,982                               | 16,428               | 885                          | 335,533                      |
|              |     |     |     |     |     | 37      | 1,578                    | 3,156                                      |                                            |                     |                                       | (1) 4,230            |                              | 4,230                        |
|              |     |     |     |     |     | 38      | 574                      | 1,148                                      | 3,610                                      | 1,485               | 16,523                                |                      |                              | 21,592                       |
|              |     |     |     |     |     | 39      | 740                      | 1,480                                      |                                            |                     |                                       | (3) 2,000            |                              | 2,000                        |
| 295          | 0   |     |     |     |     | 40      | 16,324                   | 32,648                                     | 6,067                                      | 3,364               | 38,723                                |                      |                              | 48,134                       |
| 489          | 0   |     |     |     |     | 41      | 87,141                   | 174,282                                    | 15,045                                     | 20,908              | 114,296                               |                      | (13) -55                     | 180,794                      |
|              |     |     |     |     |     | 42      | 1,889                    | 3,778                                      | 981                                        | 178                 | 4,394                                 |                      |                              | 5,335                        |
|              |     |     |     |     |     | 43      | 216                      | 432                                        | 371                                        |                     | 1,701                                 |                      |                              | 2,072                        |
| 792          | 0   |     |     |     |     | 44      | 77,802                   | 155,604                                    | 26,644                                     | 26,899              | 172,639                               | 6,230                | -55                          | 231,387                      |
|              |     |     |     |     |     | 45      | 79                       | 158                                        |                                            |                     |                                       | (1) 83               | (13) 55                      | 138                          |
|              |     |     |     |     |     | 46      | 241                      | 482                                        |                                            |                     |                                       | (1) 479              |                              | 479                          |
| 0            | 1   |     |     |     |     | 47      | 161,808                  | 323,616                                    | 393,972                                    | 26,567              |                                       | (3) 450              | (3) 49,000                   | 569,539                      |
|              |     |     |     |     |     | 48      | 227                      | 454                                        |                                            |                     |                                       | (1) 300              |                              | 450                          |
| 130          | 130 | 130 | 130 | 82  |     | 49      | 17,838                   | 35,676                                     | 45,887                                     | 3,302               | 97,183                                | (13) -12,983         |                              | 49,319                       |
|              |     |     |     |     |     | 50      | 237,993                  | 475,986                                    | 181,188                                    |                     | 312,007                               |                      |                              | 235,505                      |
| 597          | 592 | 602 | 595 | 585 |     | 51      | 124,190                  | 248,380                                    | 455,236                                    | 46,765              |                                       |                      |                              | 813,008                      |
| 597          | 592 | 602 | 595 | 585 |     | 52      | 21,277                   | 42,554                                     | 400,000                                    |                     |                                       |                      |                              | 400,000                      |
| 188          | 184 | 184 | 184 | 180 |     | 53      | 0                        | 0                                          | 48,000                                     |                     |                                       | (13) -13,895         |                              | 48,000                       |
|              |     |     |     |     |     | 54      |                          |                                            |                                            | 13,895              |                                       |                      |                              | 0                            |
| GRAND TOTALS |     |     |     |     |     |         | 810,898                  | 1,607,971                                  | 1,961,542                                  | 135,556             | 833,811                               | -230                 | 149,885                      | 2,860,564                    |

# NOTES

- (1) RENTED FROM TWIN FALLS CANAL CO.
- (2) 200 A.F. FROM U.S.; 720 FROM T.F. CANAL CO.
- (3) RENTED FROM U.S.
- (4) TRANSFER FROM ENTERPRISE TO PROGRESSIVE IRR. DIST.
- (5) 275 A.F. FROM U.S.; 150 FROM T.F. CANAL CO.
- (6) 3,000 A.F. FROM U.S.; 414 FROM T.F. CANAL CO.
- (7) 100 A.F. FROM U.S.; 11 FROM T.F. CANAL CO.
- (8) 2,105 A.F. FROM U.S.; 50 FROM T.F. CANAL CO.
- (9) FROM MARKET LAKE SPRINGS
- (10) 20 A.F. FROM U.S.; 30 FROM T.F. CANAL CO.
- (11) 608 A.F. FROM U.S.; 150 FROM T.F. CANAL CO.
- (12) DIVERTED BY WILLIAMS AT AMERICAN FALLS
- (13) 328 A.F. FROM U.S.; 150 FROM T.F. CANAL CO.
- (14) LAKE WALCOTT CONTENTS ON JULY 8 PLUS 48,960 A.F.
- (15) GAIN HEELEY TO MILNER
- (16) RENTED TO VARIOUS CANALS
- (17) SEE PLATE 21 FOR SHAKE RIVER STORAGE USED ON HENRY'S FORK



TIME INTERVAL BETWEEN GAGING STATIONS ON SNAKE RIVER  
 Plate No. 15





MAY 1954

FALL RIVER CANALS

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 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|

| YELLOWSTONE | MARYSVILLE | TOTAL ABOVE SQUIRREL | FARMERS OWN | ARMY | ENTERPRISE | BELL | FALL RIVER | MC BEE | CHESTER | SILKEY | CURR | TOTAL SQUIRREL TO CHESTER |
|-------------|------------|----------------------|-------------|------|------------|------|------------|--------|---------|--------|------|---------------------------|
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 130                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 129                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 128                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 127                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 126                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 125                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 124                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 123                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 122                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 121                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 120                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 119                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 118                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 117                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 116                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 115                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 114                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 113                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 112                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 111                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 110                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 109                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 108                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 107                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 106                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 105                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 104                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 103                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 102                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 101                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 100                       |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 99                        |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 98                        |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 97                        |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 96                        |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 95                        |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       | 0      | 34   | 94                        |
| 1804        | 0          | 0                    | 0           | 0    | 0          | 0    | 46         | 0      | 0       |        |      |                           |

[illegible]

| WILFORD             | 2323 | 1665 | 259 | 191 | 231 | 665 | 424 | 30 | 12163 | 0 | 464 | 1371 | 468 | 32 | 44 | 586 | 6547 | 82 | 1767 |
|---------------------|------|------|-----|-----|-----|-----|-----|----|-------|---|-----|------|-----|----|----|-----|------|----|------|
| SIDOWAY             | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| TETON IRRIGATION    | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| GOOD LUCK           | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| PIONEER             | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| STEWART             | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| PINCOCK-BYINGTON    | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| PINCOCK-GARNER      | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| GARDNER             | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| TETON ISLAND FEEDER | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| NORTH SALEM         | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| ROXANA              | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| ISLAND WARD         | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| WOODMANSEE-JOHNSON  | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| JAMES-THOMPSON      | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| MC CORMICK-ROWE     | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| CITY OF REXBURG     | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| REXBURG IRRIGATION  | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| SAURY-SOMMERS       | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |
| TOTAL TETON RIVER   | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0     | 0 | 14  | 14   | 14  | 23 | 0  | 0   | 25   | 3  | 1767 |



JUNE 1954

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HENRYS FORK CANALS

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**TETON RIVER CANALS**

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CANAL

JULY 1954

FALL RIVER CANALS

| YELLOWSTONE | MARYSVILLE | TOTAL ABOVE SQUIREL | FARMERS OWN | ALMY | ENTERPRISE | BELL | FALL RIVER | MC BEE | CHESTER | SILKEY | CURR | TOTAL SQUIREL TO CHESTER |
|-------------|------------|---------------------|-------------|------|------------|------|------------|--------|---------|--------|------|--------------------------|
| 10          | 230        | 240                 | 83          | 3    | 181        | 8    | 360        | 3      | 45      | 10     | 24   | 767                      |
| 10          | 230        | 240                 | 85          | 4    | 176        | 10   | 363        | 2      | 86      | 11     | 24   | 763                      |
| 10          | 230        | 240                 | 85          | 4    | 174        | 10   | 360        | 2      | 84      | 12     | 24   | 758                      |
| 10          | 230        | 240                 | 85          | 3    | 172        | 10   | 350        | 2      | 80      | 13     | 24   | 750                      |
| 10          | 230        | 240                 | 85          | 2    | 171        | 9    | 348        | 2      | 76      | 13     | 23   | 732                      |
| 9           | 230        | 239                 | 83          | 2    | 170        | 9    | 348        | 2      | 72      | 13     | 22   | 721                      |
| 9           | 230        | 239                 | 79          | 3    | 169        | 8    | 348        | 2      | 70      | 13     | 26   | 719                      |
| 9           | 230        | 239                 | 79          | 3    | 169        | 8    | 350        | 1      | 67      | 12     | 26   | 714                      |
| 9           | 230        | 239                 | 77          | 0    | 169        | 8    | 350        | 1      | 58      | 12     | 30   | 716                      |
| 11          | 246        | 253                 | 82          | 4    | 161        | 6    | 200        | 1      | 58      | 19     | 30   | 709                      |
| 13          | 247        | 257                 | 87          | 3    | 159        | 5    | 195        | 1      | 53      | 18     | 46   | 567                      |
| 16          | 247        | 263                 | 88          | 4    | 164        | 7    | 200        | 1      | 51      | 17     | 42   | 584                      |
| 16          | 222        | 228                 | 73          | 3    | 157        | 5    | 191        | 1      | 46      | 15     | 24   | 522                      |
| 7           | 219        | 219                 | 59          | 3    | 148        | 4    | 191        | 1      | 39      | 13     | 37   | 495                      |
| 9           | 197        | 206                 | 63          | 3    | 146        | 3    | 193        | 1      | 36      | 13     | 36   | 494                      |
| 10          | 204        | 214                 | 64          | 2    | 146        | 2    | 193        | 1      | 30      | 12     | 37   | 490                      |
| 8           | 208        | 216                 | 67          | 2    | 146        | 1    | 191        | 1      | 28      | 13     | 37   | 486                      |
| 12          | 218        | 230                 | 71          | 0    | 145        | 1    | 191        | 1      | 26      | 12     | 41   | 489                      |
| 12          | 214        | 226                 | 73          | 0    | 140        | 1    | 191        | 1      | 24      | 11     | 41   | 486                      |
| 12          | 213        | 223                 | 73          | 0    | 138        | 2    | 207        | 1      | 24      | 12     | 48   | 488                      |
| 16          | 221        | 235                 | 79          | 0    | 139        | 5    | 207        | 1      | 20      | 16     | 46   | 485                      |
| 15          | 231        | 250                 | 83          | 0    | 139        | 5    | 202        | 1      | 12      | 15     | 46   | 480                      |
| 18          | 231        | 261                 | 90          | 0    | 139        | 5    | 204        | 1      | 7       | 15     | 49   | 501                      |
| 19          | 231        | 261                 | 90          | 0    | 139        | 5    | 204        | 1      | 4       | 15     | 49   | 506                      |
| 15          | 231        | 261                 | 88          | 0    | 139        | 5    | 204        | 1      | 5       | 15     | 49   | 509                      |
| 16          | 231        | 261                 | 88          | 0    | 139        | 5    | 204        | 1      | 9       | 15     | 49   | 512                      |
| 18          | 231        | 261                 | 88          | 0    | 139        | 5    | 204        | 1      | 5       | 15     | 49   | 512                      |
| 349         | 6951       | 7300                | 2401        | 60   | 4878       | 174  | 716        | 43     | 1503    | 422    | 1034 | 18231                    |

HENRYS FORK CANALS

| DEWEY | LAST CHANCE | CROSS CUT | ST. ANTHONY UNION | FARMERS FRIEND | TWIN GROVES | SALEM UNION | TOTAL ASHTON TO ST. ANTHONY | EGIN | ST. ANTHONY UNION FEEDER | INDEPENDENT | CONSOLIDATED FARMERS | TOTAL STANTHONY TO REXBURG |
|-------|-------------|-----------|-------------------|----------------|-------------|-------------|-----------------------------|------|--------------------------|-------------|----------------------|----------------------------|
| 30    | 100         | 0         | 390               | 65             | 127         | 80          | 192                         | 201  | 91                       | 147         | 145                  | 585                        |
| 30    | 100         | 0         | 411               | 66             | 127         | 66          | 800                         | 258  | 90                       | 129         | 153                  | 610                        |
| 30    | 100         | 0         | 421               | 64             | 127         | 170         | 952                         | 276  | 97                       | 150         | 160                  | 645                        |
| 30    | 95          | 0         | 457               | 63             | 106         | 0           | 831                         | 290  | 112                      | 150         | 170                  | 713                        |
| 30    | 94          | 0         | 438               | 142            | 108         | 0           | 782                         | 279  | 113                      | 180         | 190                  | 751                        |
| 30    | 92          | 0         | 459               | 191            | 163         | 174         | 1052                        | 290  | 116                      | 180         | 203                  | 779                        |
| 30    | 90          | 0         | 440               | 180            | 153         | 190         | 1093                        | 290  | 135                      | 185         | 205                  | 780                        |
| 35    | 89          | 75        | 438               | 178            | 162         | 155         | 1326                        | 308  | 118                      | 246         | 208                  | 879                        |
| 35    | 89          | 325       | 476               | 190            | 145         | 209         | 1505                        | 353  | 153                      | 241         | 279                  | 1026                       |
| 35    | 89          | 375       | 497               | 80             | 145         | 146         | 1256                        | 202  | 191                      | 145         | 223                  | 113                        |
| 0     | 109         | 369       | 411               | 411            | 128         | 146         | 1267                        | 221  | 124                      | 187         | 207                  | 842                        |
| 5     | 103         | 369       | 425               | 78             | 145         | 146         | 1280                        | 245  | 126                      | 208         | 216                  | 826                        |
| 35    | 103         | 372       | 440               | 54             | 128         | 146         | 1283                        | 267  | 135                      | 210         | 212                  | 842                        |
| 30    | 103         | 377       | 419               | 136            | 150         | 133         | 1286                        | 285  | 120                      | 194         | 207                  | 804                        |
| 30    | 98          | 214       | 458               | 152            | 150         | 188         | 1279                        | 274  | 118                      | 193         | 192                  | 765                        |
| 35    | 99          | 214       | 460               | 134            | 150         | 209         | 1279                        | 285  | 113                      | 187         | 192                  | 766                        |
| 35    | 100         | 214       | 457               | 147            | 147         | 217         | 1196                        | 279  | 120                      | 224         | 212                  | 801                        |
| 35    | 101         | 246       | 480               | 106            | 150         | 225         | 1321                        | 262  | 158                      | 277         | 212                  | 909                        |
| 101   | 107         | 361       | 497               | 110            | 152         | 225         | 1321                        | 274  | 153                      | 240         | 238                  | 905                        |
| 0     | 107         | 361       | 465               | 63             | 134         | 182         | 1369                        | 267  | 175                      | 247         | 199                  | 812                        |
| 18    | 106         | 354       | 445               | 53             | 192         | 180         | 1298                        | 276  | 172                      | 199         | 197                  | 797                        |
| 18    | 106         | 351       | 448               | 40             | 180         | 172         | 1297                        | 267  | 147                      | 172         | 164                  | 795                        |
| 110   | 3088        | 6044      | 13864             | 3121           | 4375        | 5019        | 36221                       | 8393 | 5699                     | 5801        | 23786                |                            |

10 TETON RIVER CANALS

[illegible]



## FALL RIVER CANALS

| YELLOWSTONE    | MARYSVILLE          | TOTAL ABOVE SQUIREL | FARMERS OWN    | ALMY      | ENTERPRISE          | BELL      | FALL RIVER          | MC BEE    | CHESTER        | SILKEY         | CURR           | TOTAL SQUIREL TO CHESTER |
|----------------|---------------------|---------------------|----------------|-----------|---------------------|-----------|---------------------|-----------|----------------|----------------|----------------|--------------------------|
| 18 18 18 18 18 | 237 255 241 240 241 | 255 253 259 258 259 | 88 88 88 86 88 | 0 0 0 0 0 | 143 143 140 139 142 | 6 5 5 5 6 | 202 208 207 207 211 | 2 2 2 2 3 | 7 13 15 8 16   | 13 12 12 12 12 | 46 45 47 47 48 | 507 516 516 506 526      |
| 19 17 17 17 18 | 235 235 235 235 235 | 287 259 252 251 234 | 85 85 85 82 82 | 0 0 0 0 0 | 147 151 158 156 162 | 6 6 6 6 5 | 209 209 211 211 209 | 3 3 3 3 3 | 21 21 21 21 21 | 11 11 11 11 11 | 44 44 44 44 44 | 531 531 531 540 531      |
| 18 18 19 20 19 | 227 229 191 191 191 | 248 211 212 209     | 76 67 65       | 0 0 0     | 162 162 162 162 162 | 5 5 5 5 6 | 209 216 216 216 216 | 3 3 3 3 3 | 17 15 12 12 12 | 10 11 11 11 11 | 44 47 45 43 45 | 536 530 531 517 508      |
| 23 23 23 24 24 | 191 219 205 205 195 | 214 242 229 229 219 | 62 65 65 59    | 0 0 0     | 157 157 156 157     | 5 5 5 6 7 | 200 200 200 175 175 | 1 1 1 1 1 | 12 12 12 12 12 | 11 11 11 11 4  | 44 44 44 44 44 | 513 511 513 513 513      |
| 25 25 21 20 18 | 181 181 175 158 159 | 208 206 196 178 171 | 56 53 47 48 42 | 0 0 0     | 157 157 135 135 134 | 7 7 7 7 7 | 200 200 175 175 175 | 1 1 1 1 1 | 10 10 10 10 10 | 4 4 3 3 3      | 44 44 44 44 44 | 466 458 433 449 483      |
| 17 18 17 16 15 | 157 141 139 132 130 | 144 154 156 148 145 | 38 38 38 39 42 | 0 0 0     | 132 134 134 134 130 | 5 6 7 7 5 | 144 144 144 144 148 | 2 2 2 2 1 | 7 7 7 7 7      | 3 3 3 3 3      | 46 46 46 46 46 | 365 356 357 357 357      |
| 16 16 15       | 130                 | 145                 | 42             | 0         | 130                 | 5         | 148                 | 1         | 15             | 8              | 46             | 357 357 357 357 357      |
| 597            | 6123                | 6710                | 1023           | 0         | 4590                | 184       | 6231                | 56        | 408            | 235            | 157            | 14884                    |

## HENRY'S FORK CANALS

[illegible]

## TETON RIVER CANALS

[illegible]



FINAL

FALL RIVER CANALS

|                |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
|----------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
| SEPTEMBER 1954 | 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 | TOTAL |
|----------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|

WELLSVILLE  
MARSHVILLE  
TOTAL ABOVE SQUIMMEL  
FARMERS OWN  
AT MY  
ENTERPRISE  
BELL  
FALL RIVER  
MC BEE  
CHESTER  
SILKEY  
CURN  
TOTAL SQUIMMEL TO CHESTER

DEWEY  
LAST CHANCE  
CROSS CUT  
STANTHONY UNION  
FARMERS FRIEND  
TWIN GROVES  
SALEM UNION  
OTAL ASHTON TO STANTHONY  
EGIN  
STANTHONY UNION FEEDER  
INDEPENDENT  
CONSOLIDATED FARMERS  
OTAL STANTHONY TO REXBURG

SIDOWAY  
WILFORD  
TETON IRRIGATION  
GOOD LUCK  
PIONEER  
STEWART  
PINCOCK-BYNGTON  
PINCOCK-GARNER  
GARDNER  
TETON ISLAND FEEDER  
NORTH SALEM  
ROXANA  
ISLAND WARD  
WOODMANSEE-JOHNSON  
EAMES-THOMPSON  
MC CORMICK-ROWE  
CITY OF REXBURG  
REXBURG IRRIGATION  
SAURY-SOMMERS







| DATE   | HENRYS LAKE CONTENTS<br>ACRE-FEET | HENRYS FORK NEAR LAKE |        |       | STORED LOSS LAKE TO ISLAND PARK | STORAGE DIVERSIONS ABOVE ISLAND PARK | F.M. DIST. SHERIDAN CREEK RIGHT | STORAGE INFLOW TO ISLAND PARK RESERVOIR | DATE | ISLAND PARK RESERVOIR CONTENTS<br>ACRE-FEET | HENRYS FORK NEAR ISLAND PARK |        |       | STORED LOSS ISLAND PARK TO ASHTON | DATE   | HENRYS FORK NEAR ASHTON |        |       | GRASSY LAKE STORAGE RELEASE<br>① |
|--------|-----------------------------------|-----------------------|--------|-------|---------------------------------|--------------------------------------|---------------------------------|-----------------------------------------|------|---------------------------------------------|------------------------------|--------|-------|-----------------------------------|--------|-------------------------|--------|-------|----------------------------------|
|        |                                   | STORED                | NORMAL | TOTAL |                                 |                                      |                                 |                                         |      |                                             | STORED                       | NORMAL | TOTAL |                                   |        | STORED                  | NORMAL | TOTAL |                                  |
| JULY 6 |                                   |                       |        |       |                                 |                                      |                                 |                                         |      |                                             |                              |        |       |                                   |        |                         |        |       |                                  |
| 7      |                                   |                       |        |       |                                 |                                      |                                 |                                         |      |                                             |                              |        |       |                                   |        |                         |        |       |                                  |
| 8      |                                   |                       |        |       |                                 |                                      |                                 |                                         |      |                                             |                              |        |       |                                   |        |                         |        |       |                                  |
| 9      | 80,000                            | 105                   | 25     | 130   | 4                               |                                      |                                 |                                         |      |                                             |                              |        |       |                                   |        |                         |        |       |                                  |
| 10     |                                   | 85                    | 25     | 110   | 3                               |                                      | 12                              | 113                                     |      | 135,045                                     | 137                          | 611    | 748   | 3                                 |        | 134                     | 1348   | 1480  |                                  |
| 11     |                                   | 65                    | 25     | 90    | 3                               |                                      | 12                              | 94                                      |      | 134,800                                     | 114                          | 604    | 718   | 3                                 |        | 111                     | 1339   | 1450  |                                  |
| 12     |                                   | 65                    | 25     | 90    | 3                               |                                      | 12                              | 74                                      |      | 134,840                                     | 101                          | 598    | 699   | 2                                 |        | 99                      | 1341   | 1440  |                                  |
| 13     |                                   | 68                    | 25     | 93    | 3                               |                                      | 12                              | 74                                      |      | 134,395                                     | 98                           | 586    | 684   | 2                                 |        | 95                      | 1264   | 1360  |                                  |
| 14     |                                   | 66                    | 25     | 91    | 3                               | 5                                    | 12                              | 77                                      |      | 134,315                                     | 85                           | 580    | 665   | 2                                 |        | 83                      | 1297   | 1380  |                                  |
| 15     | 79,600                            | 69                    | 25     | 94    | 3                               | 6                                    | 12                              | 70                                      |      | 134,155                                     | 306                          | 554    | 860   | 8                                 |        | 298                     | 1602   | 1900  |                                  |
| 16     |                                   | 71                    | 24     | 95    | 3                               | 6                                    | 12                              | 72                                      |      | 133,270                                     | 642                          | 548    | 1190  | 16                                |        | 626                     | 1514   | 2140  |                                  |
| 17     |                                   | 72                    | 24     | 96    | 3                               | 6                                    | 12                              | 74                                      |      | 132,150                                     | 616                          | 544    | 1160  | 15                                |        | 601                     | 1189   | 1790  |                                  |
| 18     |                                   | 71                    | 24     | 95    | 3                               | 6                                    | 12                              | 75                                      |      | 131,115                                     | 458                          | 542    | 1000  | 11                                |        | 447                     | 1253   | 1700  |                                  |
| 19     |                                   | 72                    | 24     | 96    | 3                               | 6                                    | 12                              | 74                                      |      | 130,245                                     | 435                          | 536    | 971   | 11                                |        | 424                     | 1366   | 1790  |                                  |
| 20     |                                   | 72                    | 24     | 96    | 3                               | 6                                    | 12                              | 75                                      |      | 129,775                                     | 620                          | 530    | 1150  | 15                                |        | 605                     | 1359   | 1960  |                                  |
| 21     |                                   | 73                    | 23     | 96    | 3                               | 6                                    | 12                              | 75                                      |      | 128,435                                     | 686                          | 524    | 1210  | 17                                |        | 669                     | 1311   | 1980  |                                  |
| 22     |                                   | 72                    | 23     | 95    | 3                               | 6                                    | 12                              | 76                                      |      | 127,185                                     | 542                          | 518    | 1060  | 13                                |        | 529                     | 1021   | 1550  |                                  |
| 23     |                                   | 71                    | 23     | 94    | 3                               | 6                                    | 12                              | 74                                      |      | 126,405                                     | 397                          | 488    | 885   | 10                                |        | 387                     | 1163   | 1550  |                                  |
| 24     |                                   | 71                    | 23     | 94    | 3                               | 6                                    | 12                              | 74                                      |      | 125,400                                     | 398                          | 487    | 885   | 10                                |        | 388                     | 1142   | 1530  |                                  |
| 25     |                                   | 72                    | 23     | 95    | 3                               | 6                                    | 12                              | 75                                      |      | 124,780                                     | 399                          | 486    | 885   | 10                                |        | 389                     | 1111   | 1500  |                                  |
| 26     | 78,100                            | 80                    | 22     | 102   | 3                               | 6                                    | 12                              | 83                                      |      | 124,090                                     | 440                          | 485    | 925   | 11                                |        | 429                     | 1251   | 1680  |                                  |
| 27     |                                   | 88                    | 22     | 110   | 4                               | 6                                    | 12                              | 90                                      |      | 123,170                                     | 686                          | 484    | 1170  | 17                                |        | 669                     | 1271   | 1940  |                                  |
| 28     |                                   | 85                    | 22     | 107   | 3                               | 6                                    | 12                              | 88                                      |      | 121,880                                     | 796                          | 484    | 1280  | 20                                |        | 776                     | 1324   | 2100  |                                  |
| 29     |                                   | 83                    | 21     | 104   | 3                               | 6                                    | 12                              | 86                                      |      | 120,515                                     | 1087                         | 483    | 1570  | 27                                |        | 1060                    | 1570   | 2630  |                                  |
| 30     |                                   | 79                    | 21     | 100   | 3                               | 6                                    | 12                              | 82                                      |      | 118,560                                     | 1588                         | 482    | 2070  | 39                                |        | 1549                    | 1381   | 2930  | 55                               |
| 31     |                                   | 77                    | 21     | 98    | 3                               | 6                                    | 12                              | 80                                      |      | 115,230                                     | 1649                         | 481    | 2130  | 41                                |        | 1508                    | 1252   | 2860  | 55                               |
| AUG. 1 |                                   | 74                    | 20     | 94    | 3                               | 6                                    | 12                              | 77                                      |      | 112,025                                     | 1410                         | 480    | 1890  | 35                                |        | 1375                    | 1045   | 2420  | 55                               |
| 2      |                                   | 73                    | 20     | 93    | 3                               | 6                                    | 12                              | 76                                      |      | 109,515                                     | 1070                         | 480    | 1550  | 27                                | AUG. 1 | 1043                    | 1077   | 2120  | 55                               |
| 3      | 75,600                            | 73                    | 20     | 93    | 3                               | 6                                    | 12                              | 76                                      |      | 107,810                                     | 1145                         | 495    | 1640  | 28                                | 2      | 1117                    | 1413   | 2530  | 55                               |
| 4      |                                   | 74                    | 19     | 93    | 3                               | 6                                    | 12                              | 77                                      |      | 105,585                                     | 1115                         | 495    | 1610  | 28                                | 3      | 1087                    | 1113   | 2200  | 55                               |
| 5      |                                   | 75                    | 18     | 93    | 3                               | 6                                    | 12                              | 70                                      |      | 103,625                                     | 1005                         | 495    | 1500  | 25                                | 4      | 980                     | 1220   | 2200  | 55                               |
| 6      |                                   | 67                    | 18     | 85    | 3                               | 6                                    | 12                              | 70                                      |      | 101,710                                     | 1005                         | 495    | 1500  | 25                                | 5      | 980                     | 1400   | 2380  | 55                               |
| 7      |                                   | 67                    | 17     | 84    | 3                               | 6                                    | 12                              | 71                                      |      | 99,680                                      | 1395                         | 495    | 1890  | 35                                | 6      | 1360                    | 1340   | 2700  | 55                               |
| 8      |                                   | 68                    | 16     | 84    | 3                               | 6                                    | 12                              | 72                                      |      | 97,145                                      | 1145                         | 495    | 1640  | 28                                | 7      | 1117                    | 1103   | 2220  | 55                               |
| 9      |                                   | 69                    | 15     | 84    | 3                               | 6                                    | 12                              | 72                                      |      | 95,365                                      | 775                          | 495    | 1270  | 19                                | 8      | 756                     | 1184   | 1940  | 55                               |
| 10     |                                   | 69                    | 15     | 84    | 3                               | 6                                    | 12                              | 72                                      |      | 94,585                                      | 565                          | 495    | 1060  | 14                                | 9      | 551                     | 1409   | 1960  | 55                               |
| 11     |                                   | 72                    | 14     | 86    | 3                               | 6                                    | 12                              | 75                                      |      | 93,290                                      | 775                          | 495    | 1270  | 19                                | 10     | 756                     | 1224   | 1980  | 55                               |
| 12     |                                   | 72                    | 14     | 86    | 3                               | 6                                    | 12                              | 75                                      |      | 92,000                                      | 775                          | 495    | 1270  | 19                                | 11     | 756                     | 1224   | 1980  | 55                               |
| 13     |                                   | 72                    | 14     | 86    | 3                               | 6                                    | 12                              | 75                                      |      | 90,540                                      | 765                          | 495    | 1260  | 19                                | 12     | 746                     | 1294   | 2040  | 55                               |
| 14     |                                   | 72                    | 14     | 86    | 3                               | 6                                    | 12                              | 75                                      |      | 89,215                                      | 706                          | 494    | 1200  | 18                                | 13     | 688                     | 1172   | 1860  | 55                               |
| 15     |                                   | 73                    | 13     | 86    | 3                               | 6                                    | 12                              | 75                                      |      | 88,465                                      | 626                          | 494    | 1140  | 16                                | 14     | 610                     | 1180   | 1790  | 55                               |
| 16     | 73,950                            | 72                    | 13     | 85    | 3                               | 6                                    | 12                              | 76                                      |      | 87,040                                      | 646                          | 494    | 1140  | 16                                | 15     | 630                     | 1230   | 1860  | 55                               |
| 17     |                                   | 72                    | 13     | 85    | 3                               | 6                                    | 12                              | 76                                      |      | 85,930                                      | 646                          | 494    | 1140  | 16                                | 16     | 630                     | 1210   | 1840  | 55                               |
| 18     |                                   | 73                    | 12     | 85    | 3                               | 6                                    | 12                              | 76                                      |      | 84,840                                      | 625                          | 495    | 1120  | 15                                | 17     | 610                     | 1180   | 1770  | 55                               |
| 19     |                                   | 74                    | 12     | 86    | 3                               | 6                                    | 12                              | 76                                      |      | 83,810                                      | 526                          | 494    | 1020  | 13                                | 18     | 513                     | 1147   | 1660  | 55                               |
| 20     |                                   | 73                    | 12     | 85    | 3                               | 6                                    | 12                              | 76                                      |      | 82,970                                      | 526                          | 494    | 1020  | 13                                | 19     | 513                     | 1147   | 1660  | 55                               |
| 21     |                                   | 73                    | 12     | 85    | 3                               | 6                                    | 12                              | 75                                      |      | 82,140                                      | 516                          | 494    | 1010  | 13                                | 20     | 503                     | 1217   | 1720  | 55                               |
| 22     |                                   | 72                    | 12     | 84    | 3                               | 6                                    | 12                              | 75                                      |      | 81,430                                      | 516                          | 494    | 1010  | 13                                | 21     | 503                     | 1197   | 1700  | 55                               |
| 23     |                                   | 72                    | 12     | 84    | 3                               | 6                                    | 12                              | 75                                      |      | 80,845                                      | 516                          | 494    | 1010  | 13                                | 22     | 503                     | 1267   | 1770  | 55                               |
|        |                                   |                       |        |       |                                 |                                      |                                 |                                         |      | 79,675                                      | 516                          | 494    | 1010  | 13                                | 23     | 503                     | 1177   | 1680  | 55                               |
|        |                                   |                       |        |       |                                 |                                      |                                 |                                         |      | 79,035                                      | 462                          | 494    | 968   | 11                                | 24     | 451                     | 1149   | 1600  | 55                               |
|        |                                   |                       |        |       |                                 |                                      |                                 |                                         |      | 78,285                                      | 338                          | 498    | 836   | 8                                 | 25     | 530                     | 1030   | 1360  | 55                               |



# HENRYS FORK — DAILY SEGREGATION OF FLOW 1954

24 HOUR SECOND-FEET EXCEPT AS NOTED

| STORAGE<br>DIVERSIONS<br>ASHTON TO<br>ST. ANTHONY | HENRYS FORK<br>AT ST. ANTHONY |        |       | STORAGE DIVERSIONS<br>ST. ANTHONY TO REXBURG |                | DATE   | HENRYS FORK<br>NEAR REXBURG |        |       |
|---------------------------------------------------|-------------------------------|--------|-------|----------------------------------------------|----------------|--------|-----------------------------|--------|-------|
|                                                   | STORED                        | NORMAL | TOTAL | HENRYS<br>FORK                               | TETON<br>RIVER |        | STORED                      | NORMAL | TOTAL |
|                                                   |                               |        |       |                                              |                | JULY 9 |                             |        |       |
| 2                                                 | 132                           | 1088   | 1220  |                                              |                | 10     | 132                         | 1018   | 1150  |
| 2                                                 | 109                           | 971    | 1080  |                                              |                | 11     | 109                         | 829    | 938   |
| 2                                                 | 97                            | 855    | 952   |                                              | 167            | 12     | -70                         | 828    | 758   |
| 2                                                 | 94                            | 736    | 830   |                                              | 116            | 13     | -22                         | 682    | 660   |
| 100                                               | -17                           | 802    | 785   |                                              | 110            | 14     | -127                        | 772    | 645   |
| 43                                                | 255                           | 805    | 1060  |                                              | 84             | 15     | 171                         | 969    | 1140  |
| 179                                               | 447                           | 1183   | 1630  |                                              | 182            | 16     | 265                         | 1255   | 1520  |
| 9                                                 | 592                           | 828    | 1420  |                                              | 191            | 17     | 411                         | 899    | 1310  |
| 2                                                 | 445                           | 695    | 1140  |                                              | 225            | 18     | 220                         | 880    | 1100  |
| 158                                               | 266                           | 914    | 1080  |                                              | 163            | 19     | 103                         | 1057   | 1160  |
| 183                                               | 422                           | 798    | 1220  |                                              | 151            | 20     | 271                         | 949    | 1220  |
| 158                                               | 511                           | 709    | 1220  |                                              | 136            | 21     | 375                         | 825    | 1200  |
| 151                                               | 378                           | 542    | 920   |                                              | 135            | 22     | 245                         | 699    | 944   |
| 300                                               | 87                            | 773    | 860   |                                              | 115            | 23     | -28                         | 876    | 848   |
| 334                                               | 54                            | 767    | 821   |                                              | 89             | 24     | -35                         | 761    | 726   |
| 348                                               | 41                            | 744    | 785   |                                              | 63             | 25     | -22                         | 682    | 660   |
| 381                                               | 48                            | 792    | 840   | 214                                          | 136            | 26     | -302                        | 997    | 695   |
| 705                                               | -36                           | 1146   | 1110  | 289                                          | 151            | 27     | -476                        | 1402   | 926   |
| 778                                               | -2                            | 1172   | 1170  | 278                                          | 148            | 28     | -425                        | 1525   | 1100  |
| 748                                               | 312                           | 1228   | 1540  | 202                                          | 170            | 29     | -60                         | 1580   | 1520  |
| 744                                               | 805                           | 1125   | 1930  | 147                                          | 155            | 30     | 503                         | 1197   | 1700  |
| 747                                               | 918                           | 994    | 1910  | 145                                          | 138            | 31     | 633                         | 997    | 1630  |
| 784                                               | 666                           | 904    | 1570  | 193                                          | 156            | AUG. 1 | 317                         | 1043   | 1360  |
| 721                                               | 377                           | 843    | 1220  | 133                                          | 140            | 2      | 104                         | 1116   | 1220  |
| 784                                               | 388                           | 1132   | 1520  | 198                                          | 121            | 3      | 69                          | 1181   | 1250  |
| 751                                               | 391                           | 869    | 1260  | 192                                          | 117            | 4      | 82                          | 1008   | 1090  |
| 695                                               | 340                           | 860    | 1200  | 185                                          | 106            | 5      | 49                          | 1081   | 1130  |
| 732                                               | 303                           | 997    | 1300  | 193                                          | 130            | 6      | -20                         | 1440   | 1420  |
| 804                                               | 611                           | 1199   | 1810  | 160                                          | 142            | 7      | 309                         | 1301   | 1610  |
| 699                                               | 473                           | 867    | 1360  | 155                                          | 138            | 8      | 180                         | 1260   | 1440  |
| 697                                               | 114                           | 871    | 985   | 131                                          | 107            | 9      | -124                        | 1324   | 1200  |
| 698                                               | -92                           | 1122   | 1030  | 125                                          | 91             | 10     | -308                        | 1478   | 1170  |
| 645                                               | 166                           | 914    | 1080  | 147                                          | 86             | 11     | -67                         | 1237   | 1170  |
| 702                                               | 109                           | 951    | 1060  | 150                                          | 87             | 12     | -128                        | 1268   | 1140  |
| 669                                               | 132                           | 988    | 1120  | 150                                          | 79             | 13     | -97                         | 1397   | 1300  |
| 628                                               | 115                           | 1035   | 1150  | 136                                          | 62             | 14     | -83                         | 1343   | 1260  |
| 628                                               | 37                            | 1043   | 1080  | 110                                          | 66             | 15     | -139                        | 1449   | 1310  |
| 622                                               | 63                            | 1047   | 1110  | 112                                          | 67             | 16     | -116                        | 1436   | 1320  |
| 617                                               | 68                            | 1022   | 1090  | 129                                          | 49             | 17     | -103                        | 1343   | 1240  |
| 548                                               | 17                            | 1063   | 1080  | 127                                          | 43             | 18     | -161                        | 1321   | 1180  |
| 628                                               | -58                           | 1088   | 1030  | 127                                          | 41             | 19     | -228                        | 1338   | 1110  |
| 617                                               | -49                           | 1079   | 1030  | 130                                          | 41             | 20     | -217                        | 1357   | 1140  |
| 590                                               | -22                           | 1132   | 1110  | 111                                          | 35             | 21     | -193                        | 1463   | 1270  |
| 534                                               | 24                            | 1136   | 1160  | 85                                           | 38             | 22     | -122                        | 1532   | 1410  |
| 525                                               | 33                            | 1227   | 1260  | 83                                           | 38             | 23     | -90                         | 1610   | 1520  |
| 474                                               | 84                            | 1136   | 1220  | 84                                           | 48             | 24     | -37                         | 1527   | 1490  |
| 453                                               | 83                            | 1157   | 1210  | 64                                           | 48             | 25     | -79                         | 1489   | 1390  |
| 436                                               | -51                           | 1111   | 1060  | 64                                           | 48             | 26     | -163                        | 1373   | 1210  |

| DATE    | HENRYS<br>LAKE<br>CONTENTS<br>ACRE-FEET | HENRYS FORK<br>NEAR LAKE |        |       | STORED<br>LOSS<br>LAKE TO<br>ISLAND PARK | STORAGE<br>DIVERSIONS<br>ABOVE<br>ISLAND PARK | F.M.DIST.<br>SHERIDAN<br>CREEK<br>RIGHT | STORAGE<br>INFLOW TO<br>ISLAND PARK<br>RESERVOIR | DATE    | ISLAND<br>RESER-<br>VOIR<br>CONTE-<br>NTS<br>ACRE- |
|---------|-----------------------------------------|--------------------------|--------|-------|------------------------------------------|-----------------------------------------------|-----------------------------------------|--------------------------------------------------|---------|----------------------------------------------------|
|         |                                         | STORED                   | NORMAL | TOTAL |                                          |                                               |                                         |                                                  |         |                                                    |
| AUG. 24 |                                         | 71                       | 12     | 83    | 3                                        | 6                                             | 12                                      | 74                                               | AUG. 25 | 78.0                                               |
| 25      |                                         | 72                       | 12     | 84    | 3                                        | 6                                             | 12                                      | 75                                               | 26      | 78.0                                               |
| 26      |                                         | 72                       | 12     | 84    | 3                                        | 6                                             | 12                                      | 75                                               | 27      | 77.0                                               |
| 27      | 72,200                                  | 72                       | 12     | 84    | 3                                        | 6                                             | 12                                      | 75                                               | 28      | 77.0                                               |
| 28      |                                         | 72                       | 12     | 84    | 3                                        | 6                                             | 12                                      | 75                                               | 29      | 77.0                                               |
| 29      |                                         | 71                       | 12     | 83    | 3                                        | 6                                             | 12                                      | 74                                               | 30      | 77.0                                               |
| 30      |                                         | 71                       | 12     | 83    | 3                                        | 6                                             | 12                                      | 74                                               | 31      | 76.0                                               |
| 31      |                                         | 70                       | 12     | 82    | 3                                        | 6                                             | 12                                      | 73                                               | SEPT. 1 | 75.0                                               |
| SEPT. 1 |                                         | 69                       | 11     | 80    | 3                                        | 6                                             | 12                                      | 72                                               | 2       | 73.0                                               |
| 2       |                                         | 68                       | 11     | 79    | 3                                        | 6                                             | 12                                      | 71                                               | 3       | 72.0                                               |
| 3       |                                         | 68                       | 11     | 79    | 3                                        | 6                                             | 12                                      | 71                                               | 4       | 70.0                                               |
| 4       | 71,100                                  | 68                       | 11     | 77    | 3                                        | 6                                             | 12                                      | 69                                               | 5       | 68.0                                               |
| 5       |                                         | 66                       | 11     | 77    | 3                                        | 6                                             | 12                                      | 69                                               | 6       | 68.0                                               |
| 6       |                                         | 67                       | 10     | 77    | 3                                        | 6                                             | 12                                      | 70                                               | 7       | 66.0                                               |
| 7       |                                         | 67                       | 10     | 77    | 3                                        | 6                                             | 12                                      | 70                                               | 8       | 64.0                                               |
| 8       |                                         | 67                       | 10     | 77    | 3                                        | 6                                             | 12                                      | 70                                               | 9       | 63.0                                               |
| 9       |                                         | 67                       | 10     | 77    | 3                                        | 6                                             | 12                                      | 70                                               | 10      | 62.0                                               |
| 10      |                                         | 67                       | 10     | 77    | 2                                        | 6                                             | 12                                      | 71                                               | 11      | 61.0                                               |
| 11      |                                         | 67                       | 10     | 77    | 2                                        | 6                                             | 12                                      | 77                                               | 12      | 59.0                                               |
| 12      |                                         | 67                       | 10     | 77    | 2                                        | 6                                             | 12                                      | 77                                               | 13      | 59.0                                               |
| 13      |                                         | 67                       | 10     | 77    | 2                                        | 6                                             | 12                                      | 77                                               | 14      | 59.0                                               |
| 14      |                                         | 67                       | 10     | 77    | 2                                        | 6                                             | 12                                      | 77                                               | 15      | 59.0                                               |
| 15      |                                         | 67                       | 10     | 77    | 2                                        | 6                                             | 12                                      | 77                                               | 16      | 59.0                                               |
| 16      |                                         | 68                       | 9      | 77    | 3                                        | 6                                             | 12                                      | 77                                               | 17      | 59.0                                               |
| 17      |                                         | 68                       | 9      | 77    | 3                                        | 6                                             | 12                                      | 77                                               | 18      | 59.0                                               |
| 18      |                                         | 68                       | 9      | 77    | 3                                        | 6                                             | 12                                      | 78                                               | 19      | 59.0                                               |
| 19      |                                         | 68                       | 9      | 77    | 2                                        | 6                                             | 12                                      | 46                                               | 20      | 59.0                                               |
| 20      | 68,100                                  | 35                       | 9      | 44    | 1                                        | 6                                             | 12                                      | 22                                               | 21      | 59.0                                               |
| 21      |                                         | 10                       | 9      | 19    | 0                                        | 6                                             | 12                                      | 22                                               | 22      | 59.0                                               |
| 22      |                                         | 10                       | 9      | 19    | 0                                        | 6                                             | 12                                      | 22                                               | 23      | 59.0                                               |
| 23      |                                         | 10                       | 9      | 19    | 0                                        | 6                                             | 12                                      | 22                                               | 24      | 59.0                                               |
| 24      |                                         | 10                       | 9      | 19    | 0                                        | 6                                             | 12                                      | 22                                               | 25      | 59.0                                               |
| 25      |                                         | 10                       | 9      | 19    | 0                                        | 6                                             | 12                                      | 22                                               | 26      | 59.0                                               |
| 26      |                                         | 10                       | 9      | 19    | 0                                        | 6                                             | 12                                      | 22                                               | 27      | 59.0                                               |
| 27      |                                         | 10                       | 9      | 19    | 0                                        | 6                                             | 12                                      | 10                                               | 28      | 59.0                                               |
| 28      |                                         | 10                       | 9      | 19    | 0                                        | 6                                             | 12                                      | 10                                               | 29      | 59.0                                               |
| 29      |                                         | 10                       | 9      | 19    | 0                                        | 6                                             | 12                                      | 10                                               | 30      | 59.0                                               |
| 30      |                                         | 10                       | 9      | 19    | 0                                        | 6                                             | 12                                      | 10                                               | 31      | 59.0                                               |
| TOTAL   |                                         | 5,369                    |        |       |                                          | 215                                           | 363                                     | 972                                              | 5,775   |                                                    |



① LISTED HERE ONE DAY LATER THAN RELEASE AT RESERVOIR



## STORAC

[illegible]







NUMBER

| NUMBER |     |     |     |     |     |     |     |     |     |     |     |     |     |     | NO. | TOTAL           |               | RESERVOIR ALLOTMENTS IN ACRE- FEET |                |                   |                 |         |         |                        |        |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|---------------|------------------------------------|----------------|-------------------|-----------------|---------|---------|------------------------|--------|
| 6      | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  |     | SECOND-<br>FEET | ACRE-<br>FEET | FREMONT<br>MADISON                 | HENRYS<br>LAKE | AMERICAN<br>FALLS | JACKSON<br>LAKE | RENTALS | TOTAL   | HEADGATE<br>EQUIVALENT |        |
|        |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   | 353             | 700           | 470                                |                |                   |                 | ① 230   | 700     | 700                    |        |
| 2      | 2   | 2   | 1   | 1   | 0   |     |     |     |     |     |     |     |     |     | 2   | 111             | 221           | 183                                |                |                   |                 | ② 44    | 227     | 221                    |        |
| 16     | 16  | 16  | 15  | 15  | 15  | 15  | 15  | 14  | 14  | 14  | 14  | 13  | 13  | 13  | 3   | 176             | 349           | 200                                |                |                   |                 | ③ 200   | 400     | 390                    |        |
|        |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 4   | 1,450           | 2,876         | 2,134                              |                |                   |                 | ② 900   | 3,034   | 2,959                  |        |
| 77     | 77  | 74  | 77  | 77  | 77  | 63  | 63  | 63  | 63  | 63  | 0   |     |     |     | 5   | 858             | 1,702         | 1,745                              |                |                   |                 |         | 1,745   | 1,702                  |        |
| 35     | 30  | 30  | 30  | 23  | 22  | 22  | 22  | 22  | 22  | 22  | 0   |     |     |     | 6   | 9,800           | 19,438        | 22,448                             |                |                   |                 |         | 22,448  | 21,890                 |        |
| 26     | 126 | 126 | 126 | 126 | 126 | 126 | 126 | 126 | 126 | 115 | 115 | 115 | 115 | 115 | 7   | 2,887           | 5,726         | 8,596                              |                |                   |                 |         | 8,596   | 8,383                  |        |
|        |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 8   | 10,276          | 20,382        | 10,135                             |                | 2,882             | 13,189          |         | 26,206  | 24,787                 |        |
|        |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 9   | 45              | 89            | 140                                |                |                   |                 |         | 140     | 137                    |        |
|        |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 10  | 1,722           | 3,415         | 7,961                              |                |                   |                 |         | 7,961   | 7,763                  |        |
|        |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 11  | 0               | 0             | 80                                 |                |                   |                 |         | 80      | 78                     |        |
| 9      | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 7   | 7   | 6   | 5   | 5   | 5   | 12  | 745             | 1,478         | 1,685                              |                |                   |                 |         | 1,685   | 1,643                  |        |
|        |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 13  | 0               | 0             | 504                                |                |                   |                 |         | 504     | 491                    |        |
|        |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 14  | 0               | 0             | 60                                 |                |                   |                 |         | 60      | 59                     |        |
| 18     | 18  | 18  | 18  | 18  | 19  | 19  | 16  | 16  | 16  | 15  | 0   |     |     |     | 15  | 1,043           | 2,088         | 712                                | 1,100          |                   | ② 345           | 2,157   | 2,060   |                        |        |
| 54     | 54  | 54  | 54  | 54  | 52  | 52  | 52  | 52  | 52  | 52  | 48  | 48  | 35  | 35  | 16  | 3,897           | 7,729         | 1,800                              | 10,680         |                   |                 |         | 12,480  | 11,753                 |        |
| 4      | 4   | 0   |     |     |     |     |     |     |     |     |     |     |     |     | 17  | 1,865           | 3,699         | 3,494                              | 5,240          |                   |                 |         | 8,734   | 8,312                  |        |
| 28     | 29  | 25  | 27  | 26  | 25  | 25  | 24  | 24  | 23  | 23  | 23  | 19  | 9   | 9   | 18  | 2,268           | 4,499         | 5,734                              |                |                   |                 |         | 5,734   | 5,592                  |        |
| 10     | 88  | 94  | 94  | 94  | 94  | 94  | 94  | 94  | 0   |     |     |     |     |     | 19  | 2,227           | 4,417         | 5,983                              |                |                   |                 |         | 5,983   | 5,835                  |        |
| 4      | 126 | 122 | 126 | 124 | 124 | 122 | 105 | 107 | 0   |     |     |     |     |     | 20  | 3,356           | 6,656         | 7,759                              | 18,630         |                   |                 |         | 26,389  | 25,008                 |        |
|        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |               |                                    |                |                   |                 |         |         |                        |        |
| 1      | 578 | 569 | 576 | 566 | 562 | 546 | 525 | 526 | 323 | 311 | 206 | 200 | 177 | 177 | 21  | 42,726          | 84,744        | 81,353                             | 35,650         | 2,882             | 13,189          | 1,489   | 134,563 | 129,063                |        |
|        |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 22  | 0               | 0             | 2,389                              | 5,240          |                   |                 |         |         | 7,629                  | 7,235  |
|        |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 23  | 7,048           | 13,979        | 9,014                              | 20,630         |                   |                 |         |         | 29,644                 | 28,104 |
| 5      | 65  | 44  | 18  | 18  | 10  | 10  | 10  | 18  | 18  | 18  | 0   |     |     |     | 24  | 2,124           | 4,213         | 4,960                              | 15,480         |                   |                 |         |         | 20,440                 | 19,330 |
| 3      | 73  | 74  | 73  | 73  | 76  | 76  | 76  | 76  | 0   |     |     |     |     |     |     |                 |               |                                    |                |                   |                 |         |         |                        |        |
|        |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 25  | 9,142           | 18,192        | 16,363                             | 41,350         |                   |                 |         |         | 57,713                 | 54,569 |
| 138    | 118 | 91  | 91  | 86  | 86  | 86  | 94  | 18  | 18  | 0   |     |     |     |     |     |                 |               |                                    |                |                   |                 |         |         |                        |        |

ENTED FROM TWIN FALLS CANAL CO.

① RENTED FROM TWIN FALLS CANAL CO.  
 ② RENTED FROM FREMONT MADISON DISTRICT



## STORAGE DIS

| CANAL                              |  | NO. | JULY |   |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|------------------------------------|--|-----|------|---|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
|                                    |  |     | 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  | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9  | 10 |
| TRAIL CREEK IRRIGATION CO.         |  | 1   |      |   |   | 39  | 39  | 27  | 16  | 8   | 7   | 25  | 8   | 7   | 0   | 0   | 0   | 0   | 0   | 0  | 64  | 47  | 47  | 47  | 47  | 45  | 31  | 31  | 36  | 36  | 36  | 37  | 37  | 37  | 37  | 36 |    |
| STRING CANAL                       |  | 2   |      |   |   | 29  | 29  | 24  | 24  | 19  | 19  | 19  | 16  | 16  | 16  | 16  | 11  | 11  | 11  | 13 | 9   | 7   | 7   | 8   | 8   | 8   | 8   | 5   | 1   | 1   | 7   | 7   | 7   | 7   | 7   | 4  |    |
| FOX CREEK                          |  | 3   |      |   |   | 12  | 5   | 0   |     |     | 0   | 12  | 0   |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| DARRY CREEK                        |  | 4   |      |   |   | 10  | 3   | 0   |     |     | 0   | 19  | 0   |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| GRAND TETON                        |  | 5   |      |   |   | 146 | 102 | 62  | 8   | 8   | 5   | 0   |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| SOUTH LEIGH & CACHE                |  | 6   |      |   |   | 30  | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5  | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5  |    |
| NORTH LEIGH & SPRING CREEK         |  | 7   |      |   |   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5  | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5  |    |
| TOTAL IN TETON BASIN               |  | 8   |      |   |   | 271 | 188 | 123 | 58  | 45  | 41  | 85  | 34  | 33  | 26  | 26  | 21  | 21  | 21  | 23 | 83  | 64  | 64  | 65  | 65  | 63  | 49  | 46  | 47  | 47  | 53  | 54  | 54  | 54  | 54  | 50 |    |
| EQUIVALENT AT ST. ANTHONY GAGE (2) |  | 9   |      |   |   |     | 167 | 116 | 76  | 36  | 28  | 25  | 52  | 21  | 20  | 16  | 16  | 13  | 13  | 13 | 14  | 51  | 39  | 39  | 40  | 40  | 39  | 30  | 28  | 29  | 29  | 33  | 33  | 33  | 33  | 33 |    |
| CANYON CREEK CANAL                 |  | 10  |      |   |   |     |     |     |     | 16  | 16  | 15  | 15  | 13  | 13  | 13  | 16  | 13  | 12  | 11 | 10  | 10  | 10  | 10  | 10  | 10  | 9   | 8   | 8   | 7   | 8   | 8   | 9   | 8   | 7   |    |    |
| TOTAL ABOVE ST. ANTHONY            |  | 11  |      |   |   |     | 167 | 116 | 76  | 52  | 44  | 40  | 67  | 34  | 33  | 29  | 34  | 26  | 25  | 24 | 24  | 61  | 49  | 49  | 50  | 50  | 49  | 39  | 36  | 37  | 36  | 41  | 41  | 42  | 41  | 40 |    |
| CROSS CUT INFLOW                   |  | 12  |      |   |   |     | 70  | 136 | 0   | 146 | 5   | 178 | 170 | 164 | 157 | 172 | 123 | 100 | 35  | 41 | 43  | 49  | 66  | 105 | 107 | 105 | 103 | 98  | 107 | 101 | 96  | 101 | 114 | 103 | 100 | 98 |    |
| SIDDOWAY                           |  | 13  |      |   |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| WILFORD                            |  | 14  |      |   |   |     |     |     |     | 0   | 9   | 17  | 0   |     |     |     |     |     |     | 0  | 18  | 15  | 14  | 14  | 14  | 11  | 6   | 11  | 5   | 10  | 0   | 21  | 13  | 8   | 6   |    |    |
| TETON IRRIGATION                   |  | 15  |      |   |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| GOOD LUCK                          |  | 16  |      |   |   |     |     |     |     |     | 0   | 4   | 4   | 0   | 0   | 0   | 4   | 3   | 4   | 3  | 2   | 1   | 1   | 7   | 5   | 0   | 3   | 4   | 3   | 3   | 6   | 7   | 7   | 7   | 3   |    |    |
| PIONEER                            |  | 17  |      |   |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 0  | 1   | 1   | 2   | 3   | 2   | 0   | 0   | 2   | 3   | 1   | 2   | 1   | 1   | 0   | 1   |    |    |
| STEWART                            |  | 18  |      |   |   |     |     |     |     |     |     |     | 0   | 7   | 6   | 3   | 0   |     |     | 0  | 1   | 1   | 3   | 3   | 3   | 2   | 1   | 0   |     |     |     |     |     |     |     |    |    |
| GARDNER                            |  | 19  |      |   |   |     |     | 0   | 5   | 5   | 5   | 5   | 6   | 5   | 0   |     |     | 0   | 5   | 5  | 0   |     |     |     |     | 0   | 6   | 5   | 0   | 0   | 6   | 5   | 5   | 0   |     |    |    |
| EAMES - THOMPSON                   |  | 20  |      |   |   |     |     | 0   | 4   | 4   | 4   | 4   | 4   | 4   | 5   | 5   | 5   | 0   | 0   | 3  | 3   | 0   | 0   | 0   | 4   | 4   | 0   | 0   |     |     |     |     |     |     |     |    |    |
| PINCOCK - BYINGTON                 |  | 21  |      |   |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| PINCOCK - GARNER                   |  | 22  |      |   |   |     |     |     | 0   | 2   | 0   | 0   | 2   | 5   | 11  | 10  | 6   | 6   | 8   | 10 | 10  | 10  | 10  | 10  | 10  | 9   | 12  | 12  | 12  | 9   | 7   | 4   | 4   | 6   | 5   | 4  |    |
| TETON ISLAND FEEDER                |  | 23  |      |   |   |     |     |     | 0   | 30  | 40  | 44  | 0   |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| ROKANA                             |  | 24  |      |   |   |     |     |     | 0   | 11  | 2   | 11  | 13  | 13  | 0   | 0   | 6   | 3   | 2   | 7  | 4   | 6   | 11  | 8   | 0   |     |     |     |     |     |     |     |     |     |     |    |    |
| WOODMANSEE - JOHNSON               |  | 25  |      |   |   |     |     |     | 0   | 17  | 17  | 19  | 20  | 20  | 16  | 16  | 0   | 5   | 1   | 2  | 0   | 0   | 8   | 4   | 1   | 1   | 0   |     |     |     |     |     |     |     |     |    |    |
| ISLAND WARD                        |  | 26  |      |   |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| CITY OF REXBURG                    |  | 27  |      |   |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| REXBURG IRRIGATION                 |  | 28  |      |   |   |     |     | 0   | 25  | 22  | 59  | 51  | 69  | 76  | 68  | 71  | 68  | 73  | 37  | 4  | 52  | 35  | 35  | 60  | 55  | 60  | 76  | 63  | 61  | 41  | 35  | 35  | 48  | 51  | 37  |    |    |
| MC CORMICK - ROWE                  |  | 29  |      |   |   |     |     | 0   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 0   | 1   | 2   | 1   | 2   | 1   | 2   | 1   |    |    |
| BIGLER SLOUGH                      |  | 30  |      |   |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| TOTAL BELOW ST. ANTHONY GAGE       |  | 31  |      |   |   |     |     | 0   | 34  | 32  | 138 | 141 | 158 | 129 | 118 | 107 | 99  | 89  | 64  | 39 | 112 | 90  | 96  | 121 | 105 | 88  | 107 | 101 | 85  | 80  | 70  | 85  | 101 | 96  | 6   |    |    |
| TOTAL TETON RIVER                  |  | 32  |      |   |   |     |     | 167 | 116 | 110 | 84  | 182 | 181 | 225 | 163 | 151 | 136 | 133 | 115 | 89 | 63  | 136 | 151 | 145 | 170 | 155 | 138 | 156 | 140 | 121 | 117 | 106 | 150 | 142 | 138 |    |    |



# AGE DIVERSIONS FROM TETON RIVER 1954

24 HOUR SECOND-FOOT EXCEPT AS NOTED

AUGUST

SEPTE

| 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 | 1   | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11  | 12  | 13  | 14  | 15  |    |    |
|-----|-----|-----|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|----|----|
| 37  | 37  | 37  | 36 | 36  | 32  | 32  | 32 | 36 | 36 | 36 | 31 | 31 | 31 | 24 | 24 | 24 | 28 | 28 | 28 | 25 | 22 | 48 | 46 | 48 | 48 | 46  | 49 | 49 | 48 | 48 | 45 | 45 | 45 | 45 | 45 | 45  | 45  | 45  | 45  | 0   |    |    |
| 7   | 7   | 7   | 4  | 4   | 1   | 1   | 1  | 1  | 1  | 1  | 0  |    |    |    |    |    |    |    |    |    | 25 | 22 | 48 | 46 | 48 | 48  | 46 | 49 | 49 | 48 | 48 | 45 | 45 | 45 | 45 | 45  | 45  | 45  | 45  | 0   |    |    |
|     |     |     |    |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0  | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24  | 24  | 24  | 24  | 24  | 0  |    |
| 5   | 5   | 5   | 5  | 5   | 5   | 5   | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5   | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5   | 5   | 5   | 5   | 0   |    |    |
| 5   | 5   | 5   | 5  | 5   | 5   | 5   | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 1   | 0  |    |    |    |    |    |    |    |    |     |     |     |     |     |    |    |
| 54  | 54  | 54  | 50 | 50  | 43  | 43  | 43 | 47 | 47 | 47 | 41 | 41 | 41 | 34 | 34 | 34 | 38 | 38 | 38 | 35 | 32 | 58 | 56 | 56 | 56 | 52  | 78 | 78 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74  | 74  | 74  | 74  | 74  | 0  |    |
| 33  | 33  | 33  | 33 | 31  | 31  | 27  | 27 | 26 | 29 | 29 | 29 | 25 | 25 | 25 | 21 | 21 | 21 | 22 | 22 | 22 | 22 | 20 | 36 | 34 | 34 | 34  | 34 | 32 | 48 | 48 | 46 | 46 | 46 | 46 | 46 | 46  | 46  | 46  | 46  | 46  | 46 | 0  |
| 8   | 9   | 8   | 7  | 7   | 7   | 7   | 8  | 8  | 7  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 8  | 6  | 6  | 6  | 5  | 5  | 5  | 5  | 5  | 5   | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5   | 5   | 5   | 5   | 5   | 7  |    |
| 41  | 42  | 41  | 40 | 38  | 38  | 34  | 38 | 34 | 36 | 35 | 35 | 31 | 31 | 31 | 27 | 29 | 27 | 28 | 28 | 27 | 27 | 25 | 41 | 39 | 39 | 39  | 37 | 53 | 53 | 52 | 52 | 52 | 52 | 52 | 52 | 52  | 52  | 52  | 52  | 52  | 6  | 7  |
| 114 | 103 | 100 | 98 | 136 | 127 | 125 | 88 | 88 | 86 | 86 | 73 | 31 | 26 | 24 | 4  | 0  |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |     |     |     |     |    |    |
|     |     |     |    |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |     |     |     |     |    |    |
| 13  | 8   | 6   | 2  | 4   | 4   | 5   | 4  | 5  | 6  | 5  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |     |     |     |     |    |    |
| 7   | 7   | 3   | 4  | 4   | 4   | 7   | 1  | 1  | 2  | 2  | 1  | 0  |    |    |    |    | 0  | 3  | 2  | 0  |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |     |     |     |     |    |    |
| 1   | 0   | 1   | 1  | 0   |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |     |     |     |     |    |    |
| 5   | 0   |     |    |     |     |     |    | 0  | 6  | 6  | 6  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |     |     |     |     |    |    |
| 3   | 3   | 3   | 3  | 3   | 5   | 5   | 4  | 4  | 4  | 4  | 4  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 0  | 10 | 10 | 10 | 9  | 8  | 8  | 7   | 7  | 3  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5   | 0   | 0   | 1   | 0   |    |    |
| 6   | 5   | 4   | 3  | 2   | 3   | 3   | 7  | 9  | 7  | 0  | 3  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 1  | 2  | 2  | 2  | 2  | 2  | 8  | 7   | 0  | 43 | 26 | 26 | 0  | 0  | 6  | 0  | 8  | 16  | 8   | 16  | 50  | 46  | 38 | 36 |
| 1   | 4   | 8   | 8  | 0   |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |     |     |     |     |    |    |
| 15  | 15  | 0   | 0  | 9   | 0   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |     |     |     |     |    |    |
| 46  | 51  | 37  | 28 | 22  | 27  | 19  | 5  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |     |     |     |     |    |    |
| 2   | 2   | 2   | 1  | 2   | 1   | 0   | 1  | 1  | 1  | 1  | 1  | 1  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |     |     |     |     |    |    |
| 2   | 1   | 2   | 1  | 2   | 1   | 2   | 1  | 2  | 1  | 2  | 1  | 2  | 1  | 2  | 1  | 2  | 1  | 2  | 1  | 2  | 1  | 2  | 1  | 2  | 1  | 2   | 1  | 2  | 1  | 2  | 1  | 2  | 1  | 2  | 1  | 2   | 1   | 2   | 1   | 2   |    |    |
| 01  | 96  | 66  | 51 | 48  | 49  | 45  | 27 | 32 | 31 | 24 | 14 | 12 | 10 | 10 | 8  | 9  | 11 | 20 | 20 | 44 | 39 | 36 | 65 | 74 | 72 | 105 | 72 | 96 | 65 | 21 | 63 | 63 | 68 | 96 | 96 | 100 | 138 | 151 | 131 | 131 |    |    |
| 42  | 138 | 107 | 91 | 86  | 87  | 79  | 62 | 66 | 67 | 59 | 49 | 43 | 41 | 41 | 35 | 38 | 38 | 48 | 48 | 44 | 39 | 36 | 65 | 74 | 72 | 105 | 72 | 96 | 65 | 21 | 63 | 63 | 68 | 96 | 96 | 100 | 138 | 151 | 131 | 131 |    |    |

1

2

RENTED FROM FREMONT MADISON DISTRICT  
1 DAY LATER THAN LINE 8, DIVIDED BY 1.625

① RENTED FROM FREMONT MADISON DISTRICT  
② 1 DAY LATER THAN LINE 8, DIVIDED BY 1.625



AGE DIVERSIONS FROM TETON RIVER 1954

24 HOUR SECOND-FEET EXCEPT AS NOTED

AUGUST

[illegible]

RENTED FROM FREMONT MADISON DISTRICT  
1 DAY LATER THAN LINE 8, DIVIDED BY 1.625



# MBER

| 16  | 17  | 18  | 19 | 20 | 21 | 22  | 23 | 24  | 25 | 26 | 27 | 28 | 29 | 30 | NO. | TOTAL           |               | RESERVOIR ALLOTMENTS IN ACRE-FEET |         |           |                |                        |
|-----|-----|-----|----|----|----|-----|----|-----|----|----|----|----|----|----|-----|-----------------|---------------|-----------------------------------|---------|-----------|----------------|------------------------|
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    |     | SECOND-<br>FEET | ACRE-<br>FEET | FREMONT<br>MADISON                | RENTALS | TRANSFERS | TOTAL<br>RIGHT | HEADGATE<br>EQUIVALENT |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 1   | 2,089           | 4,144         | 3,144                             |         |           | 3,144          | 4,470                  |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 2   | 648             | 1,285         | 1,299                             |         |           | 1,299          | 1,850                  |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 3   | 29              | 57            |                                   | ① 40    |           | 40             | 57                     |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 4   | 32              | 64            |                                   | ① 44    |           | 44             | 64                     |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 5   | 331             | 657           | 880                               |         |           | 880            | 1,250                  |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 6   | 350             | 694           | 1,027                             |         |           | 1,027          | 1,460                  |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 7   | 266             | 527           | 372                               |         |           | 372            | 527                    |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 8   | 3,745           | 7,428         | 6,722                             | 84      |           | 6,806          | 9,678                  |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 9   | 2,310           | 4,582         |                                   |         |           |                |                        |
| 7   | 7   | 7   | 7  | 7  | 7  | 7   | 7  | 7   | 7  | 7  | 7  | 7  | 7  | 7  | 10  | 625             | 1,240         | 1,567                             |         |           | 1,567          | 1,371                  |
| 7   | 7   | 7   | 7  | 7  | 7  | 7   | 7  | 7   | 7  | 7  | 7  | 7  | 7  | 7  | 11  | 2,935           | 5,822         | 8,289                             | 84      |           | 8,373          | 11,049                 |
| 139 | 144 | 98  | 94 | 92 | 92 | 94  | 94 | 96  | 52 | 52 | 52 | 5  | 0  |    | 12  | 5,926           | 11,754        |                                   |         |           |                |                        |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 13  | 0               | 0             | 485                               |         |           | 485            | 426                    |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 14  | 227             | 450           | 2,118                             |         |           | 2,118          | 1,853                  |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 15  | 0               | 0             | 1,371                             |         | ③ -106    | 1,265          | 1,110                  |
| 3   | 0   |     |    |    |    |     |    |     |    |    |    |    |    |    | 16  | 125             | 248           | 334                               |         |           | 334            | 292                    |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 17  | 21              | 42            | 151                               |         |           | 151            | 132                    |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 18  | 30              | 60            | 461                               |         |           | 461            | 403                    |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 19  | 93              | 184           | 152                               |         |           | 152            | 133                    |
|     | 0   | 3   | 3  | 3  | 3  | 3   | 0  |     |    |    |    |    |    |    | 20  | 114             | 226           | 150                               |         | ④ 46      | 196            | 171                    |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 21  | 173             | 343           | 310                               |         |           | 310            | 272                    |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 22  | 262             | 520           | 497                               | ① 105   |           | 602            | 529                    |
| 91  | 91  | 78  | 57 | 45 | 74 | 82  | 82 | 87  | 0  |    |    |    |    |    | 23  | 1,238           | 2,455         | 9,064                             |         |           | 9,064          | 7,959                  |
| 6   | 16  | 7   | 6  | 5  | 7  | 2   | 0  |     |    |    |    |    |    |    | 24  | 234             | 464           | 699                               |         |           | 699            | 614                    |
| 7   | 6   | 6   | 6  | 6  | 6  | 4   | 6  | 6   | 0  |    |    |    |    |    | 25  | 238             | 472           | 1,415                             |         |           | 1,415          | 1,242                  |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 26  | 249             | 494           | 3,690                             |         |           | 3,690          | 3,238                  |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 27  | 0               | 0             | 0                                 |         |           | 0              | 0                      |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 28  | 1,725           | 3,421         | 4,404                             |         |           | 4,404          | 3,865                  |
| 6   | 13  | 0   | 9  | 18 | 0  |     |    |     |    |    |    |    |    |    | 29  | 44              | 87            | 103                               |         |           | 103            | 91                     |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 30  | 35              | 69            | 20                                |         | ④ 60      | 80             | 70                     |
|     |     |     |    |    |    |     |    |     |    |    |    |    |    |    | 31  | 4,808           | 9,535         | 25,424                            | 105     |           | 25,529         | 22,400                 |
| 113 | 126 | 94  | 81 | 77 | 90 | 93  | 90 | 93  | 0  |    |    |    |    |    | 32  | 7,743           | 15,367        | 33,713                            | 189     |           | 33,902         | 33,449                 |
| 120 | 133 | 101 | 88 | 84 | 97 | 100 | 97 | 100 | 7  | 7  | 7  | 7  | 7  | 7  |     |                 |               |                                   |         |           |                |                        |

③

46 A.F. TO EAMES-THOMPSON; 60 A.F. TO BIGLER SLOUGH

④

FROM TETON IRRIGATION



### LOCATION

### LOCATION

JULYAUGUST

SEPTEMBER

TOTAL INTO TETON RIVER 6,908 S.F. = 13,700 A.F.



② SUPPLIED AT TIMES THRU DITCHES OTHER THAN TONKS



## 1954

24 HOUR SECOND-FEET

JULY

AUGUST



|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

SEPTEMBER

|    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|
| 74 |    | 68 |    | 70 |     | 68 |    | 68 |    | 68 |    | 62 |    |    |    |    |    |
|    | 18 |    | 18 | 18 | 17  |    | 17 |    | 17 |    | 17 | 15 |    |    |    |    |    |
|    | 31 |    | 30 | 30 | 30  |    | 28 |    | 28 |    | 28 | 27 |    |    |    |    |    |
|    | 11 |    | 11 | 10 |     |    | 10 |    | 10 |    | 9  | 9  |    |    |    |    |    |
|    | 6  |    | 6  | 8  |     |    | 6  |    | 6  |    | 5  | 5  |    |    |    |    |    |
|    | 15 |    | 15 | 15 |     |    | 15 |    | 15 |    | 13 | 12 |    |    |    |    |    |
|    | 10 |    | 10 | 8  |     |    | 9  |    | 9  |    | 9  | 8  |    |    |    |    |    |
|    | 5  |    | 5  | 5  |     |    | 5  |    | 5  |    | 5  | 5  |    |    |    |    |    |
|    | 14 |    | 14 | 12 |     |    | 12 |    | 12 |    | 12 | 12 |    |    |    |    |    |
| 6  |    |    | 6  | 6  |     |    | 6  |    | 6  |    |    |    |    |    |    |    |    |
|    | 17 |    |    | 17 |     |    | 17 |    | 17 |    |    | 15 |    |    |    |    |    |
|    | 8  |    |    | 9  |     |    | 8  |    |    | 8  | 8  |    |    |    |    |    |    |
|    | 8  |    |    | 7  |     |    | 7  |    | 7  |    | 7  | 3  |    |    |    |    |    |
|    | 2  |    | 1  |    |     |    | 2  |    | 2  |    | 2  | 2  |    |    |    |    |    |
|    | 23 |    | 21 | 21 |     |    | 18 |    |    | 18 |    |    |    |    |    |    |    |
|    | 20 |    | 20 | 18 |     |    | 16 |    |    | 16 | 16 | 14 |    |    |    |    |    |
| 2  | 0  |    | 0  | 2  |     |    | 2  |    |    | 0  |    | 2  |    |    |    |    |    |
|    | 47 |    | 43 |    | -42 |    | 37 |    |    | 34 |    |    |    |    |    |    |    |
|    | 6  |    | 6  |    | 6   |    | 4  |    |    | 4  |    |    |    |    |    |    |    |
|    | 10 |    | 11 | 11 |     |    | 10 |    | 8  |    | 7  | 7  |    |    |    |    |    |
|    | 8  |    | 7  | 7  |     |    | 5  |    | 4  |    | 4  | 4  |    |    |    |    |    |
|    | 4  |    | 4  | 4  |     |    | 4  |    | 3  |    | 3  | 3  |    |    |    |    |    |
|    | 4  |    | 3  | 3  |     |    | 2  |    | 2  |    | 2  | 2  |    |    |    |    |    |
|    | 26 |    | 25 | 25 |     |    | 21 |    | 17 |    | 16 | 16 |    |    |    |    |    |
| 29 | 26 | 23 | 23 | 23 | 19  | 19 | 18 | 17 | 16 | 14 | 16 | 15 | 14 | 14 | 14 | 14 | 14 |

The image shows a blue grid with yellow numbers. The numbers are arranged in a grid-like fashion, with some numbers appearing in multiple columns. The grid is tilted slightly to the right. The numbers are yellow and vary in size and orientation. Some numbers are written vertically, some horizontally, and some are written in a way that suggests they are part of a larger sequence or pattern. The grid lines are thin and light blue.

|           |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 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 | 26 | 27 | 28 | 29 | 30 |

[illegible]



| Year | Jan.   | Feb.   | Mar.   | Apr.   | May    | June   | July   | Aug.   | Sept.  |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1    | 232840 | 27540  | 304180 | 342530 | 372960 | 402740 | 452370 | 708790 | 853640 |
| 2    | 233450 | 278590 | 305660 | 343400 | 373410 | 403410 | 454610 | 711000 | 853120 |
| 3    | 233860 | 255230 | 306730 | 344480 | 373850 | 403860 | 457710 | 713950 | 853380 |
| 4    | 234260 | 255860 | 307810 | 345130 | 374740 | 404530 | 459420 | 713950 | 853380 |
| 5    | 234880 | 256680 | 309950 | 346000 | 375400 | 405870 | 462390 | 716400 | 853380 |
| 6    | 235490 | 257300 | 310810 | 346870 | 376070 | 406990 | 466280 | 719100 | 852610 |
| 7    | 236300 | 258750 | 311240 | 347520 | 376950 | 408330 | 472010 | 721070 | 853120 |
| 8    | 237120 | 259160 | 311670 | 348170 | 377400 | 409000 | 478200 | 721810 | 852610 |
| 9    | 237730 | 259990 | 312530 | 349260 | 379390 | 410120 | 485320 | 725270 | 850820 |
| 10   | 238140 | 260400 | 313170 | 350140 | 381820 | 411010 | 493620 | 729470 | 849530 |
| 11   | 238750 | 261020 | 313600 | 351230 | 383150 | 411680 | 504930 | 734910 | 848510 |
| 12   | 239570 | 261850 | 314240 | 352330 | 384260 | 412350 | 517700 | 738120 | 847000 |
| 1    | 240180 | 262470 | 314670 | 354080 | 385150 | 413250 | 529560 | 745050 | 844680 |
| 2    | 240590 | 263500 | 315320 | 356280 | 385810 | 415040 | 541490 | 752510 | 840860 |
| 3    | 241200 | 264340 | 318540 | 357590 | 386260 | 416390 | 552250 | 760730 | 837560 |
| 4    | 242220 | 264970 | 321970 | 358690 | 387140 | 417290 | 566150 | 770690 | 833990 |
| 5    | 243040 | 265810 | 322830 | 359780 | 387800 | 417970 | 580780 | 782720 | 830940 |
| 6    | 243450 | 266450 | 323690 | 360660 | 388910 | 419540 | 596440 | 791250 | 830180 |
| 7    | 244480 | 266860 | 324540 | 361320 | 389580 | 421330 | 612890 | 799550 | 824070 |
| 8    | 244900 | 267280 | 325190 | 362420 | 390680 | 424060 | 626280 | 808390 | 819250 |
| 9    | 245930 | 267690 | 325620 | 363510 | 391350 | 425180 | 642630 | 818750 | 816220 |
| 10   | 246340 | 268530 | 327120 | 364830 | 392010 | 426310 | 664140 | 831960 | 811960 |
| 11   | 246760 | 271050 | 329510 | 365920 | 392460 | 427890 | 679940 | 842140 | 815210 |
| 12   | 247590 | 271880 | 330590 | 366580 | 393570 | 429700 | 689440 | 850050 | 809150 |
| 1    | 248210 | 272300 | 332330 | 367680 | 394690 | 431720 | 692620 | 851070 | 851070 |
| 2    | 249030 | 273140 | 332980 | 369210 | 395360 | 434430 | 698970 | 851580 | 851580 |
| 3    | 249860 | 274400 | 334280 | 370970 | 397370 | 436690 | 703390 | 853380 | 853380 |
| 4    | 250480 | 275440 | 337100 | 372080 | 398490 | 441180 | 704370 | 853640 | 853640 |
| 5    | 251100 | 276070 | 340360 | —      | 400280 | 446680 | 705840 | 853380 | 853380 |
| 6    | 251930 | 276700 | 341880 | —      | 400950 | 449640 | 706830 | 853380 | 853380 |
| 7    | 252550 | 276700 | 341880 | —      | 401400 | 449640 | 707320 | 853380 | 853380 |

Y EAR  
OR  
P ERIOD  
M EAN  
A GRI-REKT







| Year | Mean   | Acme-First |
|------|--------|------------|
| 1960 | 1.559  | 1.559      |
| 1961 | 1.380  | 1.380      |
| 1962 | 1.145  | 1.145      |
| 1963 | 1.105  | 1.105      |
| 1964 | 1.095  | 1.095      |
| 1965 | 1.198  | 1.198      |
| 1966 | 2.504  | 2.504      |
| 1967 | 10.980 | 10.980     |
| 1968 | 11.180 | 11.180     |
| 1969 | 11.620 | 11.620     |
| 1970 | 7.534  | 7.534      |
| 1971 | 5.823  | 5.823      |

| Year | Mean   | Acme-First |
|------|--------|------------|
| 1960 | 1.559  | 1.559      |
| 1961 | 1.380  | 1.380      |
| 1962 | 1.145  | 1.145      |
| 1963 | 1.105  | 1.105      |
| 1964 | 1.095  | 1.095      |
| 1965 | 1.198  | 1.198      |
| 1966 | 2.504  | 2.504      |
| 1967 | 10.980 | 10.980     |
| 1968 | 11.180 | 11.180     |
| 1969 | 11.620 | 11.620     |
| 1970 | 7.534  | 7.534      |
| 1971 | 5.823  | 5.823      |



YEAR  
OR  
PERIOD  
Agriculture  
Mean  
625  
452,130

| Year | 1920   | 1921   | 1922   | 1923   | 1924   | 1925   | 1926   | 1927    | 1928   | 1929   | 1930   |
|------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| Mean | 280    | 250    | 212    | 212    | 204    | 217    | 650    | 2,242   | 1,521  | 898    | 444    |
| Year | 17,220 | 14,890 | 13,020 | 13,040 | 11,310 | 13,350 | 38,680 | 137,800 | 90,530 | 55,220 | 27,270 |
| Year | 17,220 | 14,890 | 13,020 | 13,040 | 11,310 | 13,350 | 38,680 | 137,800 | 90,530 | 55,220 | 27,270 |

| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 1    | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 2    | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 3    | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 4    | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 5    | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 6    | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 7    | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 8    | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 9    | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 10   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 11   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 12   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 13   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 14   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 15   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 16   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 17   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 18   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 19   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 20   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 21   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 22   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 23   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 24   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 25   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 26   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 27   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 28   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 29   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 30   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |
| 31   | 269  | 269  | 266  | 263  | 255  | 258  | 258  | 255  | 255  | 255  | 252  |



1997  
 1998  
 1999

ALMA  
ALMA-MA MATER

002\*877  
009

| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |      |

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|------|------|------|------|------|-----|------|------|------|-------|
| 1    | 530  | 465  | 417  | 413  | 410 | 1060 | 745  | 690  | 574   |
| 2    | 530  | 465  | 413  | 410  | 410 | 967  | 737  | 682  | 574   |
| 3    | 530  | 465  | 403  | 415  | 432 | 899  | 698  | 682  | 574   |
| 4    | 530  | 465  | 428  | 432  | 480 | 924  | 690  | 602  | 581   |
| 5    | 530  | 461  | 424  | 424  | 424 | 1040 | 652  | 623  | 588   |
| 6    | 530  | 461  | 428  | 400  | 410 | 1200 | 675  | 623  | 574   |
| 7    | 530  | 461  | 417  | 406  | 436 | 1330 | 729  | 609  | 616   |
| 8    | 530  | 461  | 413  | 436  | 461 | 1390 | 729  | 609  | 609   |
| 9    | 530  | 464  | 432  | 461  | 413 | 1390 | 675  | 602  | 602   |
| 10   | 530  | 558  | 456  | 413  | 465 | 1490 | 801  | 602  | 602   |
| 11   | 530  | 553  | 447  | 424  | 465 | 1520 | 817  | 595  | 609   |
| 12   | 530  | 548  | 452  | 424  | 447 | 1450 | 809  | 609  | 602   |
| 13   | 530  | 548  | 456  | 428  | 436 | 1380 | 793  | 616  | 595   |
| 14   | 530  | 548  | 456  | 428  | 436 | 1230 | 841  | 623  | 595   |
| 15   | 530  | 542  | 456  | 421  | 428 | 1170 | 809  | 630  | 588   |
| 16   | 530  | 542  | 452  | 421  | 428 | 1130 | 857  | 630  | 581   |
| 17   | 530  | 548  | 452  | 424  | 432 | 1090 | 849  | 616  | 581   |
| 18   | 530  | 548  | 452  | 428  | 432 | 1020 | 841  | 602  | 574   |
| 19   | 530  | 542  | 421  | 417  | 424 | 849  | 769  | 574  | 567   |
| 20   | 530  | 527  | 417  | 421  | 428 | 908  | 721  | 581  | 567   |
| 21   | 530  | 517  | 428  | 421  | 421 | 1040 | 753  | 567  | 574   |
| 22   | 530  | 512  | 456  | 417  | 417 | 1230 | 761  | 595  | 574   |
| 23   | 530  | 474  | 447  | 417  | 417 | 1040 | 675  | 588  | 574   |
| 24   | 530  | 478  | 447  | 417  | 413 | 984  | 660  | 581  | 574   |
| 25   | 530  | 469  | 443  | 413  | 421 | 882  | 645  | 595  | 588   |
| 26   | 530  | 469  | 443  | 417  | 410 | 841  | 638  | 588  | 588   |
| 27   | 530  | 469  | 447  | 447  | 413 | 825  | 623  | 574  | 581   |
| 28   | 558  | 469  | 447  | 447  | 421 | 785  | 609  | 574  | 574   |
| 29   | 564  | 465  | 447  | 447  | 413 | 761  | 602  | 574  | 574   |
| 30   | 564  | 465  | 447  | 447  | 410 | 737  | 602  | 574  | 574   |
| 31   | 558  | 465  | 447  | 447  | 410 | 737  | 602  | 574  | 574   |











YEAR OR PERIOD  
MEAN  
ACRE-PRODUCT  
54,630  
75.5

| MEAN | ACRE-PRODUCT | YEAR OR PERIOD | MEAN | ACRE-PRODUCT |
|------|--------------|----------------|------|--------------|
| 39.0 | 2,400        | 1,970          | 206  | 12,230       |
| 32.5 | 1,970        | 1,730          | 123  | 7,570        |
| 28.2 | 1,570        | 1,470          | 65.3 | 4,020        |
| 25.6 | 1,470        | 1,380          | 46.8 | 2,780        |
| 22.5 | 1,380        | 2,660          |      |              |
| 14.7 | 2,660        | 14,880         |      |              |
| 24.2 | 14,880       |                |      |              |

| Year | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|------|------|------|------|------|------|------|------|-----|------|------|------|-------|
| 1    | 44   | 44   | 35   | 33   | 25   | 28   | 22   | 74  | 161  | 199  | 84   | 69    |
| 2    | 44   | 44   | 35   | 32   | 25   | 28   | 21   | 67  | 146  | 189  | 79   | 52    |
| 3    | 44   | 44   | 35   | 32   | 25   | 28   | 20   | 68  | 148  | 182  | 74   | 50    |
| 4    | 44   | 44   | 34   | 30   | 25   | 28   | 22   | 88  | 165  | 176  | 71   | 53    |
| 5    | 43   | 35   | 35   | 28   | 25   | 28   | 22   | 121 | 184  | 170  | 75   | 54    |
| 6    | 41   | 36   | 36   | 28   | 25   | 28   | 23   | 161 | 174  | 165  | 74   | 49    |
| 7    | 40   | 34   | 34   | 28   | 25   | 27   | 24   | 174 | 163  | 155  | 74   | 49    |
| 8    | 40   | 34   | 34   | 30   | 25   | 27   | 26   | 182 | 161  | 148  | 65   | 48    |
| 9    | 40   | 34   | 30   | 30   | 25   | 26   | 28   | 231 | 167  | 138  | 64   | 47    |
| 10   | 40   | 34   | 25   | 25   | 25   | 26   | 24   | 275 | 178  | 128  | 68   | 46    |
| 11   | 40   | 33   | 23   | 25   | 25   | 28   | 22   | 271 | 186  | 121  | 74   | 46    |
| 12   | 40   | 33   | 25   | 25   | 25   | 27   | 22   | 259 | 178  | 120  | 73   | 47    |
| 13   | 40   | 33   | 28   | 25   | 25   | 27   | 21   | 263 | 182  | 115  | 70   | 48    |
| 14   | 39   | 33   | 25   | 25   | 26   | 26   | 22   | 269 | 182  | 113  | 70   | 48    |
| 15   | 39   | 34   | 19   | 32   | 26   | 26   | 22   | 279 | 186  | 112  | 69   | 48    |
| 16   | 39   | 33   | 32   | 25   | 26   | 26   | 22   | 296 | 220  | 109  | 67   | 48    |
| 17   | 37   | 33   | 34   | 25   | 26   | 26   | 22   | 325 | 205  | 107  | 65   | 47    |
| 18   | 37   | 33   | 35   | 25   | 26   | 26   | 22   | 325 | 197  | 107  | 64   | 47    |
| 19   | 37   | 26   | 33   | 25   | 26   | 26   | 23   | 353 | 201  | 107  | 63   | 47    |
| 20   | 37   | 25   | 32   | 25   | 26   | 21   | 22   | 402 | 251  | 107  | 62   | 46    |
| 21   | 39   | 26   | 32   | 25   | 26   | 26   | 22   | 395 | 261  | 103  | 62   | 45    |
| 22   | 37   | 28   | 29   | 26   | 26   | 26   | 22   | 355 | 273  | 100  | 59   | 44    |
| 23   | 37   | 32   | 28   | 26   | 26   | 26   | 22   | 322 | 277  | 98   | 57   | 44    |
| 24   | 38   | 34   | 27   | 26   | 26   | 26   | 22   | 309 | 265  | 97   | 56   | 44    |
| 25   | 37   | 33   | 26   | 25   | 26   | 22   | 22   | 283 | 277  | 95   | 56   | 44    |
| 26   | 37   | 33   | 25   | 25   | 26   | 22   | 22   | 239 | 286  | 94   | 55   | 42    |
| 27   | 37   | 33   | 25   | 25   | 26   | 22   | 23   | 205 | 251  | 91   | 54   | 41    |
| 28   | 36   | 36   | 25   | 25   | 26   | 22   | 22   | 184 | 216  | 90   | 54   | 42    |
| 29   | 36   | 36   | 25   | 25   | 26   | 22   | 22   | 172 | 201  | 88   | 53   | 42    |
| 30   | 36   | 36   | 25   | 25   | 26   | 22   | 22   | 155 | 172  | 85   | 52   | 42    |



| MEAN | ACRE-  |
|------|--------|
| 27.0 | 1,660  |
| 22.5 | 1,370  |
| 18.1 | 1,110  |
| 17.5 | 1,080  |
| 17.8 | 988    |
| 25.9 | 1,590  |
| 16.3 | 8,530  |
| 263  | 16,160 |
| 141  | 8,380  |
| 69.3 | 4,260  |
| 41.8 | 2,570  |
| 33.1 | 1,970  |

[illegible]











| Year | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1901 | 65000 | 70600 | 70800 | 72100 | 76200 | 81300 | 79600 | 73900 | 68100 |
| 1902 | 65000 | 67500 |       |       |       |       |       |       |       |
| 1903 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1904 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1905 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1906 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1907 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1908 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1909 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1910 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1911 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1912 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1913 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1914 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1915 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1916 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1917 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1918 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1919 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1920 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1921 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1922 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1923 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1924 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1925 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1926 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1927 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1928 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1929 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1930 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |
| 1931 | 65000 | 66700 | 68800 | 70500 | 71700 | 72800 | 74500 | 79500 | 80500 |



# THE YEAR

NEW 3500

YOUNG & RUBICAM

28.013

1986

| Year | Mean | Agave | Root  |
|------|------|-------|-------|
| 1970 | 12.5 | 770   | 770   |
| 1971 | 13.0 | 776   | 819   |
| 1972 | 16.3 | 1,000 | 1,090 |
| 1973 | 19.6 | 1,290 | 1,270 |
| 1974 | 21.0 | 1,090 | 1,090 |
| 1975 | 21.3 | 1,270 | 1,270 |
| 1976 | 17.8 | 1,090 | 1,090 |
| 1977 | 75.2 | 1,480 | 1,480 |
| 1978 | 110  | 6,770 | 6,770 |
| 1979 | 85.9 | 5,280 | 5,280 |
| 1980 | 56.8 | 3,380 | 3,380 |

[illegible]



| Year | Jan.  | Feb.  | Mar.  | Apr.  | May    | June   | July   | Aug.   | Sept.  |
|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 1    | 33970 | 33995 | 48950 | 66460 | 94585  | 118115 | 132710 | 136665 | 135125 |
| 2    | 34045 | 34020 | 49810 | 67645 | 95435  | 118785 | 120140 | 136175 | 135125 |
| 3    | 34045 | 34070 | 50960 | 68255 | 96290  | 119460 | 120140 | 136095 | 135125 |
| 4    | 34095 | 34095 | 51930 | 69025 | 97145  | 120140 | 120140 | 135610 | 135125 |
| 5    | 34170 | 34095 | 52845 | 70115 | 98160  | 120820 | 120820 | 135365 | 135125 |
| 6    | 34170 | 34195 | 53770 | 70905 | 98875  | 121500 | 121500 | 135330 | 135125 |
| 7    | 34170 | 34195 | 54715 | 71860 | 99615  | 122185 | 122185 | 135935 | 135125 |
| 8    | 34095 | 34170 | 55595 | 72770 | 100355 | 122870 | 122870 | 136260 | 135125 |
| 9    | 34095 | 34145 | 56520 | 73695 | 101300 | 124010 | 124010 | 136260 | 135125 |
| 10   | 34095 | 34120 | 57380 | 74520 | 102185 | 124780 | 124780 | 136260 | 135125 |
| 11   | 34045 | 34145 | 58210 | 75350 | 103005 | 126020 | 126020 | 136420 | 135125 |
| 12   | 34045 | 34145 | 58385 | 76190 | 103835 | 126875 | 126875 | 136420 | 135125 |
| 13   | 34020 | 34145 | 58475 | 77090 | 105010 | 127575 | 127575 | 136420 | 135125 |
| 14   | 34020 | 34145 | 58740 | 78115 | 106055 | 128360 | 128360 | 136420 | 135125 |
| 15   | 34045 | 34145 | 59230 | 78975 | 106825 | 129065 | 129065 | 136340 | 135125 |
| 16   | 34095 | 35050 | 59630 | 79845 | 107670 | 129850 | 129850 | 136340 | 135125 |
| 17   | 34170 | 35960 | 59945 | 80720 | 108375 | 130405 | 130405 | 136340 | 135125 |
| 18   | 34170 | 37030 | 60355 | 81605 | 109155 | 131035 | 131035 | 136420 | 135125 |
| 19   | 34170 | 37960 | 60900 | 82555 | 109940 | 131355 | 131355 | 136665 | 135125 |
| 20   | 34145 | 38765 | 61640 | 83390 | 110800 | 131670 | 131670 | 136340 | 135125 |
| 21   | 34120 | 39705 | 61920 | 84235 | 111735 | 132150 | 132150 | 136500 | 135125 |
| 22   | 34095 | 40740 | 62290 | 85080 | 112600 | 132470 | 132470 | 137230 | 135125 |
| 23   | 34070 | 41825 | 62525 | 86360 | 113550 | 132470 | 132470 | 137230 | 135125 |
| 24   | 34070 | 42845 | 62855 | 87470 | 114135 | 132550 | 132550 | 136665 | 135125 |
| 25   | 34070 | 43665 | 63185 | 88280 | 114865 | 132550 | 132550 | 136500 | 135125 |
| 26   | 34070 | 44600 | 63565 | 89030 | 115670 | 132550 | 132550 | 136420 | 135125 |
| 27   | 34045 | 45350 | 64000 | 89785 | 116410 | 132630 | 132630 | 136340 | 135125 |
| 28   | 34020 | 46320 | 64335 | 90730 | 117220 | 132630 | 132630 | 135530 | 135125 |
| 29   | 34020 | 47240 | 64725 | 92065 | —      | 132630 | 132630 | 135450 | 135125 |
| 30   | 33970 | 48070 | 65110 | 92900 | —      | 132710 | 132710 | 135205 | 135125 |
| 31   | 33970 | 48070 | 65550 | 93740 | —      | 132710 | 132710 | 135125 | 135125 |

| Year | Jan.  | Feb.  | Mar.  | Apr.  | May    | June   | July   | Aug.   | Sept.  |
|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 1    | 33970 | 33995 | 48950 | 66460 | 94585  | 118115 | 132710 | 136665 | 135125 |
| 2    | 34045 | 34020 | 49810 | 67645 | 95435  | 118785 | 120140 | 136175 | 135125 |
| 3    | 34045 | 34070 | 50960 | 68255 | 96290  | 119460 | 120140 | 136095 | 135125 |
| 4    | 34095 | 34095 | 51930 | 69025 | 97145  | 120140 | 120140 | 135610 | 135125 |
| 5    | 34170 | 34095 | 52845 | 70115 | 98160  | 120820 | 120820 | 135365 | 135125 |
| 6    | 34170 | 34195 | 53770 | 70905 | 98875  | 121500 | 121500 | 135330 | 135125 |
| 7    | 34170 | 34195 | 54715 | 71860 | 99615  | 122185 | 122185 | 135935 | 135125 |
| 8    | 34095 | 34170 | 55595 | 72770 | 100355 | 122870 | 122870 | 136260 | 135125 |
| 9    | 34095 | 34145 | 56520 | 73695 | 101300 | 124010 | 124010 | 136260 | 135125 |
| 10   | 34095 | 34120 | 57380 | 74520 | 102185 | 124780 | 124780 | 136260 | 135125 |
| 11   | 34045 | 34145 | 58210 | 75350 | 103005 | 126020 | 126020 | 136420 | 135125 |
| 12   | 34045 | 34145 | 58385 | 76190 | 103835 | 126875 | 126875 | 136420 | 135125 |
| 13   | 34020 | 34145 | 58475 | 77090 | 105010 | 127575 | 127575 | 136420 | 135125 |
| 14   | 34020 | 34145 | 58740 | 78115 | 106055 | 128360 | 128360 | 136420 | 135125 |
| 15   | 34045 | 34145 | 59230 | 78975 | 106825 | 129065 | 129065 | 136340 | 135125 |
| 16   | 34095 | 35050 | 59630 | 79845 | 107670 | 129850 | 129850 | 136340 | 135125 |
| 17   | 34170 | 35960 | 59945 | 80720 | 108375 | 130405 | 130405 | 136340 | 135125 |
| 18   | 34170 | 37030 | 60355 | 81605 | 109155 | 131035 | 131035 | 136420 | 135125 |
| 19   | 34170 | 37960 | 60900 | 82555 | 109940 | 131355 | 131355 | 136665 | 135125 |
| 20   | 34145 | 38765 | 61640 | 83390 | 110800 | 131670 | 131670 | 136340 | 135125 |
| 21   | 34120 | 39705 | 61920 | 84235 | 111735 | 132150 | 132150 | 136500 | 135125 |
| 22   | 34095 | 40740 | 62290 | 85080 | 112600 | 132470 | 132470 | 137230 | 135125 |
| 23   | 34070 | 41825 | 62525 | 86360 | 113550 | 132470 | 132470 | 137230 | 135125 |
| 24   | 34070 | 42845 | 62855 | 87470 | 114135 | 132550 | 132550 | 136665 | 135125 |
| 25   | 34070 | 43665 | 63185 | 88280 | 114865 | 132550 | 132550 | 136500 | 135125 |
| 26   | 34070 | 44600 | 63565 | 89030 | 115670 | 132550 | 132550 | 136420 | 135125 |
| 27   | 34045 | 45350 | 64000 | 89785 | 116410 | 132630 | 132630 | 136340 | 135125 |
| 28   | 34020 | 46320 | 64335 | 90730 | 117220 | 132630 | 132630 | 135530 | 135125 |
| 29   | 34020 | 47240 | 64725 | 92065 | —      | 132630 | 132630 | 135450 | 135125 |
| 30   | 33970 | 48070 | 65110 | 92900 | —      | 132710 | 132710 | 135205 | 135125 |
| 31   | 33970 | 48070 | 65550 | 93740 | —      | 132710 | 132710 | 135125 | 135125 |

Year  
or  
Month  
Mean  
Area-Feet



| Year | Mean  | Year | Mean  |
|------|-------|------|-------|
| 1950 | 1.131 | 1950 | 1.050 |
| 1951 | 1.056 | 1951 | 1.056 |
| 1952 | 1.056 | 1952 | 1.056 |
| 1953 | 1.056 | 1953 | 1.056 |
| 1954 | 1.056 | 1954 | 1.056 |
| 1955 | 1.056 | 1955 | 1.056 |
| 1956 | 1.056 | 1956 | 1.056 |
| 1957 | 1.056 | 1957 | 1.056 |
| 1958 | 1.056 | 1958 | 1.056 |
| 1959 | 1.056 | 1959 | 1.056 |
| 1960 | 1.056 | 1960 | 1.056 |
| 1961 | 1.056 | 1961 | 1.056 |
| 1962 | 1.056 | 1962 | 1.056 |
| 1963 | 1.056 | 1963 | 1.056 |
| 1964 | 1.056 | 1964 | 1.056 |
| 1965 | 1.056 | 1965 | 1.056 |
| 1966 | 1.056 | 1966 | 1.056 |
| 1967 | 1.056 | 1967 | 1.056 |
| 1968 | 1.056 | 1968 | 1.056 |
| 1969 | 1.056 | 1969 | 1.056 |
| 1970 | 1.056 | 1970 | 1.056 |
| 1971 | 1.056 | 1971 | 1.056 |
| 1972 | 1.056 | 1972 | 1.056 |
| 1973 | 1.056 | 1973 | 1.056 |
| 1974 | 1.056 | 1974 | 1.056 |
| 1975 | 1.056 | 1975 | 1.056 |
| 1976 | 1.056 | 1976 | 1.056 |
| 1977 | 1.056 | 1977 | 1.056 |
| 1978 | 1.056 | 1978 | 1.056 |
| 1979 | 1.056 | 1979 | 1.056 |
| 1980 | 1.056 | 1980 | 1.056 |
| 1981 | 1.056 | 1981 | 1.056 |
| 1982 | 1.056 | 1982 | 1.056 |
| 1983 | 1.056 | 1983 | 1.056 |
| 1984 | 1.056 | 1984 | 1.056 |
| 1985 | 1.056 | 1985 | 1.056 |
| 1986 | 1.056 | 1986 | 1.056 |
| 1987 | 1.056 | 1987 | 1.056 |
| 1988 | 1.056 | 1988 | 1.056 |
| 1989 | 1.056 | 1989 | 1.056 |
| 1990 | 1.056 | 1990 | 1.056 |
| 1991 | 1.056 | 1991 | 1.056 |
| 1992 | 1.056 | 1992 | 1.056 |
| 1993 | 1.056 | 1993 | 1.056 |
| 1994 | 1.056 | 1994 | 1.056 |
| 1995 | 1.056 | 1995 | 1.056 |
| 1996 | 1.056 | 1996 | 1.056 |
| 1997 | 1.056 | 1997 | 1.056 |
| 1998 | 1.056 | 1998 | 1.056 |
| 1999 | 1.056 | 1999 | 1.056 |
| 2000 | 1.056 | 2000 | 1.056 |
| 2001 | 1.056 | 2001 | 1.056 |
| 2002 | 1.056 | 2002 | 1.056 |
| 2003 | 1.056 | 2003 | 1.056 |
| 2004 | 1.056 | 2004 | 1.056 |
| 2005 | 1.056 | 2005 | 1.056 |
| 2006 | 1.056 | 2006 | 1.056 |
| 2007 | 1.056 | 2007 | 1.056 |
| 2008 | 1.056 | 2008 | 1.056 |
| 2009 | 1.056 | 2009 | 1.056 |
| 2010 | 1.056 | 2010 | 1.056 |
| 2011 | 1.056 | 2011 | 1.056 |
| 2012 | 1.056 | 2012 | 1.056 |
| 2013 | 1.056 | 2013 | 1.056 |
| 2014 | 1.056 | 2014 | 1.056 |
| 2015 | 1.056 | 2015 | 1.056 |
| 2016 | 1.056 | 2016 | 1.056 |
| 2017 | 1.056 | 2017 | 1.056 |
| 2018 | 1.056 | 2018 | 1.056 |
| 2019 | 1.056 | 2019 | 1.056 |
| 2020 | 1.056 | 2020 | 1.056 |
| 2021 | 1.056 | 2021 | 1.056 |
| 2022 | 1.056 | 2022 | 1.056 |
| 2023 | 1.056 | 2023 | 1.056 |
| 2024 | 1.056 | 2024 | 1.056 |
| 2025 | 1.056 | 2025 | 1.056 |
| 2026 | 1.056 | 2026 | 1.056 |
| 2027 | 1.056 | 2027 | 1.056 |
| 2028 | 1.056 | 2028 | 1.056 |
| 2029 | 1.056 | 2029 | 1.056 |
| 2030 | 1.056 | 2030 | 1.056 |
| 2031 | 1.056 | 2031 | 1.056 |
| 2032 | 1.056 | 2032 | 1.056 |

|    | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sep. |
|----|------|------|------|------|------|------|------|------|------|
| 1  | 528  | 516  | 516  | 516  | 900  | 748  | 797  | 1610 | 1220 |
| 2  | 516  | 543  | 11   | 382  | 865  | 733  | 772  | 1500 | 1380 |
| 3  | 516  | 543  | 11   | 382  | 816  | 875  | 753  | 1500 | 1410 |
| 4  | 516  | 543  | 11   | 382  | 816  | 875  | 753  | 1500 | 1340 |
| 5  | 524  | 548  | 11   | 391  | 811  | 1060 | 748  | 1890 | 1240 |
| 6  | 528  | 538  | 11   | 404  | 836  | 997  | 762  | 1640 | 1250 |
| 7  | 528  | 538  | 11   | 427  | 890  | 811  | 758  | 1270 | 1090 |
| 8  | 524  | 538  | 11   | 427  | 915  | 481  | 748  | 1060 | 1320 |
| 9  | 519  | 538  | 11   | 432  | 910  | 528  | 718  | 1270 | 995  |
| 10 | 524  | 538  | 11   | 436  | 925  | 596  | 699  | 1270 | 1220 |
| 11 | 524  | 538  | 13   | 436  | 940  | 669  | 664  | 1260 | 1230 |
| 12 | 528  | 538  | 13   | 436  | 950  | 723  | 645  | 1200 | 1230 |
| 13 | 524  | 538  | 13   | 445  | 945  | 743  | 860  | 1120 | 1230 |
| 14 | 524  | 538  | 13   | 500  | 960  | 787  | 1190 | 1140 | 1220 |
| 15 | 524  | 261  | 13   | 509  | 920  | 841  | 1160 | 1140 | 1220 |
| 16 | 524  | 261  | 13   | 524  | 915  | 940  | 1000 | 1120 | 1200 |
| 17 | 524  | 261  | 13   | 543  | 925  | 945  | 971  | 1020 | 1160 |
| 18 | 524  | 261  | 13   | 567  | 940  | 945  | 1150 | 1020 | 1040 |
| 19 | 528  | 261  | 13   | 581  | 966  | 920  | 1210 | 1010 | 1040 |
| 20 | 528  | 261  | 14   | 596  | 976  | 905  | 1060 | 1010 | 1030 |
| 21 | 533  | 261  | 14   | 610  | 997  | 870  | 885  | 1010 | 1010 |
| 22 | 533  | 261  | 14   | 640  | 1080 | 860  | 885  | 1010 | 1010 |
| 23 | 543  | 261  | 14   | 753  | 1050 | 875  | 925  | 836  | 865  |
| 24 | 548  | 261  | 14   | 836  | 981  | 816  | 1170 | 718  | 792  |
| 25 | 548  | 261  | 14   | 890  | 966  | 836  | 1280 | 718  | 676  |
| 26 | 548  | 261  | 14   | 956  | 920  | 856  | 1570 | 713  | 620  |
| 27 | 548  | 261  | 14   | 1080 | 860  | 910  | 2070 | 713  | 533  |
| 28 | 543  | 261  | 14   | 1140 | 836  | 860  | 2130 | 748  | 519  |
| 29 | 548  | 261  | --   | 378  | 836  | 821  | 1890 | 851  | 519  |
| 30 | 543  | 261  | 14   | 382  | 792  | 821  | 1550 | 1090 |      |
| 31 | 543  | 261  | 14   | 382  | 792  | 821  | 1550 | 1090 |      |



Year  
Mean  
Acres-Feet  
1,002,590  
1,385

| Year  | Mean  | Acres-Feet |
|-------|-------|------------|
| 1,190 | 969   | 57,690     |
| 1,170 | 849   | 52,220     |
| 1,150 | 718   | 44,170     |
| 1,130 | 729   | 40,170     |
| 1,110 | 892   | 54,860     |
| 1,090 | 1,689 | 100,500    |
| 1,070 | 2,254 | 138,600    |
| 1,050 | 1,860 | 110,700    |
| 1,030 | 1,793 | 110,200    |
| 1,010 | 1,634 | 112,700    |
| 990   | 1,604 | 107,300    |

| Year  | Mean  | Acres-Feet |
|-------|-------|------------|
| 1,190 | 969   | 57,690     |
| 1,170 | 849   | 52,220     |
| 1,150 | 718   | 44,170     |
| 1,130 | 729   | 40,170     |
| 1,110 | 892   | 54,860     |
| 1,090 | 1,689 | 100,500    |
| 1,070 | 2,254 | 138,600    |
| 1,050 | 1,860 | 110,700    |
| 1,030 | 1,793 | 110,200    |
| 1,010 | 1,634 | 112,700    |
| 990   | 1,604 | 107,300    |







[illegible]

| Year | Month | Acres-Fert | Period |
|------|-------|------------|--------|
| 1909 |       | 585.310    |        |

585.310



YEAR  
OR  
PERIOD  
MEAN  
ACRE-FEET  
261,490

| Year | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | 1955 |
|------|------|------|------|------|------|------|------|------|-------|------|
| 1    | 1250 | 1310 | 1370 | 1780 | 2000 | 963  | 891  | 1169 | 292   | 195  |
| 2    | 855  | 690  | 1110 | 1070 | 1090 | 1110 | 1110 | 1110 | 203   | 195  |
| 3    | 1310 | 1370 | 1780 | 2000 | 963  | 891  | 1169 | 292  | 203   | 195  |
| 4    | 1780 | 2000 | 963  | 891  | 1169 | 292  | 203  | 195  | 203   | 195  |
| 5    | 2000 | 963  | 891  | 1169 | 292  | 203  | 195  | 203  | 203   | 195  |
| 6    | 2160 | 882  | 855  | 1050 | 754  | 135  | 135  | 135  | 185   | 192  |
| 7    | 2160 | 855  | 778  | 909  | 1350 | 135  | 135  | 135  | 185   | 192  |
| 8    | 2260 | 778  | 909  | 1350 | 135  | 135  | 135  | 135  | 185   | 192  |
| 9    | 2610 | 909  | 1350 | 135  | 135  | 135  | 135  | 135  | 185   | 192  |
| 10   | 2720 | 1350 | 135  | 135  | 135  | 135  | 135  | 135  | 185   | 192  |
| 11   | 2530 | 1410 | 1200 | 2440 | 2160 | 2090 | 1870 | 2140 | 1670  | 178  |
| 12   | 2440 | 1200 | 2440 | 2160 | 2090 | 1870 | 2140 | 1670 | 178   | 172  |
| 13   | 2160 | 1250 | 1350 | 2090 | 1870 | 2140 | 1670 | 178  | 172   | 168  |
| 14   | 2090 | 1350 | 1350 | 2090 | 1870 | 2140 | 1670 | 178  | 172   | 175  |
| 15   | 2090 | 1870 | 2140 | 1670 | 178  | 172  | 168  | 168  | 168   | 168  |
| 16   | 2120 | 2140 | 1670 | 178  | 172  | 168  | 168  | 168  | 168   | 168  |
| 17   | 2190 | 1670 | 178  | 172  | 168  | 168  | 168  | 168  | 168   | 168  |
| 18   | 2260 | 1360 | 370  | 346  | 206  | 192  | 181  | 181  | 181   | 181  |
| 19   | 2370 | 1300 | 346  | 206  | 192  | 181  | 181  | 181  | 181   | 181  |
| 20   | 2480 | 1400 | 337  | 233  | 292  | 296  | 296  | 296  | 296   | 296  |
| 21   | 3240 | 1470 | 296  | 233  | 292  | 296  | 296  | 296  | 296   | 296  |
| 22   | 2690 | 1540 | 257  | 245  | 288  | 288  | 288  | 288  | 288   | 288  |
| 23   | 2120 | 1730 | 2120 | 1820 | 1960 | 1670 | 1320 | 1000 | 909   | 778  |
| 24   | 1960 | 1820 | 1960 | 1670 | 1320 | 1000 | 909  | 778  | 778   | 778  |
| 25   | 1960 | 1820 | 1960 | 1670 | 1320 | 1000 | 909  | 778  | 778   | 778  |
| 26   | 1670 | 2170 | 2370 | 1720 | 1300 | 1300 | 1300 | 1300 | 1300  | 1300 |
| 27   | 1320 | 2370 | 1720 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300  | 1300 |
| 28   | 1000 | 1720 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300  | 1300 |
| 29   | 909  | 1720 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300  | 1300 |
| 30   | 778  | 1000 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300  | 1300 |
| 31   | 778  | 909  | 1000 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300  | 1300 |

|      |        |     |     |       |       |        |        |        |        |
|------|--------|-----|-----|-------|-------|--------|--------|--------|--------|
| 1955 | 11.770 | 206 | 567 | 1,350 | 1,981 | 80,360 | 34,890 | 12,670 | 11.770 |
|------|--------|-----|-----|-------|-------|--------|--------|--------|--------|



[illegible]



Mean —————  
Aver-Range

[illegible]



MEAN  
ACROSS TEXT

|   |   |      |     |     |        |        |       |   |   |
|---|---|------|-----|-----|--------|--------|-------|---|---|
| 0 | 0 | 56.5 | 169 | 410 | 16,280 | 10,060 | 3,480 | 0 | 0 |
|---|---|------|-----|-----|--------|--------|-------|---|---|

| Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. |
|------|------|------|------|-----|------|------|------|
|      |      |      |      |     | 18   | 378  |      |
|      |      |      |      |     | 16   | 220  |      |
|      |      |      |      |     | 14   | 190  |      |
|      |      |      |      |     | 86   | 160  |      |
|      |      |      |      |     | 72   | 136  |      |
|      |      |      |      |     | 11   | 90   |      |
|      |      |      |      |     | 11   | 72   |      |
|      |      |      |      |     | 11   | 58   |      |
|      |      |      |      |     | 16   | 32   |      |
|      |      |      |      |     | 7    | 32   |      |
|      |      |      |      |     | 6    | 32   |      |
|      |      |      |      |     | 13   | 20   |      |
|      |      |      |      |     | 18   | 18   |      |
|      |      |      |      |     | 72   | 18   |      |
|      |      |      |      |     | 110  | 11   |      |
|      |      |      |      |     | 72   | 11   |      |
|      |      |      |      |     | 37   | 11   |      |
|      |      |      |      |     | 79   | 10   |      |
|      |      |      |      |     | 98   | 10   |      |
|      |      |      |      |     | 150  | 0    |      |
|      |      |      |      |     | 312  | 0    |      |
|      |      |      |      |     | 378  | 0    |      |
|      |      |      |      |     | 470  | 0    |      |
|      |      |      |      |     | 500  | 0    |      |
|      |      |      |      |     | 520  | 0    |      |
|      |      |      |      |     | 570  | 0    |      |
|      |      |      |      |     | 570  | 0    |      |
|      |      |      |      |     | 570  | 0    |      |
|      |      |      |      |     | 90   | 0    |      |
|      |      |      |      |     | 58   | 0    |      |
|      |      |      |      |     | 44   | 0    |      |
|      |      |      |      |     | 34   | 0    |      |



[illegible]



| DAY | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr.  | May   | June  | July  | Aug. | Sept. |
|-----|------|------|------|------|------|------|-------|-------|-------|-------|------|-------|
| 1   | 4.53 | 4.53 | 4.30 | 3.75 | 4.16 | 3.84 | 3.50  | 8.39  | 8.88  | 11.00 | 8.06 | 5.50  |
| 2   | 4.58 | 4.53 | 4.30 | 3.80 | 4.02 | 3.54 | 3.71  | 7.73  | 9.09  | 13.60 | 8.06 | 5.45  |
| 3   | 4.58 | 4.72 | 4.16 | 3.85 | 3.76 | 3.45 | 3.76  | 6.95  | 8.60  | 13.10 | 7.99 | 5.45  |
| 4   | 4.58 | 4.63 | 4.25 | 3.85 | 3.76 | 3.45 | 4.77  | 6.35  | 8.25  | 12.90 | 7.92 | 5.50  |
| 5   | 4.63 | 4.63 | 3.84 | 3.90 | 3.71 | 3.46 | 6.77  | 6.65  | 9.93  | 12.80 | 8.06 | 5.84  |
| 6   | 4.63 | 4.77 | 3.84 | 3.85 | 3.67 | 3.58 | 8.06  | 8.46  | 11.80 | 12.70 | 8.67 | 5.72  |
| 7   | 4.58 | 4.72 | 3.80 | 3.80 | 3.63 | 3.76 | 7.54  | 10.50 | 11.90 | 12.10 | 8.39 | 5.78  |
| 8   | 4.53 | 4.48 | 3.30 | 3.71 | 3.54 | 3.76 | 7.34  | 11.40 | 11.40 | 11.60 | 8.06 | 6.24  |
| 9   | 4.58 | 4.44 | 3.70 | 3.63 | 3.50 | 4.25 | 7.47  | 12.80 | 10.60 | 11.30 | 7.86 | 6.18  |
| 10  | 4.53 | 4.39 | 3.80 | 3.50 | 3.41 | 6.53 | 6.89  | 17.10 | 10.60 | 10.70 | 7.99 | 6.12  |
| 11  | 4.53 | 4.48 | 3.90 | 3.41 | 6.41 | 6.53 | 19.40 | 12.50 | 10.40 | 10.40 | 7.99 | 6.24  |
| 12  | 4.53 | 4.44 | 3.95 | 3.60 | 3.54 | 5.50 | 19.20 | 12.90 | 10.80 | 8.06  | 7.80 | 6.65  |
| 13  | 4.58 | 4.44 | 4.00 | 3.75 | 3.63 | 4.72 | 6.71  | 12.10 | 9.51  | 7.80  | 7.99 | 6.71  |
| 14  | 4.58 | 4.48 | 4.07 | 3.55 | 3.94 | 4.67 | 6.77  | 12.10 | 9.86  | 7.80  | 7.99 | 6.77  |
| 15  | 4.63 | 4.39 | 4.16 | 3.26 | 3.76 | 4.30 | 8.06  | 18.30 | 12.20 | 10.40 | 7.80 | 6.65  |
| 16  | 4.87 | 4.34 | 3.94 | 2.86 | 3.67 | 4.25 | 6.35  | 20.00 | 13.40 | 11.10 | 7.47 | 6.59  |
| 17  | 4.77 | 4.30 | 3.94 | 3.54 | 3.71 | 4.39 | 6.06  | 21.70 | 15.40 | 11.00 | 7.14 | 6.35  |
| 18  | 4.67 | 4.30 | 3.84 | 3.67 | 3.80 | 4.44 | 6.12  | 21.20 | 13.60 | 10.80 | 6.77 | 6.06  |
| 19  | 4.58 | 3.84 | 4.16 | 3.67 | 3.58 | 4.16 | 6.12  | 21.30 | 12.00 | 10.60 | 6.65 | 6.06  |
| 20  | 4.48 | 3.98 | 4.12 | 3.50 | 3.58 | 4.02 | 5.84  | 21.80 | 11.60 | 10.80 | 6.53 | 6.01  |
| 21  | 4.48 | 4.39 | 4.02 | 3.55 | 3.80 | 4.16 | 5.56  | 22.20 | 12.00 | 10.50 | 6.35 | 6.01  |
| 22  | 4.53 | 4.30 | 4.07 | 3.60 | 4.02 | 4.02 | 5.50  | 27.90 | 13.20 | 9.79  | 6.53 | 5.95  |
| 23  | 4.58 | 4.34 | 3.71 | 3.71 | 3.67 | 3.98 | 5.89  | 25.50 | 13.70 | 8.81  | 6.47 | 6.01  |
| 24  | 4.72 | 4.39 | 3.60 | 3.58 | 4.02 | 4.02 | 6.53  | 18.90 | 16.50 | 8.67  | 6.35 | 6.06  |
| 25  | 4.77 | 4.25 | 3.60 | 3.50 | 4.02 | 3.89 | 6.71  | 16.20 | 17.60 | 8.46  | 6.24 | 5.78  |
| 26  | 4.77 | 4.20 | 3.55 | 3.67 | 4.02 | 3.84 | 8.06  | 15.20 | 17.40 | 8.39  | 6.12 | 5.56  |
| 27  | 4.53 | 4.53 | 3.50 | 3.76 | 3.76 | 3.76 | 8.32  | 13.60 | 20.60 | 8.67  | 6.06 | 5.45  |
| 28  | 4.53 | 4.53 | 3.55 | 3.67 | 3.76 | 3.76 | 8.88  | 11.60 | 21.90 | 8.81  | 5.89 | 5.03  |
| 29  | 4.58 | 4.39 | 3.60 | 3.67 | 3.80 | 3.80 | 10.50 | 10.50 | 19.60 | 8.60  | 5.78 | 4.87  |
| 30  | 4.67 | 4.30 | 3.65 | 3.89 | 3.76 | 3.76 | 9.58  | 9.58  | 15.60 | 8.60  | 5.78 | 4.92  |
| 31  | 4.48 | 4.48 | 3.70 | 4.02 | 3.67 | 3.67 | 9.02  | 9.02  | 15.60 | 8.32  | 5.67 |       |

|       |        |        |        |        |        |        |        |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Mean  | 4.60   | 4.62   | 3.87   | 3.65   | 3.71   | 4.16   | 6.71   | 1.538  | 1.323  | 1.057  | 7.18   | 35.210 |
| Range | 28.290 | 26.290 | 23.790 | 22.430 | 20.620 | 25.590 | 39.930 | 94.540 | 78.730 | 65.000 | 44.130 |        |

MEAN 4.60  
RANGE 28.290  
MEAN 4.62  
RANGE 26.290  
MEAN 3.87  
RANGE 23.790  
MEAN 3.65  
RANGE 22.430  
MEAN 3.71  
RANGE 20.620  
MEAN 4.16  
RANGE 25.590  
MEAN 6.71  
RANGE 39.930  
MEAN 1.538  
RANGE 94.540  
MEAN 1.323  
RANGE 78.730  
MEAN 1.057  
RANGE 65.000  
MEAN 7.18  
RANGE 44.130  
MEAN 35.210  
RANGE



| Day | Oct  | Nov  | Dec  | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|------|------|------|------|-------|
| 1   | 1320 | 1780 | 1560 | 1680 | 1570 | 1390 | 1470 | 3700 | 1190 | 3540 | 1360 | 1080  |
| 2   | 1260 | 1770 | 1590 | 1500 | 1610 | 1280 | 1490 | 3080 | 1240 | 3140 | 1220 | 1200  |
| 3   | 1320 | 1800 | 1520 | 1440 | 1570 | 1130 | 1480 | 2640 | 1050 | 2860 | 1220 | 1390  |
| 4   | 1290 | 1820 | 1460 | 1380 | 1470 | 1240 | 1470 | 2480 | 802  | 2480 | 1090 | 1390  |
| 5   | 1400 | 1930 | 1460 | 1420 | 1490 | 1300 | 1580 | 2470 | 715  | 2210 | 1130 | 1550  |
| 6   | 1440 | 1770 | 1400 | 1500 | 1490 | 1350 | 1750 | 2780 | 1100 | 2090 | 1420 | 1470  |
| 7   | 1440 | 1900 | 1470 | 1500 | 1470 | 1300 | 1890 | 3060 | 1360 | 1950 | 1610 | 1430  |
| 8   | 1470 | 1870 | 1420 | 1450 | 1440 | 1350 | 1780 | 3180 | 1440 | 1680 | 1440 | 1270  |
| 9   | 1440 | 1790 | 1420 | 1450 | 1440 | 1440 | 1750 | 3190 | 1210 | 1400 | 1200 | 1440  |
| 10  | 1390 | 1840 | 1450 | 1430 | 1440 | 1610 | 1770 | 3280 | 1280 | 1150 | 1170 | 1220  |
| 11  | 1380 | 1850 | 1490 | 1420 | 1430 | 1720 | 1810 | 3650 | 1860 | 938  | 1170 | 1310  |
| 12  | 1350 | 1840 | 1610 | 1380 | 1480 | 1630 | 1540 | 3860 | 2610 | 758  | 1140 | 1330  |
| 13  | 1340 | 1820 | 1670 | 1400 | 1560 | 1440 | 1680 | 3710 | 2710 | 660  | 1300 | 1330  |
| 14  | 1320 | 1830 | 1990 | 1450 | 1650 | 1400 | 1730 | 3600 | 2480 | 645  | 1260 | 1310  |
| 15  | 1330 | 1860 | 1790 | 1450 | 1600 | 1430 | 1980 | 3240 | 2440 | 1140 | 1310 | 1340  |
| 16  | 1370 | 1820 | 1740 | 1400 | 1540 | 1370 | 2050 | 3060 | 2530 | 1520 | 1320 | 1380  |
| 17  | 1720 | 1570 | 1730 | 1350 | 1540 | 1420 | 1860 | 3060 | 3160 | 1310 | 1240 | 1400  |
| 18  | 1710 | 1480 | 1700 | 1450 | 1560 | 1520 | 2060 | 2980 | 3040 | 1100 | 1160 | 1480  |
| 19  | 1500 | 1470 | 1710 | 1470 | 1540 | 1500 | 2970 | 2970 | 3040 | 1160 | 1110 | 1470  |
| 20  | 1520 | 1280 | 1800 | 1470 | 1400 | 1490 | 2040 | 3030 | 2380 | 1220 | 1140 | 1530  |
| 21  | 1090 | 1380 | 1800 | 1400 | 1540 | 1560 | 1890 | 3140 | 2060 | 1280 | 1270 | 1610  |
| 22  | 1430 | 1640 | 1690 | 1380 | 1540 | 1660 | 1910 | 3700 | 1670 | 944  | 1410 | 1620  |
| 23  | 1650 | 1720 | 1680 | 1500 | 1470 | 1580 | 2020 | 4820 | 1490 | 848  | 1520 | 1630  |
| 24  | 1720 | 1640 | 1610 | 1500 | 1500 | 1560 | 2350 | 4870 | 1500 | 726  | 1490 | 1600  |
| 25  | 1820 | 1630 | 1400 | 1420 | 1490 | 1580 | 2590 | 4100 | 1860 | 660  | 1390 | 1630  |
| 26  | 1830 | 1630 | 1510 | 1410 | 1470 | 1560 | 2640 | 3610 | 2320 | 695  | 1210 | 1620  |
| 27  | 1810 | 1610 | 1570 | 1480 | 1430 | 1530 | 2930 | 3310 | 3000 | 926  | 1140 | 1490  |
| 28  | 1780 | 1640 | 1650 | 1480 | 1430 | 1520 | 3050 | 2960 | 4000 | 1100 | 1120 | 1450  |
| 29  | 1750 | 1630 | 1680 | 1550 | 1550 | 1580 | 3860 | 2250 | 4730 | 1520 | 1060 | 1400  |
| 30  | 1750 | 1560 | 1680 | 1550 | 1550 | 1540 | 4270 | 1700 | 4330 | 1700 | 968  | 1410  |
| 31  | 1770 | 1770 | 1680 | 1570 | 1570 | 1670 | 1690 | 1690 | 1630 | 944  | 1630 | 1630  |

|        |         |        |        |        |        |         |         |         |        |        |        |       |
|--------|---------|--------|--------|--------|--------|---------|---------|---------|--------|--------|--------|-------|
| 1,430  | 1,597   | 1,706  | 1,617  | 1,659  | 1,502  | 1,466   | 2,094   | 3,193   | 2,170  | 1,448  | 1,244  | 1,430 |
| 92,650 | 101,500 | 99,430 | 89,730 | 83,420 | 90,150 | 124,600 | 196,300 | 129,100 | 89,060 | 76,490 | 85,090 | 1,430 |

Year  
 Mean  
 1,237  
 1,257,520



| Day | Oct  | Nov  | Dec  | Jan  | Feb  | Mar  | Apr   | May   | June  | July  | Aug  | Sept |
|-----|------|------|------|------|------|------|-------|-------|-------|-------|------|------|
| 1   | 2810 | 3370 | 3460 | 3350 | 3660 | 2760 | 2880  | 11700 | 8350  | 19900 | 5350 | 3500 |
| 2   | 2290 | 3480 | 3460 | 3300 | 3600 | 2790 | 3000  | 11200 | 8280  | 17600 | 5190 | 4000 |
| 3   | 1910 | 3440 | 3370 | 3150 | 3400 | 2680 | 2940  | 10000 | 7030  | 16600 | 5000 | 4270 |
| 4   | 1860 | 3370 | 3480 | 3400 | 3250 | 2650 | 2980  | 8500  | 7030  | 16600 | 5000 | 4270 |
| 5   | 1870 | 3450 | 3420 | 3230 | 3100 | 2650 | 2920  | 8500  | 5190  | 14500 | 4690 | 4410 |
| 6   | 2050 | 3490 | 3400 | 3350 | 3090 | 2720 | 2920  | 7600  | 4640  | 13900 | 4360 | 4440 |
| 7   | 2060 | 3570 | 3400 | 3350 | 3050 | 2770 | 3400  | 7300  | 6110  | 12200 | 5090 | 4580 |
| 8   | 2060 | 3660 | 3380 | 3400 | 3010 | 2740 | 4250  | 8840  | 9220  | 11000 | 3950 | 4100 |
| 9   | 2060 | 3620 | 3240 | 3350 | 3000 | 3000 | 4120  | 9150  | 8760  | 8110  | 5830 | 3800 |
| 10  | 2060 | 3550 | 3230 | 3200 | 2960 | 3210 | 4140  | 9900  | 8760  | 8010  | 5190 | 3520 |
| 11  | 1970 | 3620 | 3240 | 3050 | 2960 | 3750 | 4070  | 11200 | 9010  | 7730  | 4750 | 3480 |
| 12  | 1970 | 3660 | 2860 | 2900 | 2940 | 3970 | 4070  | 13300 | 10500 | 6770  | 4490 | 3640 |
| 13  | 2000 | 3590 | 3000 | 2950 | 3070 | 3660 | 3970  | 13200 | 10800 | 6770  | 4490 | 3730 |
| 14  | 2020 | 3620 | 3400 | 3000 | 3230 | 3420 | 4490  | 13000 | 9720  | 5150  | 5440 | 3870 |
| 15  | 1980 | 3640 | 3840 | 3100 | 3310 | 3350 | 4870  | 12500 | 7800  | 6020  | 4970 | 3750 |
| 16  | 2030 | 3660 | 3730 | 3150 | 3210 | 3330 | 5630  | 12500 | 7460  | 7560  | 4690 | 3420 |
| 17  | 2150 | 3570 | 3720 | 3050 | 3110 | 3270 | 5790  | 12900 | 8350  | 8210  | 4170 | 3050 |
| 18  | 2510 | 3440 | 3750 | 3000 | 3090 | 3480 | 6080  | 13800 | 9430  | 7700  | 3750 | 3110 |
| 19  | 2610 | 3290 | 3780 | 3050 | 3010 | 3400 | 7390  | 14300 | 8730  | 5670  | 3680 | 3310 |
| 20  | 2490 | 3310 | 3850 | 3050 | 3010 | 3400 | 7730  | 15100 | 7500  | 6800  | 3710 | 3520 |
| 21  | 2560 | 3110 | 3840 | 2950 | 2880 | 3400 | 7130  | 18400 | 6500  | 6700  | 4070 | 3370 |
| 22  | 2370 | 3190 | 3780 | 2880 | 3030 | 3480 | 7330  | 22200 | 5950  | 5410  | 4460 | 3230 |
| 23  | 2700 | 3550 | 3650 | 2850 | 3010 | 3500 | 6600  | 26100 | 6080  | 5950  | 4460 | 3030 |
| 24  | 3030 | 3710 | 3000 | 2900 | 2920 | 3310 | 6670  | 26400 | 7900  | 3710  | 4460 | 3110 |
| 25  | 3330 | 3730 | 2530 | 3100 | 2900 | 3250 | 7330  | 26400 | 7900  | 3000  | 4140 | 3210 |
| 26  | 3480 | 3570 | 2410 | 3100 | 2940 | 3190 | 8560  | 22600 | 12400 | 4380  | 3850 | 3210 |
| 27  | 3500 | 3550 | 2100 | 2900 | 2880 | 3190 | 8560  | 22600 | 16900 | 3570  | 3570 | 3270 |
| 28  | 3480 | 3480 | 2410 | 3100 | 2940 | 3190 | 8560  | 22600 | 16900 | 3570  | 3570 | 3270 |
| 29  | 3420 | 3440 | 1900 | 2960 | 2880 | 3030 | 9150  | 21400 | 20100 | 3350  | 3010 | 2700 |
| 30  | 3420 | 3640 | 2450 | 3330 | 2830 | 2960 | 9430  | 19300 | 23400 | 3310  | 2670 | 2650 |
| 31  | 3420 | 3570 | 2800 | 3520 | 2830 | 3110 | 10700 | 13000 | 26800 | 3350  | 2650 | 2650 |

|         |         |         |         |         |         |         |         |         |         |       |       |       |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-------|-------|
| 2,698   | 3,520   | 3,253   | 3,148   | 3,090   | 3,170   | 5,812   | 14,370  | 626,400 | 194,000 | 8,034 | 4,396 | 3,506 |
| 153,600 | 209,500 | 200,000 | 193,600 | 171,600 | 194,900 | 345,800 | 883,500 | 626,400 | 194,000 | 8,034 | 4,396 | 3,506 |
| 2,698   | 3,520   | 3,253   | 3,148   | 3,090   | 3,170   | 5,812   | 14,370  | 626,400 | 194,000 | 8,034 | 4,396 | 3,506 |

Year 5,459  
 3,951,800







| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr.  | May   | June | July  | Aug. | Sept. |
|-----|------|------|------|------|------|------|-------|-------|------|-------|------|-------|
| 1   | 1400 | 3370 | 3570 | 3380 | 3670 | 2880 | 2820  | 9790  | 6340 | 20900 | 1390 | 359   |
| 2   | 1410 | 3330 | 3520 | 3280 | 3640 | 2790 | 2790  | 8800  | 4720 | 15600 | 1550 | 492   |
| 3   | 1160 | 3440 | 3550 | 3300 | 3530 | 2820 | 2800  | 7010  | 4850 | 14300 | 1290 | 852   |
| 4   | 1050 | 3370 | 3470 | 3020 | 3320 | 2700 | 2730  | 5340  | 4850 | 15300 | 1290 | 852   |
| 5   | 904  | 3470 | 3470 | 3380 | 3150 | 2670 | 2630  | 4440  | 5340 | 12200 | 1300 | 1040  |
| 6   | 1080 | 3520 | 3400 | 3180 | 3090 | 2780 | 2780  | 4120  | 2290 | 10300 | 988  | 1740  |
| 7   | 1150 | 3660 | 3400 | 3320 | 3080 | 2790 | 2780  | 4120  | 2290 | 8800  | 1100 | 1880  |
| 8   | 1130 | 3660 | 3380 | 3320 | 3080 | 2790 | 2780  | 4120  | 2290 | 8800  | 1100 | 1880  |
| 9   | 1100 | 3550 | 3250 | 3430 | 3020 | 2840 | 3820  | 5150  | 4630 | 7500  | 1480 | 1810  |
| 10  | 1060 | 3300 | 3230 | 3200 | 3100 | 3850 | 3850  | 5300  | 5530 | 5780  | 1190 | 1430  |
| 11  | 1080 | 3550 | 3250 | 3140 | 3450 | 3850 | 3850  | 5510  | 5360 | 3950  | 2280 | 1000  |
| 12  | 1020 | 3710 | 2860 | 3040 | 3450 | 3900 | 6240  | 5210  | 5360 | 3750  | 1660 | 1200  |
| 13  | 896  | 3720 | 2960 | 2850 | 3820 | 3900 | 8150  | 7220  | 3750 | 3320  | 1360 | 1280  |
| 14  | 864  | 3690 | 3350 | 2940 | 3560 | 3800 | 9100  | 8210  | 2680 | 3320  | 1360 | 1280  |
| 15  | 1880 | 3550 | 3830 | 3040 | 3270 | 3980 | 8910  | 7920  | 2020 | 2040  | 1510 | 1610  |
| 16  | 968  | 3540 | 3720 | 3320 | 3400 | 4310 | 8690  | 5400  | 2020 | 2250  | 2040 | 1610  |
| 17  | 1200 | 3520 | 3710 | 3200 | 3340 | 4540 | 8370  | 4380  | 2780 | 2080  | 1650 | 1770  |
| 18  | 1450 | 3420 | 3900 | 3060 | 3260 | 4920 | 9340  | 4620  | 3930 | 1580  | 1380 | 1240  |
| 19  | 2090 | 3200 | 3810 | 3100 | 3300 | 5660 | 9990  | 6080  | 2850 | 1180  | 1240 | 1500  |
| 20  | 2260 | 3200 | 3830 | 3020 | 3340 | 6620 | 10300 | 4960  | 2000 | 852   | 1500 | 1830  |
| 21  | 2350 | 3180 | 3780 | 3020 | 3270 | 6290 | 12300 | 3900  | 3160 | 884   | 1840 | 1830  |
| 22  | 2520 | 3150 | 3640 | 2960 | 3320 | 5700 | 16800 | 2660  | 2610 | 884   | 1840 | 1830  |
| 23  | 2680 | 3350 | 2800 | 3030 | 3350 | 5700 | 20100 | 2200  | 2610 | 884   | 1840 | 1830  |
| 24  | 3130 | 3590 | 2990 | 3140 | 3350 | 5340 | 23100 | 2200  | 2610 | 884   | 1840 | 1830  |
| 25  | 3370 | 3710 | 2520 | 3180 | 3270 | 5470 | 23100 | 2510  | 2610 | 884   | 1840 | 1830  |
| 26  | 3540 | 3600 | 2100 | 3100 | 3090 | 6010 | 22300 | 5210  | 2610 | 884   | 1840 | 1830  |
| 27  | 3600 | 3540 | 2100 | 2920 | 3040 | 6590 | 20600 | 10700 | 2610 | 884   | 1840 | 1830  |
| 28  | 3550 | 3520 | 2900 | 2900 | 2970 | 6700 | 19200 | 14400 | 2610 | 884   | 1840 | 1830  |
| 29  | 3420 | 3590 | 2760 | 3140 | 2980 | 7630 | 15000 | 22100 | 2610 | 884   | 1840 | 1830  |
| 30  | 3420 | 3590 | 2760 | 3140 | 2980 | 7630 | 15000 | 22100 | 2610 | 884   | 1840 | 1830  |
| 31  | 3400 | 3570 | 2740 | 3120 | 2960 | 7600 | 14800 | 21900 | 2590 | 882   | 1820 | 1810  |

Year

Month

Year-Demo

2,915,710

4,022

1,446

1,907

3,488

3,255

3,133

3,158

3,126

4,787

10,830

7,048

4,773

1,317

86,030

Plot No. 52

प्लॉट नं. १०१४

1. The first step is to identify the problem.



For the year ending December 31, 1953

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|-----|------|------|------|-------|
| 1   | 98   | 236  | 306  | 302  | 283  | 316  | 347  | 330 | 60   | 80   | 44   | 42    |
| 2   | 98   | 236  | 306  | 302  | 277  | 302  | 347  | 299 | 64   | 83   | 44   | 38    |
| 3   | 99   | 236  | 306  | 306  | 277  | 274  | 354  | 262 | 59   | 66   | 43   | 36    |
| 4   | 101  | 234  | 309  | 296  | 274  | 299  | 354  | 236 | 52   | 64   | 44   | 39    |
| 5   | 105  | 223  | 309  | 277  | 265  | 299  | 365  | 212 | 52   | 68   | 42   | 38    |
| 6   | 107  | 231  | 306  | 277  | 268  | 302  | 386  | 190 | 60   | 71   | 44   | 39    |
| 7   | 108  | 242  | 306  | 280  | 265  | 309  | 383  | 176 | 64   | 64   | 44   | 47    |
| 8   | 114  | 242  | 304  | 280  | 259  | 322  | 376  | 140 | 65   | 58   | 46   | 50    |
| 9   | 137  | 242  | 302  | 280  | 262  | 376  | 376  | 137 | 68   | 33   | 41   | 50    |
| 10  | 127  | 245  | 302  | 274  | 259  | 368  | 122  | 71  | 71   | 28   | 38   | 50    |
| 11  | 112  | 245  | 299  | 268  | 262  | 493  | 365  | 131 | 75   | 28   | 42   | 51    |
| 12  | 107  | 250  | 289  | 268  | 444  | 368  | 120  | 67  | 77   | 28   | 42   | 51    |
| 13  | 112  | 248  | 289  | 274  | 299  | 379  | 379  | 105 | 77   | 29   | 44   | 56    |
| 14  | 114  | 239  | 289  | 274  | 379  | 397  | 72   | 96  | 72   | 28   | 43   | 56    |
| 15  | 116  | 228  | 289  | 277  | 404  | 408  | 68   | 77  | 68   | 30   | 50   | 59    |
| 16  | 127  | 228  | 293  | 277  | 379  | 404  | 67   | 77  | 77   | 34   | 50   | 61    |
| 17  | 142  | 228  | 296  | 277  | 379  | 408  | 81   | 60  | 81   | 22   | 60   | 55    |
| 18  | 142  | 234  | 293  | 277  | 365  | 422  | 68   | 55  | 68   | 28   | 56   | 55    |
| 19  | 142  | 265  | 296  | 270  | 340  | 426  | 65   | 51  | 65   | 24   | 60   | 64    |
| 20  | 151  | 283  | 309  | 322  | 306  | 419  | 63   | 50  | 63   | 41   | 42   | 64    |
| 21  | 160  | 283  | 312  | 268  | 319  | 401  | 51   | 70  | 51   | 36   | 46   | 78    |
| 22  | 173  | 293  | 293  | 280  | 336  | 386  | 48   | 110 | 48   | 37   | 50   | 84    |
| 23  | 200  | 299  | 275  | 280  | 361  | 394  | 50   | 80  | 50   | 37   | 55   | 89    |
| 24  | 212  | 322  | 265  | 270  | 372  | 401  | 40   | 70  | 40   | 38   | 47   | 80    |
| 25  | 239  | 330  | 270  | 255  | 368  | 344  | 35   | 61  | 35   | 42   | 47   | 77    |
| 26  | 236  | 322  | 260  | 260  | 358  | 344  | 42   | 55  | 42   | 33   | 42   | 80    |
| 27  | 234  | 322  | 260  | 283  | 358  | 330  | 59   | 58  | 59   | 38   | 41   | 86    |
| 28  | 225  | 316  | 270  | 289  | 376  | 347  | 91   | 52  | 58   | 59   | 41   | 80    |
| 29  | 225  | 309  | 260  | 293  | 386  | 426  | 89   | 58  | 55   | 54   | 43   | 80    |
| 30  | 236  | 306  | 265  | 289  | 379  | 394  | 59   | 59  | 50   | 50   | 43   | 80    |

|       |        |        |        |        |        |        |       |       |       |       |       |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 153   | 264    | 292    | 278    | 313    | 367    | 382    | 119   | 63.8  | 44.9  | 45.7  | 60.8  |
| 9,390 | 15,700 | 17,950 | 17,070 | 17,400 | 22,560 | 22,730 | 7,290 | 3,790 | 2,760 | 2,810 | 3,620 |
| 198   | 198    | 198    | 198    | 198    | 198    | 198    | 198   | 198   | 198   | 198   | 198   |

Year on Farm  
Mean  
Acres-Per  
198  
143,070



| Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. |
|------|------|------|------|------|------|------|------|------|------|------|-------|
| 4.86 | 64.3 | 974  | 1206 | 1412 | 1583 | 1696 | 1705 | 1685 | 1687 | 1352 | 875   |
| 4.82 | 654  | 984  | 1211 | 1419 | 1589 | 1704 | 1708 | 1685 | 1707 | 1338 | 858   |
| 4.82 | 666  | 995  | 1218 | 1426 | 1589 | 1702 | 1710 | 1679 | 1717 | 1317 | 852   |
| 4.82 | 678  | 1002 | 1227 | 1433 | 1591 | 1708 | 1708 | 1668 | 1719 | 1303 | 827   |
| 4.79 | 689  | 1010 | 1233 | 1438 | 1595 | 1697 | 1702 | 1653 | 1718 | 1287 | 810   |
| 4.78 | 697  | 1021 | 1239 | 1444 | 1599 | 1694 | 1697 | 1639 | 1718 | 1269 | 800   |
| 4.79 | 712  | 1033 | 1245 | 1451 | 1602 | 1701 | 1691 | 1629 | 1715 | 1252 | 787   |
| 4.82 | 725  | 1043 | 1251 | 1460 | 1609 | 1701 | 1685 | 1628 | 1712 | 1237 | 773   |
| 4.85 | 737  | 1049 | 1257 | 1466 | 1616 | 1693 | 1678 | 1625 | 1704 | 1220 | 763   |
| 4.87 | 748  | 1056 | 1265 | 1471 | 1618 | 1695 | 1668 | 1621 | 1696 | 1206 | 751   |
| 4.86 | 760  | 1063 | 1274 | 1477 | 1620 | 1694 | 1665 | 1619 | 1684 | 1193 | 739   |
| 4.91 | 772  | 1068 | 1280 | 1482 | 1631 | 1693 | 1659 | 1620 | 1672 | 1179 | 728   |
| 4.95 | 784  | 1077 | 1285 | 1488 | 1637 | 1692 | 1657 | 1619 | 1659 | 1162 | 720   |
| 4.98 | 794  | 1088 | 1290 | 1494 | 1644 | 1689 | 1658 | 1622 | 1642 | 1146 | 711   |
| 4.99 | 807  | 1094 | 1295 | 1505 | 1655 | 1697 | 1658 | 1621 | 1623 | 1132 | 699   |
| 5.03 | 819  | 1102 | 1302 | 1513 | 1659 | 1698 | 1655 | 1621 | 1607 | 1116 | 693   |
| 5.06 | 826  | 1109 | 1309 | 1519 | 1660 | 1701 | 1653 | 1622 | 1593 | 1102 | 682   |
| 5.10 | 842  | 1115 | 1318 | 1528 | 1662 | 1703 | 1652 | 1622 | 1580 | 1087 | 675   |
| 5.16 | 853  | 1122 | 1324 | 1528 | 1674 | 1707 | 1650 | 1625 | 1567 | 1070 | 667   |
| 5.21 | 864  | 1126 | 1330 | 1531 | 1677 | 1712 | 1650 | 1624 | 1551 | 1051 | 663   |
| 5.32 | 873  | 1141 | 1336 | 1537 | 1681 | 1717 | 1648 | 1624 | 1526 | 1037 | 657   |
| 5.44 | 883  | 1150 | 1342 | 1546 | 1686 | 1709 | 1655 | 1620 | 1519 | 1023 | 651   |
| 5.50 | 893  | 1158 | 1346 | 1553 | 1690 | 1704 | 1670 | 1609 | 1504 | 1008 | 646   |
| 5.56 | 903  | 1164 | 1353 | 1556 | 1691 | 1704 | 1688 | 1598 | 1488 | 993  | 643   |
| 5.67 | 916  | 1169 | 1362 | 1560 | 1693 | 1701 | 1702 | 1587 | 1469 | 979  | 639   |
| 5.79 | 926  | 1173 | 1370 | 1560 | 1688 | 1701 | 1703 | 1585 | 1450 | 963  | 635   |
| 5.89 | 935  | 1179 | 1376 | 1565 | 1689 | 1701 | 1707 | 1594 | 1434 | 950  | 631   |
| 6.10 | 944  | 1187 | 1381 | 1568 | 1690 | 1694 | 1712 | 1607 | 1419 | 935  | 622   |
| 6.19 | 956  | 1190 | 1387 | 1568 | 1693 | 1694 | 1710 | 1633 | 1403 | 920  | 621   |
| 6.31 | 967  | 1195 | 1393 | 1568 | 1696 | 1696 | 1696 | 1659 | 1385 | 904  | 627   |

Year

Mean



| Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr.  | May   | June  | July  | Aug. | Sept. |
|------|------|------|------|------|------|-------|-------|-------|-------|------|-------|
| 2810 | 3370 | 3460 | 3350 | 3660 | 2760 | 2880  | 11700 | 8350  | 19900 | 5350 | 3500  |
| 1910 | 3440 | 3500 | 3150 | 3400 | 2650 | 2940  | 10000 | 7030  | 16600 | 5000 | 4270  |
| 1860 | 3370 | 3480 | 3400 | 3250 | 2650 | 2980  | 8500  | 5190  | 14500 | 4690 | 4410  |
| 1870 | 3450 | 3420 | 3230 | 3100 | 2650 | 2920  | 7600  | 4640  | 13900 | 4360 | 4410  |
| 2050 | 3490 | 3400 | 3350 | 3090 | 2720 | 3400  | 7300  | 6110  | 12200 | 5090 | 4580  |
| 2060 | 3570 | 3400 | 3350 | 3050 | 2770 | 4020  | 8350  | 9220  | 11000 | 3950 | 4100  |
| 2060 | 3660 | 3380 | 3400 | 3010 | 2740 | 4250  | 8840  | 9260  | 8900  | 5860 | 3800  |
| 2060 | 3620 | 3240 | 3350 | 3000 | 3000 | 4120  | 9150  | 8760  | 8110  | 5830 | 3440  |
| 2060 | 3550 | 3230 | 3200 | 3200 | 3210 | 4140  | 9900  | 7730  | 8010  | 5190 | 3520  |
| 1970 | 3620 | 3240 | 3050 | 2960 | 3750 | 4070  | 11200 | 9010  | 7730  | 4750 | 3480  |
| 1970 | 3660 | 2860 | 2900 | 2940 | 3970 | 4070  | 13300 | 10500 | 6770  | 4490 | 3640  |
| 2000 | 3590 | 3000 | 2950 | 3070 | 3660 | 3970  | 13200 | 10800 | 5830  | 4900 | 3730  |
| 2020 | 3620 | 3400 | 3000 | 3230 | 3420 | 4490  | 13000 | 9720  | 5150  | 5440 | 3870  |
| 1980 | 3640 | 3840 | 3100 | 3310 | 3350 | 4870  | 12500 | 7800  | 6020  | 4970 | 3750  |
| 2030 | 3660 | 3730 | 3150 | 3210 | 3330 | 5630  | 12500 | 7460  | 7560  | 4690 | 3420  |
| 2150 | 3570 | 3720 | 3050 | 3110 | 3270 | 5790  | 12900 | 8350  | 8210  | 4170 | 3090  |
| 2510 | 3440 | 3750 | 3000 | 3090 | 3350 | 6080  | 13800 | 9430  | 7700  | 3750 | 3110  |
| 2610 | 3290 | 3780 | 3050 | 3090 | 3480 | 7390  | 14300 | 8730  | 5670  | 3680 | 3310  |
| 2490 | 3310 | 3850 | 3050 | 3010 | 3400 | 7730  | 15100 | 7500  | 6800  | 3710 | 3520  |
| 2560 | 3110 | 3840 | 2950 | 2880 | 3400 | 7130  | 18400 | 6500  | 6700  | 4070 | 3370  |
| 2370 | 3190 | 3780 | 2880 | 3030 | 3480 | 6600  | 22200 | 5950  | 5410  | 4460 | 3230  |
| 2700 | 3550 | 3650 | 2850 | 3010 | 3500 | 6670  | 26100 | 6080  | 3710  | 4440 | 3030  |
| 3030 | 3710 | 3000 | 2900 | 2920 | 3310 | 7330  | 26400 | 7900  | 3000  | 4140 | 3110  |
| 3330 | 3730 | 2530 | 3100 | 2900 | 3250 | 8350  | 24600 | 12400 | 4380  | 3850 | 3210  |
| 3480 | 3570 | 2410 | 3100 | 2940 | 3190 | 8560  | 22600 | 16900 | 4840  | 3570 | 3270  |
| 3500 | 3550 | 2100 | 2900 | 2880 | 3030 | 9150  | 21400 | 20100 | 4940  | 3350 | 3010  |
| 3440 | 3640 | 1900 | 2960 | 2960 | 2960 | 9430  | 19300 | 23400 | 4360  | 3310 | 2700  |
| 3420 | 3610 | 2450 | 3330 | 3330 | 3090 | 10700 | 16400 | 26800 | 4360  | 3440 | 2670  |
| 3420 | 3570 | 2800 | 3520 | 3520 | 3110 | 11700 | 13000 | 25900 | 4640  | 3350 | 2650  |

|         |         |         |         |         |         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 2,498   | 3,520   | 3,253   | 3,148   | 3,090   | 3,170   | 5,812   | 14,370  | 10,530  | 8,034   | 4,396   | 3,506   |
| 153,600 | 209,500 | 200,000 | 193,600 | 171,600 | 194,900 | 345,800 | 883,500 | 626,400 | 494,000 | 270,300 | 208,600 |

5.459  
MEAN  
T.MAN



| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. |
|-----|------|------|------|------|------|------|------|-----|------|------|------|
| 1   | 74   | 290  | 328  | 125  | 142  | 130  | 148  | 216 | 15   | 134  | 15   |
| 2   | 84   | 270  | 316  | 125  | 124  | 130  | 138  | 122 | 36   | 94   | 26   |
| 3   | 81   | 270  | 300  | 124  | 124  | 142  | 148  | 73  | 13   | 49   | 28   |
| 4   | 80   | 300  | 250  | 130  | 130  | 148  | 148  | 56  | 10   | 22   | 28   |
| 5   | 85   | 373  | 250  | 140  | 130  | 155  | 148  | 49  | 6    | 16   | 28   |
| 6   | 90   | 393  | 230  | 145  | 140  | 155  | 132  | 66  | 34   | 15   | 22   |
| 7   | 84   | 422  | 210  | 145  | 145  | 148  | 196  | 29  | 25   | 8    | 22   |
| 8   | 78   | 370  | 190  | 140  | 139  | 139  | 193  | 16  | 29   | 7    | 144  |
| 9   | 62   | 198  | 170  | 137  | 141  | 160  | 188  | 20  | 44   | 10   | 64   |
| 10  | 51   | 110  | 150  | 130  | 142  | 161  | 189  | 14  | 64   | 9    | 24   |
| 11  | 56   | 351  | 130  | 120  | 120  | 103  | 192  | 10  | 99   | 17   | 18   |
| 12  | 56   | 340  | 100  | 115  | 154  | 142  | 198  | 10  | 134  | 10   | 16   |
| 13  | 45   | 330  | 140  | 115  | 158  | 138  | 219  | 15  | 118  | 9    | 30   |
| 14  | 29   | 320  | 140  | 115  | 165  | 130  | 247  | 19  | 55   | 9    | 35   |
| 15  | 40   | 310  | 140  | 118  | 165  | 120  | 267  | 26  | 59   | 5    | 30   |
| 16  | 91   | 303  | 140  | 120  | 160  | 105  | 266  | 34  | 72   | 21   | 46   |
| 17  | 121  | 295  | 140  | 121  | 159  | 94   | 264  | 41  | 203  | 5    | 28   |
| 18  | 142  | 290  | 140  | 120  | 142  | 76   | 263  | 10  | 134  | 4    | 32   |
| 19  | 192  | 286  | 140  | 115  | 143  | 113  | 260  | 8   | 111  | 15   | 41   |
| 20  | 161  | 339  | 140  | 115  | 159  | 113  | 258  | 18  | 104  | 38   | 35   |
| 21  | 159  | 356  | 125  | 120  | 165  | 118  | 303  | 129 | 48   | 62   | 29   |
| 22  | 295  | 355  | 125  | 113  | 165  | 106  | 332  | 89  | 38   | 55   | 44   |
| 23  | 405  | 341  | 125  | 95   | 165  | 103  | 212  | 92  | 48   | 37   | 60   |
| 24  | 458  | 331  | 125  | 117  | 160  | 99   | 126  | 79  | 60   | 7    | 52   |
| 25  | 457  | 317  | 125  | 96   | 156  | 85   | 96   | 121 | 56   | 19   | 53   |
| 26  | 457  | 320  | 125  | 100  | 152  | 103  | 103  | 146 | 63   | 22   | 42   |
| 27  | 440  | 320  | 125  | 110  | 152  | 90   | 85   | 128 | 80   | 16   | 29   |
| 28  | 390  | 325  | 125  | 125  | 152  | 106  | 85   | 82  | 95   | 45   | 87   |
| 29  | 380  | 325  | 125  | 140  | 152  | 106  | 106  | 82  | 95   | 45   | 87   |
| 30  | 360  | 328  | 125  | 145  | 152  | 106  | 106  | 40  | 133  | 10   | 20   |

| Mean   | 191    | 317    | 168    | 122   | 152   | 122   | 174    | 70.4  | 66.7  | 25.3  | 32.8  | 41.0  |
|--------|--------|--------|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| Accum- | 11,720 | 18,870 | 10,310 | 7,530 | 8,410 | 7,490 | 10,370 | 4,330 | 3,970 | 1,560 | 2,020 | 2,140 |

Year  
or  
Period  
Mean  
Accum-  
89,020



|         |         |         |         |         |         |         |         |         |         |        |        |        |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| 1,907   | 3,488   | 3,255   | 3,133   | 3,158   | 3,126   | 4,787   | 10,830  | 7,018   | 4,773   | 1,317  | 1,416  | 86,030 |
| 127,300 | 207,600 | 200,200 | 192,600 | 175,400 | 192,200 | 284,800 | 665,700 | 419,400 | 293,500 | 80,980 | 86,030 |        |

YEAR  
Mean  
2,915,710

| Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr.  | May   | June  | July  | Aug.  | Sept. |
|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 1400 | 3370 | 3570 | 3380 | 3670 | 2880 | 2820  | 9790  | 6340  | 20900 | 1390  | 359   |
| 1410 | 3330 | 3520 | 3280 | 3640 | 2790 | 2800  | 8800  | 4720  | 15600 | 15500 | 492   |
| 1460 | 3440 | 3550 | 3300 | 3530 | 2820 | 2730  | 7010  | 4850  | 14300 | 1290  | 852   |
| 1050 | 3370 | 3550 | 3020 | 3320 | 2700 | 2700  | 5340  | 2850  | 12200 | 1300  | 1040  |
| 904  | 3470 | 3400 | 3380 | 3150 | 2670 | 2630  | 4440  | 2110  | 10300 | 988   | 1710  |
| 1080 | 3520 | 3400 | 3180 | 3090 | 2780 | 2780  | 4120  | 2290  | 8800  | 1100  | 1880  |
| 1150 | 3660 | 3400 | 3320 | 3080 | 2790 | 3350  | 4650  | 4630  | 7500  | 1480  | 1810  |
| 1130 | 3660 | 3380 | 3300 | 3080 | 2840 | 3820  | 5150  | 5800  | 5780  | 1190  | 1430  |
| 1100 | 3550 | 3250 | 3430 | 3020 | 2960 | 3850  | 5300  | 5530  | 4200  | 2860  | 1240  |
| 1060 | 3300 | 3230 | 3200 | 2980 | 3100 | 3850  | 5510  | 5210  | 3950  | 2280  | 1000  |
| 1080 | 3550 | 3250 | 3140 | 2980 | 3450 | 3900  | 6240  | 5360  | 3750  | 1660  | 1200  |
| 1020 | 3710 | 2860 | 3040 | 2970 | 3820 | 3900  | 8150  | 7220  | 3320  | 1360  | 1280  |
| 896  | 3720 | 2960 | 2850 | 3100 | 3780 | 3800  | 9100  | 8210  | 2680  | 1420  | 1510  |
| 864  | 3690 | 3350 | 2940 | 3270 | 3560 | 3980  | 8910  | 7920  | 2020  | 2040  | 1610  |
| 880  | 3550 | 3830 | 3040 | 3350 | 3400 | 4310  | 8690  | 5400  | 2250  | 2250  | 1770  |
| 968  | 3540 | 3720 | 3090 | 3320 | 3340 | 4540  | 8370  | 4380  | 2780  | 2080  | 1650  |
| 1200 | 3520 | 3710 | 3120 | 3200 | 3210 | 4940  | 8670  | 4620  | 3930  | 1580  | 1380  |
| 1450 | 3420 | 3740 | 3060 | 3140 | 3260 | 4920  | 9340  | 6080  | 3800  | 1180  | 1240  |
| 2090 | 3200 | 3900 | 3100 | 3340 | 3300 | 5660  | 9990  | 6080  | 2850  | 852   | 1500  |
| 2260 | 3200 | 3810 | 3100 | 3120 | 3340 | 6620  | 10300 | 4960  | 2000  | 756   | 1830  |
| 2350 | 3180 | 3830 | 3020 | 3040 | 3270 | 6290  | 12300 | 3900  | 3160  | 884   | 1840  |
| 2520 | 3150 | 3780 | 2960 | 3030 | 3320 | 5700  | 16800 | 2660  | 2610  | 1380  | 1530  |
| 2680 | 3350 | 3640 | 2800 | 3140 | 3350 | 5340  | 20100 | 2200  | 1500  | 1700  | 1450  |
| 3130 | 3590 | 2990 | 2960 | 3060 | 3270 | 5470  | 23100 | 2510  | 740   | 14900 | 1600  |
| 3370 | 3710 | 2520 | 3180 | 3030 | 3090 | 6010  | 22300 | 5210  | 980   | 12100 | 1720  |
| 3540 | 3600 | 2100 | 3100 | 2980 | 3040 | 6590  | 20600 | 10700 | 1200  | 948   | 1920  |
| 3600 | 3520 | 1890 | 2900 | 2980 | 3040 | 6850  | 19200 | 14400 | 1280  | 748   | 1890  |
| 3420 | 3550 | 2120 | 3140 | 2900 | 3160 | 15000 | 17800 | 18400 | 1060  | 534   | 1680  |
| 3400 | 3590 | 2760 | 3430 | 3160 | 2980 | 11600 | 15000 | 22100 | 702   | 469   | 1430  |
| 3400 | 3640 | 3210 | 3620 | 3620 | 2960 | 9040  | 8940  | 24800 | 812   | 498   | 1500  |



| Area      | 153 | 264 | 15,700 | 292 | 17,950 | 278 | 313 | 17,400 | 22,560 | 382 | 119 | 7,290 | 3,790 | 63.8 | 11.9 | 2,760 | 2,810 | 3,620 | 60.8 |
|-----------|-----|-----|--------|-----|--------|-----|-----|--------|--------|-----|-----|-------|-------|------|------|-------|-------|-------|------|
| Mean      | 153 | 264 | 15,700 | 292 | 17,950 | 278 | 313 | 17,400 | 22,560 | 382 | 119 | 7,290 | 3,790 | 63.8 | 11.9 | 2,760 | 2,810 | 3,620 | 60.8 |
| Year      | 198 |     |        |     |        |     |     |        |        |     |     |       |       |      |      |       |       |       |      |
| On        |     |     |        |     |        |     |     |        |        |     |     |       |       |      |      |       |       |       |      |
| Area-Tree |     |     |        |     |        |     |     |        |        |     |     |       |       |      |      |       |       |       |      |

| Day   | 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  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Oct.  | 98  | 98  | 99  | 101 | 105 | 107 | 108 | 114 | 137 | 127 | 112 | 107 | 112 | 114 | 116 | 127 | 142 | 142 | 142 | 151 | 160 | 173 | 200 | 212 | 239 | 236 | 234 | 234 | 225 | 225 | 236 |
| Nov.  | 236 | 236 | 236 | 234 | 223 | 231 | 242 | 242 | 242 | 245 | 245 | 250 | 248 | 239 | 228 | 228 | 234 | 265 | 283 | 283 | 283 | 293 | 299 | 322 | 330 | 322 | 322 | 316 | 309 | 306 | 265 |
| Dec.  | 306 | 306 | 306 | 309 | 309 | 306 | 306 | 304 | 302 | 302 | 274 | 268 | 268 | 274 | 289 | 289 | 293 | 296 | 309 | 309 | 322 | 312 | 293 | 275 | 265 | 270 | 260 | 260 | 270 | 260 | 265 |
| Jan.  | 277 | 283 | 302 | 277 | 265 | 277 | 280 | 280 | 262 | 259 | 262 | 268 | 274 | 274 | 277 | 277 | 277 | 277 | 270 | 255 | 268 | 280 | 280 | 270 | 255 | 260 | 283 | 289 | 293 | 289 | 289 |
| Feb.  | 286 | 283 | 277 | 274 | 265 | 268 | 265 | 259 | 259 | 262 | 259 | 262 | 268 | 299 | 379 | 404 | 379 | 379 | 340 | 358 | 340 | 319 | 336 | 344 | 365 | 368 | 358 | 336 | --- | --- | --- |
| Mar.  | 330 | 316 | 302 | 299 | 299 | 302 | 309 | 322 | 383 | 485 | 493 | 444 | 401 | 383 | 379 | 379 | 379 | 379 | 361 | 365 | 365 | 365 | 361 | 361 | 372 | 372 | 368 | 376 | 386 | 379 | 361 |
| Apr.  | 350 | 347 | 347 | 354 | 365 | 386 | 383 | 376 | 376 | 368 | 365 | 368 | 379 | 397 | 408 | 404 | 408 | 422 | 426 | 419 | 401 | 390 | 386 | 394 | 401 | 372 | 372 | 344 | 330 | 426 | 394 |
| May   | 330 | 299 | 262 | 236 | 212 | 190 | 176 | 140 | 105 | 122 | 131 | 120 | 105 | 96  | 77  | 67  | 60  | 55  | 51  | 50  | 70  | 110 | 88  | 80  | 70  | 61  | 55  | 58  | 52  | 58  | 59  |
| June  | 60  | 64  | 59  | 52  | 52  | 60  | 64  | 65  | 68  | 71  | 75  | 67  | 77  | 72  | 68  | 77  | 81  | 68  | 65  | 63  | 51  | 48  | 50  | 40  | 35  | 42  | 59  | 91  | 89  | 80  | 80  |
| July  | 80  | 83  | 64  | 64  | 64  | 71  | 64  | 58  | 28  | 28  | 28  | 28  | 28  | 29  | 28  | 30  | 34  | 28  | 24  | 41  | 36  | 37  | 37  | 38  | 46  | 33  | 38  | 59  | 55  | 54  | 50  |
| Aug.  | 44  | 44  | 44  | 44  | 44  | 44  | 44  | 44  | 44  | 44  | 42  | 42  | 44  | 44  | 43  | 50  | 50  | 60  | 60  | 42  | 46  | 50  | 50  | 55  | 47  | 42  | 41  | 41  | 42  | 43  | 43  |
| Sept. | 42  | 38  | 36  | 39  | 39  | 38  | 39  | 47  | 50  | 50  | 50  | 51  | 56  | 56  | 56  | 59  | 61  | 55  | 58  | 64  | 64  | 78  | 84  | 89  | 80  | 77  | 80  | 86  | 80  | 80  | 80  |

Year  
on  
Mean  
Area-Tree  
198  
143,070



| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|------|------|------|------|-------|
| 1   | 4.86 | 64.3 | 974  | 1206 | 1412 | 1583 | 1696 | 1705 | 1685 | 1687 | 1352 | 875   |
| 2   | 4.82 | 654  | 984  | 1211 | 1419 | 1588 | 1699 | 1708 | 1685 | 1707 | 1338 | 858   |
| 3   | 4.82 | 666  | 995  | 1218 | 1426 | 1589 | 1702 | 1710 | 1679 | 1717 | 1317 | 832   |
| 4   | 4.81 | 678  | 1002 | 1227 | 1433 | 1591 | 1708 | 1710 | 1668 | 1719 | 1303 | 827   |
| 5   | 4.79 | 689  | 1010 | 1233 | 1438 | 1595 | 1702 | 1702 | 1653 | 1718 | 1287 | 810   |
| 6   | 4.78 | 697  | 1021 | 1239 | 1444 | 1599 | 1697 | 1697 | 1639 | 1718 | 1269 | 800   |
| 7   | 4.79 | 712  | 1033 | 1245 | 1451 | 1602 | 1701 | 1691 | 1629 | 1715 | 1252 | 787   |
| 8   | 4.82 | 725  | 1043 | 1251 | 1460 | 1609 | 1701 | 1685 | 1628 | 1712 | 1237 | 773   |
| 9   | 4.85 | 737  | 1049 | 1257 | 1466 | 1616 | 1693 | 1678 | 1625 | 1704 | 1220 | 763   |
| 10  | 4.87 | 748  | 1056 | 1265 | 1471 | 1618 | 1695 | 1668 | 1621 | 1696 | 1206 | 751   |
| 11  | 4.86 | 760  | 1063 | 1274 | 1477 | 1620 | 1694 | 1665 | 1619 | 1684 | 1193 | 739   |
| 12  | 4.91 | 772  | 1068 | 1280 | 1482 | 1631 | 1693 | 1659 | 1620 | 1672 | 1179 | 728   |
| 13  | 4.95 | 784  | 1077 | 1285 | 1488 | 1637 | 1692 | 1657 | 1619 | 1659 | 1162 | 720   |
| 14  | 4.98 | 794  | 1088 | 1290 | 1494 | 1644 | 1689 | 1658 | 1622 | 1642 | 1146 | 711   |
| 15  | 4.99 | 807  | 1094 | 1295 | 1505 | 1655 | 1697 | 1658 | 1624 | 1623 | 1132 | 699   |
| 16  | 5.03 | 819  | 1102 | 1302 | 1513 | 1659 | 1698 | 1655 | 1621 | 1607 | 1116 | 693   |
| 17  | 5.06 | 826  | 1109 | 1309 | 1519 | 1660 | 1701 | 1653 | 1621 | 1593 | 1102 | 682   |
| 18  | 5.10 | 842  | 1115 | 1318 | 1528 | 1662 | 1703 | 1652 | 1622 | 1580 | 1087 | 675   |
| 19  | 5.16 | 853  | 1122 | 1324 | 1528 | 1674 | 1707 | 1650 | 1625 | 1567 | 1070 | 667   |
| 20  | 5.21 | 864  | 1126 | 1330 | 1531 | 1677 | 1712 | 1650 | 1624 | 1551 | 1051 | 661   |
| 21  | 5.32 | 873  | 1141 | 1336 | 1534 | 1681 | 1717 | 1648 | 1624 | 1526 | 1037 | 657   |
| 22  | 5.44 | 883  | 1150 | 1342 | 1546 | 1686 | 1709 | 1648 | 1620 | 1519 | 1023 | 651   |
| 23  | 5.50 | 893  | 1158 | 1346 | 1553 | 1690 | 1704 | 1655 | 1609 | 1519 | 1008 | 646   |
| 24  | 5.56 | 903  | 1164 | 1353 | 1556 | 1691 | 1704 | 1688 | 1609 | 1504 | 993  | 643   |
| 25  | 5.67 | 916  | 1169 | 1362 | 1560 | 1693 | 1701 | 1702 | 1587 | 1488 | 979  | 639   |
| 26  | 5.79 | 926  | 1173 | 1370 | 1565 | 1688 | 1701 | 1703 | 1585 | 1450 | 963  | 635   |
| 27  | 5.89 | 935  | 1179 | 1376 | 1565 | 1689 | 1701 | 1707 | 1594 | 1434 | 950  | 631   |
| 28  | 6.01 | 944  | 1187 | 1381 | 1568 | 1690 | 1694 | 1712 | 1607 | 1419 | 935  | 622   |
| 29  | 6.10 | 956  | 1190 | 1387 | 1568 | 1693 | 1694 | 1710 | 1633 | 1403 | 920  | 624   |
| 30  | 6.19 | 967  | 1195 | 1393 | 1568 | 1698 | 1699 | 1701 | 1659 | 1385 | 904  | 627   |
| 31  | 6.31 |      | 1201 | 1402 |      | 1696 |      |      |      |      |      |       |

NO  
NXX



| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr.  | May   | June  | July  | Aug.  | Sept. |
|-----|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 1   | 5270 | 141  | 1680 | 3010 | 2880 | 3560 | 3300  | 10100 | 12000 | 9980  | 11600 | 11100 |
| 2   | 6000 | 844  | 1700 | 3040 | 2930 | 3560 | 4950  | 10100 | 11600 | 10800 | 11900 | 11000 |
| 3   | 5000 | 803  | 1710 | 382  | 2940 | 4510 | 7250  | 10100 | 11400 | 13900 | 12100 | 11300 |
| 4   | 5070 | 803  | 1680 | 2950 | 2960 | 3060 | 6570  | 10100 | 11300 | 14700 | 12000 | 11400 |
| 5   | 4710 | 811  | 1710 | 2960 | 2960 | 3460 | 6070  | 10200 | 11300 | 13200 | 12100 | 11000 |
| 6   | 3880 | 810  | 134  | 2960 | 2970 | 3540 | 3970  | 10800 | 11300 | 11600 | 12100 | 11000 |
| 7   | 3080 | 803  | 1700 | 2990 | 2910 | 3550 | 7560  | 11100 | 11300 | 11500 | 12300 | 10100 |
| 8   | 2760 | 133  | 2410 | 3000 | 2910 | 3530 | 7560  | 11100 | 11500 | 11600 | 12100 | 10100 |
| 9   | 2800 | 501  | 2950 | 2980 | 2910 | 3510 | 7560  | 11300 | 11600 | 11600 | 12100 | 9410  |
| 10  | 3370 | 533  | 2930 | 3020 | 2920 | 3540 | 7600  | 11500 | 11800 | 12000 | 12000 | 9120  |
| 11  | 2240 | 525  | 2950 | 2990 | 2960 | 3550 | 6910  | 11700 | 12300 | 11900 | 11900 | 9120  |
| 12  | 2790 | 533  | 2950 | 2970 | 2950 | 3510 | 5930  | 11900 | 12500 | 11900 | 11800 | 8840  |
| 13  | 2790 | 540  | 2920 | 2980 | 2910 | 3570 | 5590  | 12000 | 12400 | 11800 | 11800 | 8740  |
| 14  | 2750 | 540  | 2930 | 2790 | 2910 | 3540 | 8000  | 12000 | 12400 | 12500 | 12500 | 8690  |
| 15  | 2630 | 126  | 2950 | 2860 | 2910 | 3580 | 5240  | 12200 | 12400 | 12400 | 12400 | 8370  |
| 16  | 2550 | 553  | 2930 | 470  | 2930 | 3540 | 5270  | 12200 | 12400 | 12200 | 11900 | 7780  |
| 17  | 2570 | 548  | 2930 | 2860 | 2870 | 3830 | 6690  | 12300 | 12400 | 11900 | 11600 | 7470  |
| 18  | 135  | 527  | 2950 | 3050 | 3050 | 3520 | 7690  | 12700 | 12300 | 11600 | 11600 | 7470  |
| 19  | 2560 | 548  | 135  | 2970 | 2890 | 3560 | 11300 | 13200 | 12300 | 11800 | 11800 | 7040  |
| 20  | 2330 | 562  | 2970 | 2920 | 2890 | 5630 | 11900 | 13200 | 12300 | 11700 | 11700 | 6820  |
| 21  | 1380 | 562  | 2970 | 2920 | 2890 | 5630 | 11900 | 13200 | 12300 | 11700 | 11700 | 6820  |
| 22  | 1650 | 142  | 2930 | 2910 | 2910 | 4920 | 9740  | 13200 | 12300 | 11500 | 11500 | 6820  |
| 23  | 1680 | 1550 | 2940 | 2910 | 2920 | 4920 | 9210  | 14200 | 12300 | 11400 | 11400 | 6740  |
| 24  | 1680 | 1680 | 2960 | 2920 | 2920 | 4980 | 9170  | 19100 | 12300 | 11400 | 11400 | 6690  |
| 25  | 147  | 1710 | 3010 | 2970 | 2970 | 4950 | 9410  | 20500 | 12300 | 11400 | 11400 | 6690  |
| 26  | 1440 | 1710 | 275  | 2950 | 2950 | 5290 | 10300 | 19700 | 11800 | 11300 | 11300 | 6650  |
| 27  | 1440 | 1700 | 2950 | 2970 | 2970 | 5060 | 10800 | 19700 | 11300 | 11300 | 11300 | 5670  |
| 28  | 1460 | 1700 | 2960 | 2920 | 2920 | 6370 | 10700 | 19700 | 11200 | 11200 | 11200 | 5010  |
| 29  | 1460 | 129  | 2960 | 2940 | 2940 | 4560 | 10300 | 18100 | 11700 | 11100 | 11100 | 2910  |
| 30  | 817  | 1690 | 2970 | 576  | 576  | 4330 | 10300 | 14100 | 11700 | 11100 | 11100 | 2910  |
| 31  | 818  | 1690 | 2970 | 576  | 576  | 4330 | 10300 | 14100 | 11700 | 11100 | 11100 | 2910  |

6.511  
 4.714.020  
 6.511



| Day | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July   | Aug.  | Sept. |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| 1   | 90060 | 96150 | 67650 | 70950 | 64800 | 67980 | 95530 | 97960 | 96510 | 93550  | 94950 | 94020 |
| 2   | 91570 | 97790 | 68970 | 70840 | 65780 | 68860 | 97790 | 98680 | 98560 | 94110  | 94490 | 93550 |
| 3   | 92620 | 97720 | 69740 | 71170 | 67100 | 70290 | 99040 | 99040 | 97840 | 96390  | 97720 | 92860 |
| 4   | 93670 | 97600 | 68750 | 67650 | 67980 | 70950 | 98800 | 99040 | 96750 | 101090 | 95180 | 94020 |
| 5   | 94790 | 93900 | 70290 | 69080 | 67980 | 71390 | 98320 | 98080 | 96510 | 101570 | 95670 | 94490 |
| 6   | 97790 | 92740 | 70730 | 69850 | 68640 | 71720 | 92970 | 98320 | 95310 | 101450 | 96150 | 95670 |
| 7   | 95180 | 93550 | 67760 | 70730 | 68750 | 90990 | 90990 | 98560 | 96150 | 100610 | 96870 | 95670 |
| 8   | 97720 | 93550 | 68640 | 71060 | 65670 | 68200 | 93090 | 98560 | 96150 | 99040  | 97350 | 95430 |
| 9   | 97600 | 91690 | 69190 | 71170 | 66000 | 69740 | 95310 | 98560 | 96150 | 95180  | 97110 | 96030 |
| 10  | 97950 | 90990 | 68090 | 71500 | 66440 | 70070 | 98800 | 96750 | 96150 | 94250  | 97350 | 95180 |
| 11  | 93320 | 89830 | 69630 | 68090 | 67430 | 70290 | 99760 | 97840 | 96150 | 94250  | 97350 | 95180 |
| 12  | 91110 | 89130 | 69190 | 68860 | 70840 | 99280 | 97110 | 96750 | 96390 | 94020  | 96270 | 94950 |
| 13  | 91920 | 88430 | 69630 | 68530 | 71940 | 97110 | 97110 | 96390 | 95430 | 94250  | 95670 | 95430 |
| 14  | 93090 | 87850 | 65670 | 69850 | 68310 | 98440 | 97110 | 96750 | 95180 | 94250  | 96250 | 93550 |
| 15  | 93790 | 87030 | 66330 | 70510 | 65670 | 97590 | 96750 | 96390 | 95670 | 93790  | 93790 | 94950 |
| 16  | 95180 | 85520 | 67650 | 70950 | 66440 | 95910 | 96630 | 96630 | 95790 | 95430  | 93670 | 94950 |
| 17  | 96630 | 83310 | 68750 | 70730 | 66990 | 94720 | 96510 | 96510 | 96030 | 96390  | 96390 | 94370 |
| 18  | 97230 | 82300 | 69190 | 67210 | 64900 | 93440 | 96270 | 96270 | 96030 | 96390  | 96750 | 94140 |
| 19  | 97250 | 81740 | 70620 | 67430 | 68090 | 93090 | 96390 | 96390 | 96390 | 95670  | 95670 | 94720 |
| 20  | 94600 | 79260 | 67980 | 67430 | 68750 | 75200 | 93440 | 95670 | 95310 | 93670  | 95430 | 95180 |
| 21  | 97840 | 75650 | 66330 | 68090 | 68970 | 93090 | 95670 | 95670 | 95910 | 93670  | 95430 | 94370 |
| 22  | 98920 | 72490 | 67430 | 68640 | 65780 | 80720 | 96510 | 96510 | 96390 | 96390  | 95430 | 94140 |
| 23  | 98080 | 68090 | 68970 | 68750 | 66550 | 83770 | 96750 | 96750 | 96390 | 96750  | 95430 | 94250 |
| 24  | 98080 | 68860 | 69190 | 68970 | 67650 | 87270 | 92620 | 96750 | 96750 | 96630  | 94950 | 94370 |
| 25  | 97590 | 69850 | 70070 | 65450 | 69410 | 89360 | 92970 | 96750 | 93790 | 97350  | 94370 | 94950 |
| 26  | 95790 | 70400 | 71060 | 66110 | 71060 | 92620 | 92740 | 93090 | 93090 | 97350  | 94370 | 94950 |
| 27  | 95550 | 70510 | 67650 | 67100 | 71060 | 92620 | 92740 | 93090 | 93090 | 97350  | 94370 | 94950 |
| 28  | 96150 | 70730 | 68530 | 67650 | 67650 | 92620 | 92740 | 93090 | 93090 | 97350  | 94370 | 94950 |
| 29  | 96390 | 70950 | 68530 | 67650 | 67650 | 92620 | 92740 | 93090 | 93090 | 97350  | 94370 | 94950 |
| 30  | 96390 | 70730 | 68530 | 67650 | 67650 | 92620 | 92740 | 93090 | 93090 | 97350  | 94370 | 94950 |
| 31  | 96510 | 70400 | 68530 | 67650 | 67650 | 92620 | 92740 | 93090 | 93090 | 97350  | 94370 | 94950 |



[illegible][illegible]



|        |   |   |   |   |   |        |        |        |        |        |        |
|--------|---|---|---|---|---|--------|--------|--------|--------|--------|--------|
| 27,970 | 0 | 0 | 0 | 0 | 0 | 20,830 | 69,560 | 54,570 | 76,520 | 75,070 | 50,720 |
| 110    | 0 | 0 | 0 | 0 | 0 | 350    | 1,131  | 917    | 1,244  | 1,221  | 852    |

[illegible]



| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr.  | May   | June | July  | Aug. |
|-----|------|------|------|------|------|------|-------|-------|------|-------|------|
| 1   | 3590 | 1060 | 1580 | 2820 | 2830 | 3160 | 5410  | 7900  | 9800 | 7650  | 9110 |
| 2   | 3750 | 1100 | 1730 | 2940 | 2740 | 3340 | 4160  | 8100  | 9610 | 7930  | 9050 |
| 3   | 3310 | 1130 | 1790 | 3310 | 2790 | 3350 | 6210  | 8150  | 8990 | 8610  | 9050 |
| 4   | 2860 | 1070 | 1760 | 2720 | 2790 | 3140 | 6830  | 8240  | 8900 | 10600 | 9170 |
| 5   | 3040 | 1070 | 1750 | 2730 | 2790 | 3140 | 6670  | 8150  | 9200 | 10400 | 9200 |
| 6   | 2060 | 1120 | 1770 | 2720 | 2770 | 3200 | 6240  | 8180  | 9020 | 8610  | 9260 |
| 7   | 1920 | 1100 | 1770 | 2850 | 2780 | 2780 | 5840  | 8460  | 8930 | 8180  | 9170 |
| 8   | 1470 | 1150 | 2370 | 2870 | 2740 | 3080 | 5840  | 8640  | 8780 | 9360  | 9140 |
| 9   | 1090 | 1080 | 2790 | 2810 | 2820 | 3360 | 6590  | 8520  | 8490 | 9260  | 9080 |
| 10  | 1650 | 1070 | 2950 | 2810 | 2820 | 3360 | 6590  | 8520  | 8410 | 9260  | 9080 |
| 11  | 3120 | 1050 | 2910 | 2750 | 2800 | 3590 | 7260  | 8900  | 8010 | 9200  | 9080 |
| 12  | 1170 | 1030 | 2950 | 2800 | 2800 | 3470 | 7340  | 8780  | 7930 | 9230  | 9020 |
| 13  | 1190 | 1030 | 2900 | 2810 | 2790 | 3310 | 6180  | 9140  | 7820 | 9390  | 9050 |
| 14  | 1190 | 1030 | 2760 | 2930 | 2700 | 2900 | 5610  | 9170  | 8100 | 9170  | 9170 |
| 15  | 1040 | 1040 | 2600 | 2940 | 2790 | 3140 | 5510  | 9020  | 8120 | 9290  | 9260 |
| 16  | 1020 | 1180 | 2640 | 2870 | 2750 | 3150 | 5190  | 9020  | 7260 | 9360  | 9360 |
| 17  | 886  | 1370 | 2650 | 2910 | 2770 | 3350 | 4930  | 9230  | 6910 | 9510  | 9200 |
| 18  | 882  | 1570 | 2680 | 2820 | 3330 | 3250 | 4580  | 9390  | 6590 | 9670  | 9020 |
| 19  | 966  | 1570 | 2700 | 2950 | 3230 | 3220 | 5690  | 9480  | 6400 | 9830  | 9140 |
| 20  | 1030 | 2040 | 2850 | 2910 | 3180 | 3200 | 6540  | 9770  | 6480 | 9730  | 9230 |
| 21  | 948  | 2600 | 2680 | 2950 | 2780 | 2860 | 9120  | 10100 | 6940 | 9930  | 9260 |
| 22  | 1450 | 2570 | 2660 | 2930 | 3120 | 3160 | 10600 | 10200 | 7290 | 9200  | 9200 |
| 23  | 1450 | 2200 | 2660 | 3060 | 2990 | 3200 | 8070  | 10100 | 7700 | 9230  | 8810 |
| 24  | 1380 | 1680 | 2670 | 2830 | 2940 | 3090 | 7180  | 10500 | 8180 | 9140  | 8930 |
| 25  | 1340 | 1640 | 2650 | 2890 | 3000 | 3140 | 7050  | 14200 | 8240 | 9110  | 8810 |
| 26  | 1340 | 1640 | 2740 | 2960 | 3200 | 3300 | 7180  | 17000 | 7930 | 9080  | 8670 |
| 27  | 1220 | 1680 | 2710 | 2920 | 3220 | 3430 | 7340  | 16100 | 7260 | 8700  | 8490 |
| 28  | 1300 | 1860 | 2710 | 2860 | 3410 | 3570 | 7900  | 16900 | 7820 | 9080  | 8460 |
| 29  | 1210 | 1690 | 2820 | 2890 | 3570 | 5260 | 7820  | 16700 | 7900 | 9110  | 8550 |
| 30  | 1040 | 1740 | 2690 | 2770 | 5950 | 5950 | 7760  | 15700 | 7700 | 9110  | 8670 |
| 31  | 989  | 1640 | 2700 | 2700 | 2700 | 2700 | 9110  | 12100 | 7700 | 8870  | 8870 |

| Mean   | Acid.   | Range   |
|--------|---------|---------|
| 1,642  | 1,439   | 101,000 |
| 85,610 | 153,500 | 176,900 |
| 2,877  | 160,700 | 207,500 |
| 3,375  | 394,400 | 643,400 |
| 6,627  | 10,460  | 477,400 |
| 8,024  | 9,192   | 565,200 |
| 9,028  | 555,100 | 607,500 |
| 6,818  |         |         |



| Day | Oct.  | Nov.  | Dec. | Jan. | Feb. | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. |
|-----|-------|-------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 10.59 | 10.12 | 8.20 | 7.84 | 8.38 | 7.88  | 9.92  | 10.97 | 10.86 | 10.79 | 10.98 | 11.61 |
| 2   | 10.49 | 9.88  | 8.28 | 7.86 | 8.40 | 8.46  | 9.42  | 11.00 | 11.04 | 10.76 | 11.00 | 11.02 |
| 3   | 10.78 | 9.88  | 8.24 | 7.92 | 8.23 | 8.46  | 9.00  | 11.00 | 10.99 | 10.84 | 10.92 | 11.00 |
| 4   | 10.78 | 9.82  | 7.78 | 8.18 | 8.22 | 8.50  | 9.32  | 11.00 | 10.89 | 11.02 | 11.00 | 10.99 |
| 5   | 10.72 | 9.82  | 7.94 | 8.12 | 8.18 | 8.48  | 9.58  | 10.95 | 10.84 | 11.02 | 10.98 | 10.82 |
| 6   | 10.95 | 9.56  | 7.92 | 8.06 | 8.18 | 8.42  | 9.34  | 10.92 | 10.88 | 11.02 | 10.98 | 11.00 |
| 7   | 10.86 | 9.58  | 7.86 | 7.98 | 8.08 | 8.40  | 9.44  | 10.86 | 10.99 | 10.74 | 10.94 | 10.98 |
| 8   | 10.64 | 9.54  | 7.94 | 8.00 | 8.00 | 7.44  | 9.10  | 10.92 | 11.02 | 10.72 | 11.01 | 10.92 |
| 9   | 10.36 | 9.42  | 7.70 | 8.04 | 8.00 | 7.08  | 9.00  | 11.00 | 10.94 | 10.86 | 11.00 | 11.02 |
| 10  | 9.66  | 9.32  | 7.60 | 8.14 | 8.00 | 6.70  | 9.62  | 10.64 | 11.01 | 11.02 | 11.00 | 11.00 |
| 11  | 9.66  | 9.14  | 8.14 | 8.22 | 8.00 | 6.42  | 9.88  | 10.91 | 11.02 | 11.02 | 11.00 | 10.90 |
| 12  | 6.84  | 9.02  | 8.02 | 8.16 | 7.96 | 6.80  | 10.06 | 10.78 | 10.98 | 11.00 | 10.99 | 10.81 |
| 13  | 6.84  | 8.94  | 8.02 | 8.08 | 7.94 | 7.24  | 9.79  | 10.78 | 10.81 | 10.96 | 11.01 | 10.85 |
| 14  | 10.52 | 8.80  | 8.02 | 8.04 | 7.90 | 7.40  | 9.47  | 10.93 | 10.65 | 11.03 | 11.00 | 10.88 |
| 15  | 10.18 | 8.64  | 7.92 | 8.02 | 8.00 | 7.36  | 9.89  | 10.99 | 10.92 | 11.02 | 11.00 | 10.68 |
| 16  | 10.60 | 8.54  | 7.78 | 8.12 | 8.06 | 7.30  | 9.87  | 10.85 | 10.88 | 11.00 | 10.98 | 10.85 |
| 17  | 10.48 | 8.14  | 7.62 | 8.20 | 8.06 | 7.32  | 9.88  | 10.96 | 11.00 | 11.00 | 11.02 | 10.92 |
| 18  | 10.68 | 8.24  | 7.62 | 8.22 | 7.56 | 7.18  | 10.38 | 10.93 | 11.03 | 10.98 | 11.02 | 11.00 |
| 19  | 10.84 | 8.54  | 7.64 | 8.22 | 8.40 | 8.18  | 10.56 | 10.85 | 11.00 | 11.02 | 10.98 | 10.91 |
| 20  | 10.80 | 8.78  | 7.54 | 8.24 | 8.36 | 8.74  | 10.94 | 10.85 | 10.69 | 11.05 | 10.95 | 10.78 |
| 21  | 10.36 | 8.56  | 7.62 | 8.28 | 8.36 | 8.82  | 10.88 | 10.83 | 10.61 | 10.86 | 10.90 | 10.80 |
| 22  | 10.58 | 8.94  | 7.84 | 8.28 | 8.00 | 8.80  | 11.02 | 10.92 | 10.69 | 11.04 | 11.00 | 10.75 |
| 23  | 10.62 | 9.04  | 7.82 | 8.22 | 8.06 | 9.00  | 10.96 | 11.02 | 10.70 | 11.00 | 11.00 | 10.59 |
| 24  | 10.60 | 9.36  | 7.74 | 8.44 | 7.98 | 9.14  | 10.83 | 11.04 | 10.63 | 11.00 | 11.04 | 10.59 |
| 25  | 10.56 | 9.22  | 7.74 | 8.60 | 7.84 | 9.30  | 10.85 | 10.92 | 10.78 | 10.98 | 10.96 | 10.69 |
| 26  | 10.62 | 9.02  | 7.82 | 8.38 | 7.40 | 9.14  | 10.99 | 11.03 | 10.87 | 10.98 | 11.00 | 10.70 |
| 27  | 10.68 | 8.90  | 7.84 | 8.20 | 7.86 | 9.20  | 10.93 | 11.02 | 10.88 | 11.01 | 10.88 | 10.54 |
| 28  | 10.66 | 8.72  | 7.86 | 8.42 | 7.86 | 9.20  | 10.93 | 11.02 | 10.88 | 11.03 | 10.96 | 10.42 |
| 29  | 10.56 | 8.70  |      | 8.48 |      | 9.22  | 11.04 | 10.94 | 10.92 | 11.00 | 10.90 | 10.08 |
| 30  | 10.32 | 8.62  |      | 8.44 |      | 10.34 | 10.97 | 10.87 | 10.92 | 11.00 | 10.88 | 10.22 |
| 31  | 10.26 |       |      |      |      | 10.24 |       | 10.94 | 11.00 | 11.00 | 10.80 | 10.31 |

1960-1961



10th

11.02

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66° 01'

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|------|---|
| 10-8 | 8 |
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10.31

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1

1



|      |      |             |        |
|------|------|-------------|--------|
| Year | Mean | Acres-Plant | 19,364 |
| 26.7 |      |             |        |
| 0    | 7.6  | 65.0        | 61.3   |
| 0    | 4.54 | 4,000       | 3,650  |
| 0    |      | 4,080       | 66.4   |
| 0    |      | 4,380       | 71.2   |
| 0    |      | 2,800       | 47.0   |

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|------|
| 1   |     |     |     |     |     |     | 0   | 61  | 72   | 59   | 72  | 59   |
| 2   |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 3   |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 4   |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 5   |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 6   |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 7   |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 8   |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 9   |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 10  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 11  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 12  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 13  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 14  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 15  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 16  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 17  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 18  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 19  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 20  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 21  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 22  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 23  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 24  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 25  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 26  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 27  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 28  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 29  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 30  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |
| 31  |     |     |     |     |     |     | 0   | 61  | 70   | 59   | 73  | 59   |







[illegible]

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|------|------|------|------|-------|
| 1   |      |      |      |      |      |      | 0    | 1190 | 1520 | 1470 | 1570 | 1460  |
| 2   |      |      |      |      |      |      | 0    | 1250 | 1510 | 1470 | 1580 | 1460  |
| 3   |      |      |      |      |      |      | 0    | 1290 | 1500 | 1470 | 1580 | 1480  |
| 4   |      |      |      |      |      |      | 0    | 1290 | 1500 | 1470 | 1570 | 1480  |
| 5   |      |      |      |      |      |      | 0    | 1360 | 1510 | 1430 | 1570 | 1500  |
| 6   |      |      |      |      |      |      | 0    | 1400 | 1520 | 1460 | 1550 | 1490  |
| 7   |      |      |      |      |      |      | 0    | 1410 | 1530 | 1510 | 1540 | 1480  |
| 8   |      |      |      |      |      |      | 0    | 1410 | 1530 | 1530 | 1540 | 1490  |
| 9   |      |      |      |      |      |      | 0    | 1390 | 1470 | 1570 | 1540 | 1480  |
| 10  |      |      |      |      |      |      | 0    | 1410 | 1430 | 1570 | 1540 | 1450  |
| 11  |      |      |      |      |      |      | 0    | 1400 | 1420 | 1570 | 1540 | 1430  |
| 12  |      |      |      |      |      |      | 470  | 1410 | 1420 | 1570 | 1530 | 1430  |
| 13  |      |      |      |      |      |      | 700  | 1420 | 1400 | 1590 | 1530 | 1420  |
| 14  |      |      |      |      |      |      | 720  | 1420 | 1420 | 1580 | 1530 | 1410  |
| 15  |      |      |      |      |      |      | 720  | 1420 | 1410 | 1570 | 1530 | 1420  |
| 16  |      |      |      |      |      |      | 730  | 1420 | 1370 | 1560 | 1540 | 1390  |
| 17  |      |      |      |      |      |      | 820  | 1420 | 1350 | 1550 | 1540 | 1370  |
| 18  |      |      |      |      |      |      | 870  | 1420 | 1330 | 1560 | 1540 | 1330  |
| 19  |      |      |      |      |      |      | 888  | 1480 | 1330 | 1560 | 1540 | 1330  |
| 20  |      |      |      |      |      |      | 890  | 1510 | 1330 | 1580 | 1540 | 1320  |
| 21  |      |      |      |      |      |      | 890  | 1510 | 1330 | 1560 | 1550 | 1330  |
| 22  |      |      |      |      |      |      | 890  | 1510 | 1350 | 1570 | 1560 | 1300  |
| 23  |      |      |      |      |      |      | 890  | 1530 | 1420 | 1570 | 1560 | 1260  |
| 24  |      |      |      |      |      |      | 960  | 1530 | 1450 | 1580 | 1510 | 1280  |
| 25  |      |      |      |      |      |      | 1000 | 1520 | 1480 | 1590 | 1500 | 1270  |
| 26  |      |      |      |      |      |      | 1060 | 1520 | 1500 | 1590 | 1500 | 1260  |
| 27  |      |      |      |      |      |      | 1090 | 1530 | 1500 | 1590 | 1490 | 1250  |
| 28  |      |      |      |      |      |      | 1130 | 1530 | 1500 | 1590 | 1490 | 1250  |
| 29  |      |      |      |      |      |      | 1200 | 1520 | 1580 | 1580 | 1450 | 1250  |
| 31  |      |      |      |      |      |      | 1190 | 1530 | 1580 | 1580 | 1450 | 1250  |











For the year ending 31st December 1954, the following figures were obtained from the accounts of the company.

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|------|------|------|------|-------|
| 1   | 1800 | 692  | 536  | 452  | 434  | 434  | 584  | 2030 | 2660 | 2760 | 2630 | 2630  |
| 2   | 1690 | 696  | 545  | 458  | 431  | 446  | 588  | 2040 | 2670 | 2780 | 2580 | 2580  |
| 3   | 1680 | 692  | 545  | 464  | 431  | 449  | 646  | 2120 | 2650 | 2740 | 2550 | 2550  |
| 4   | 1660 | 696  | 539  | 473  | 431  | 449  | 729  | 2190 | 2620 | 2760 | 2560 | 2560  |
| 5   | 1270 | 700  | 558  | 464  | 434  | 446  | 707  | 2180 | 2580 | 2680 | 2760 | 2550  |
| 6   | 1060 | 696  | 548  | 455  | 434  | 443  | 682  | 2180 | 2520 | 2720 | 2760 | 2580  |
| 7   | 1040 | 689  | 489  | 455  | 434  | 437  | 685  | 2180 | 2460 | 2760 | 2760 | 2580  |
| 8   | 1030 | 685  | 449  | 455  | 434  | 416  | 685  | 2200 | 2460 | 2760 | 2760 | 2530  |
| 9   | 1020 | 682  | 458  | 461  | 434  | 416  | 752  | 2190 | 2460 | 2760 | 2760 | 2490  |
| 10  | 331  | 678  | 473  | 464  | 434  | 425  | 919  | 2190 | 2330 | 2740 | 2740 | 2440  |
| 11  | 0    | 678  | 492  | 464  | 437  | 437  | 1010 | 2290 | 2210 | 2790 | 2740 | 2350  |
| 12  | 0    | 674  | 486  | 467  | 437  | 464  | 1130 | 2280 | 2150 | 2760 | 2740 | 2330  |
| 13  | 0    | 636  | 486  | 464  | 437  | 268  | 1250 | 2390 | 2160 | 2760 | 2760 | 2310  |
| 14  | 0    | 625  | 486  | 458  | 437  | 157  | 1260 | 2450 | 2130 | 2750 | 2750 | 2230  |
| 15  | 0    | 615  | 480  | 449  | 437  | 174  | 1290 | 2410 | 2120 | 2770 | 2750 | 2160  |
| 16  | 0    | 618  | 470  | 440  | 434  | 165  | 1280 | 2390 | 2070 | 2750 | 2760 | 2100  |
| 17  | 0    | 608  | 464  | 434  | 434  | 159  | 1290 | 2410 | 1940 | 2730 | 2780 | 1970  |
| 18  | 0    | 625  | 483  | 437  | 422  | 265  | 1160 | 2620 | 1830 | 2740 | 2780 | 1920  |
| 19  | 314  | 656  | 486  | 437  | 437  | 334  | 1070 | 2700 | 1850 | 2770 | 2760 | 1900  |
| 20  | 682  | 646  | 470  | 440  | 422  | 461  | 1080 | 2740 | 1870 | 2800 | 2750 | 1760  |
| 21  | 777  | 581  | 464  | 443  | 425  | 461  | 1080 | 2740 | 1890 | 2710 | 2740 | 1640  |
| 22  | 877  | 555  | 461  | 443  | 434  | 470  | 1080 | 2720 | 2000 | 2760 | 2740 | 1530  |
| 23  | 938  | 548  | 458  | 434  | 422  | 498  | 1300 | 2750 | 2180 | 2720 | 2680 | 1510  |
| 24  | 927  | 552  | 455  | 437  | 422  | 514  | 1410 | 2740 | 2360 | 2720 | 2660 | 1510  |
| 25  | 822  | 548  | 458  | 437  | 422  | 514  | 1620 | 2750 | 2440 | 2720 | 2680 | 1430  |
| 26  | 781  | 542  | 461  | 431  | 431  | 504  | 1730 | 2740 | 2380 | 2740 | 2580 | 1400  |
| 27  | 822  | 542  | 461  | 437  | 452  | 510  | 1810 | 2760 | 2190 | 2780 | 2570 | 1360  |
| 28  | 726  | 552  | 458  | 443  | 446  | 517  | 1810 | 2700 | 2200 | 2750 | 2560 | 1310  |
| 29  | 696  | 552  | 458  | 440  | —    | 588  | 1930 | 2700 | 2370 | 2740 | 2550 | 1350  |
| 30  | 696  | 545  | 458  | 437  | —    | 625  | 2010 | 2630 | 2390 | 2760 | 2560 | 1540  |
| 31  | 696  | 545  | 455  | 437  | —    | 601  | 2010 | 2660 | 2390 | 2780 | 2580 | 1540  |

|        |     |     |     |     |     |     |       |       |       |       |       |       |
|--------|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|
| 44,300 | 720 | 627 | 484 | 449 | 433 | 418 | 1,153 | 2,450 | 2,271 | 2,701 | 2,711 | 2,037 |
| 44,300 | 720 | 627 | 484 | 449 | 433 | 418 | 1,153 | 2,450 | 2,271 | 2,701 | 2,711 | 2,037 |
| 44,300 | 720 | 627 | 484 | 449 | 433 | 418 | 1,153 | 2,450 | 2,271 | 2,701 | 2,711 | 2,037 |

YUAN  
MIDIAN  
AGRA-PRAT  
997,050  
1,377



Year  
 Mean  
 1.847  
 1.337,540

|      |       |     |        |        |        |     |     |        |         |       |         |       |         |       |         |       |       |         |
|------|-------|-----|--------|--------|--------|-----|-----|--------|---------|-------|---------|-------|---------|-------|---------|-------|-------|---------|
| Mean | 1.137 | 561 | 69,890 | 33,370 | 30,140 | 517 | 479 | 29,390 | 107,500 | 3,545 | 187,100 | 3,144 | 219,200 | 3,565 | 221,100 | 3,595 | 2,747 | 163,500 |
|------|-------|-----|--------|--------|--------|-----|-----|--------|---------|-------|---------|-------|---------|-------|---------|-------|-------|---------|

| Day | 1920 | 1920 | 1920 | 1920 | 1920 | 1920 | 1920 | 1920 | 1920 | 1920 | 1920 | 1920 | 1920 | 1920 | 1920 | 1920 | 1920 | 1920 |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1   | 1920 | 548  | 462  | 470  | 518  | 505  | 489  | 3400 | 3400 | 3460 | 3460 | 3460 | 3460 | 3460 | 3460 | 3460 | 3460 | 3460 |
| 2   | 1920 | 462  | 462  | 462  | 513  | 513  | 489  | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 |
| 3   | 1950 | 462  | 462  | 462  | 526  | 526  | 489  | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 |
| 4   | 1850 | 462  | 462  | 462  | 510  | 510  | 491  | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 | 3400 |
| 5   | 1790 | 508  | 460  | 460  | 526  | 508  | 489  | 3290 | 3290 | 3290 | 3290 | 3290 | 3290 | 3290 | 3290 | 3290 | 3290 | 3290 |
| 6   | 1680 | 652  | 460  | 460  | 524  | 502  | 489  | 3430 | 3430 | 3430 | 3430 | 3430 | 3430 | 3430 | 3430 | 3430 | 3430 | 3430 |
| 7   | 1560 | 660  | 460  | 460  | 513  | 508  | 499  | 3480 | 3480 | 3480 | 3480 | 3480 | 3480 | 3480 | 3480 | 3480 | 3480 | 3480 |
| 8   | 1540 | 601  | 460  | 460  | 508  | 508  | 467  | 3490 | 3490 | 3490 | 3490 | 3490 | 3490 | 3490 | 3490 | 3490 | 3490 | 3490 |
| 9   | 1540 | 598  | 460  | 460  | 510  | 510  | 470  | 3470 | 3470 | 3470 | 3470 | 3470 | 3470 | 3470 | 3470 | 3470 | 3470 | 3470 |
| 10  | 1570 | 593  | 460  | 460  | 508  | 508  | 479  | 3490 | 3490 | 3490 | 3490 | 3490 | 3490 | 3490 | 3490 | 3490 | 3490 | 3490 |
| 11  | 1670 | 587  | 460  | 460  | 510  | 491  | 278  | 1040 | 1040 | 1040 | 1040 | 1040 | 1040 | 1040 | 1040 | 1040 | 1040 | 1040 |
| 12  | 1640 | 584  | 470  | 470  | 510  | 491  | 65   | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 |
| 13  | 1640 | 610  | 475  | 475  | 510  | 497  | 41   | 1210 | 1210 | 1210 | 1210 | 1210 | 1210 | 1210 | 1210 | 1210 | 1210 | 1210 |
| 14  | 1550 | 621  | 475  | 475  | 510  | 497  | 42   | 1420 | 1420 | 1420 | 1420 | 1420 | 1420 | 1420 | 1420 | 1420 | 1420 | 1420 |
| 15  | 612  | 632  | 486  | 486  | 510  | 480  | 29   | 1650 | 1650 | 1650 | 1650 | 1650 | 1650 | 1650 | 1650 | 1650 | 1650 | 1650 |
| 16  | 750  | 646  | 494  | 494  | 510  | 451  | 29   | 1680 | 1680 | 1680 | 1680 | 1680 | 1680 | 1680 | 1680 | 1680 | 1680 | 1680 |
| 17  | 467  | 640  | 508  | 508  | 516  | 449  | 767  | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 |
| 18  | 102  | 593  | 513  | 513  | 518  | 454  | 1140 | 1880 | 1880 | 1880 | 1880 | 1880 | 1880 | 1880 | 1880 | 1880 | 1880 | 1880 |
| 19  | 201  | 573  | 510  | 510  | 518  | 444  | 901  | 2130 | 2130 | 2130 | 2130 | 2130 | 2130 | 2130 | 2130 | 2130 | 2130 | 2130 |
| 20  | 750  | 551  | 516  | 516  | 518  | 441  | 784  | 3700 | 3700 | 3700 | 3700 | 3700 | 3700 | 3700 | 3700 | 3700 | 3700 | 3700 |
| 21  | 713  | 551  | 516  | 516  | 518  | 436  | 649  | 2770 | 2770 | 2770 | 2770 | 2770 | 2770 | 2770 | 2770 | 2770 | 2770 | 2770 |
| 22  | 722  | 559  | 518  | 518  | 518  | 431  | 540  | 3700 | 3700 | 3700 | 3700 | 3700 | 3700 | 3700 | 3700 | 3700 | 3700 | 3700 |
| 23  | 719  | 534  | 516  | 516  | 521  | 446  | 516  | 3690 | 3690 | 3690 | 3690 | 3690 | 3690 | 3690 | 3690 | 3690 | 3690 | 3690 |
| 24  | 719  | 494  | 516  | 516  | 518  | 470  | 516  | 3290 | 3290 | 3290 | 3290 | 3290 | 3290 | 3290 | 3290 | 3290 | 3290 | 3290 |
| 25  | 781  | 494  | 516  | 516  | 518  | 467  | 518  | 3570 | 3570 | 3570 | 3570 | 3570 | 3570 | 3570 | 3570 | 3570 | 3570 | 3570 |
| 26  | 859  | 491  | 516  | 516  | 521  | 475  | 524  | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 |
| 27  | 885  | 489  | 515  | 515  | 516  | 475  | 518  | 3480 | 3480 | 3480 | 3480 | 3480 | 3480 | 3480 | 3480 | 3480 | 3480 | 3480 |
| 28  | 875  | 483  | 515  | 515  | 518  | 475  | 521  | 3520 | 3520 | 3520 | 3520 | 3520 | 3520 | 3520 | 3520 | 3520 | 3520 | 3520 |
| 29  | 796  | 480  | 515  | 515  | 521  | 480  | 526  | 3520 | 3520 | 3520 | 3520 | 3520 | 3520 | 3520 | 3520 | 3520 | 3520 | 3520 |
| 30  | 741  | 472  | 515  | 515  | 524  | 548  | 559  | 3530 | 3530 | 3530 | 3530 | 3530 | 3530 | 3530 | 3530 | 3530 | 3530 | 3530 |
| 31  | 725  |      | 518  | 518  | 513  |      |      | 3540 | 3540 | 3540 | 3540 | 3540 | 3540 | 3540 | 3540 | 3540 | 3540 | 3540 |

Plate No. 51  
 Aug.  
 July  
 June  
 May  
 Apr.  
 Mar.  
 Feb.  
 Jan.  
 Dec.  
 Nov.  
 Oct.



Plate No. 55

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|-----|------|------|------|------|------|------|------|-----|------|------|------|-------|
| 1   | 85   | 227  | 1000 | 1920 | 2060 | 2390 | 4720 | 579 | 646  | 39   | 330  | 148   |
| 2   | 201  | 246  | 1010 | 1930 | 2040 | 2560 | 4330 | 844 | 1620 | 39   | 322  | 154   |
| 3   | 203  | 267  | 1000 | 1950 | 2040 | 2630 | 3740 | 646 | 799  | 39   | 319  | 147   |
| 4   | 195  | 272  | 960  | 2010 | 2040 | 2640 | 5300 | 595 | 1060 | 322  | 322  | 155   |
| 5   | 195  | 272  | 984  | 2000 | 2030 | 2630 | 5430 | 606 | 2640 | 322  | 322  | 150   |
| 6   | 197  | 267  | 972  | 1980 | 2020 | 2580 | 5270 | 264 | 650  | 322  | 322  | 152   |
| 7   | 195  | 264  | 954  | 1960 | 2000 | 3100 | 5280 | 296 | 53   | 325  | 325  | 152   |
| 8   | 190  | 262  | 1440 | 1960 | 1980 | 3250 | 4690 | 269 | 824  | 328  | 328  | 150   |
| 9   | 190  | 259  | 1810 | 1960 | 1970 | 2970 | 4050 | 262 | 602  | 330  | 328  | 157   |
| 10  | 195  | 262  | 1800 | 1990 | 2720 | 4080 | 244  | 762 | 249  | 328  | 328  | 155   |
| 11  | 197  | 269  | 2180 | 2010 | 2720 | 4700 | 319  | 900 | 249  | 333  | 333  | 150   |
| 12  | 220  | 275  | 2170 | 1990 | 3040 | 5890 | 351  | 622 | 246  | 333  | 336  | 150   |
| 13  | 227  | 269  | 2200 | 1980 | 3260 | 348  | 599  | 285 | 322  | 330  | 325  | 150   |
| 14  | 479  | 269  | 2180 | 1950 | 3320 | 351  | 591  | 319 | 322  | 325  | 325  | 148   |
| 15  | 696  | 272  | 2140 | 1980 | 3250 | 354  | 602  | 316 | 325  | 325  | 325  | 148   |
| 16  | 717  | 275  | 2060 | 2030 | 3250 | 354  | 250  | 316 | 325  | 325  | 325  | 148   |
| 17  | 717  | 264  | 1920 | 2010 | 2190 | 1060 | 42   | 319 | 328  | 328  | 328  | 150   |
| 18  | 726  | 277  | 1840 | 2030 | 1910 | 97   | 342  | 319 | 328  | 328  | 328  | 152   |
| 19  | 713  | 288  | 1860 | 2030 | 2460 | 174  | 149  | 328 | 325  | 325  | 325  | 148   |
| 20  | 675  | 666  | 1820 | 2040 | 2690 | 1170 | 36   | 396 | 325  | 325  | 325  | 145   |
| 21  | 348  | 1080 | 1860 | 2050 | 2590 | 3220 | 438  | 313 | 325  | 325  | 325  | 144   |
| 22  | 234  | 1120 | 1900 | 2060 | 2460 | 2070 | 599  | 322 | 333  | 333  | 333  | 152   |
| 23  | 234  | 1140 | 1880 | 2120 | 2440 | 2730 | 766  | 316 | 342  | 342  | 342  | 148   |
| 24  | 234  | 1130 | 1900 | 2090 | 2330 | 2270 | 912  | 316 | 333  | 333  | 333  | 148   |
| 25  | 234  | 1100 | 1910 | 2070 | 2190 | 222  | 8480 | 328 | 328  | 328  | 328  | 150   |
| 26  | 234  | 1080 | 1910 | 2060 | 2390 | 140  | 7020 | 325 | 328  | 328  | 328  | 148   |
| 27  | 234  | 1070 | 1910 | 2090 | 2460 | 139  | 8590 | 579 | 330  | 330  | 330  | 154   |
| 28  | 234  | 1060 | 1920 | 2080 | 2540 | 244  | 8480 | 43  | 325  | 325  | 325  | 154   |
| 29  | 232  | 1030 | 1920 | 2080 | 2540 | 7990 | 428  | 42  | 325  | 325  | 325  | 154   |
| 30  | 229  | 1030 | 1930 | 2070 | 2580 | 4870 | 322  | 39  | 322  | 322  | 322  | 155   |

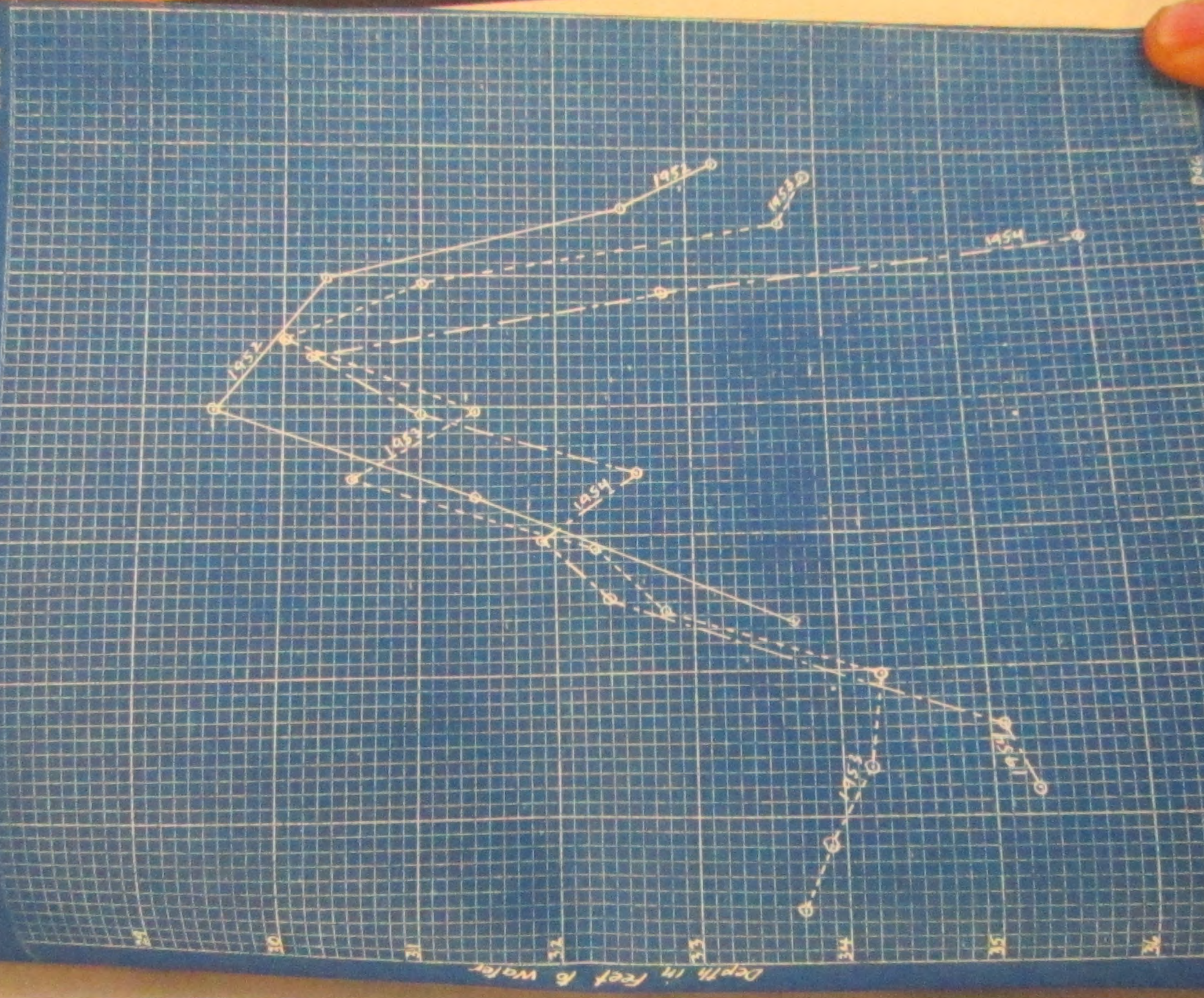
[illegible]

Yuan  
Mian  
1.255  
930.580



Bob Chandler Well, Sec 9, T45, R32E Plate No. 69

CPD 16-1058-1



Date

Checked by

Date

Prepared by  
sheets

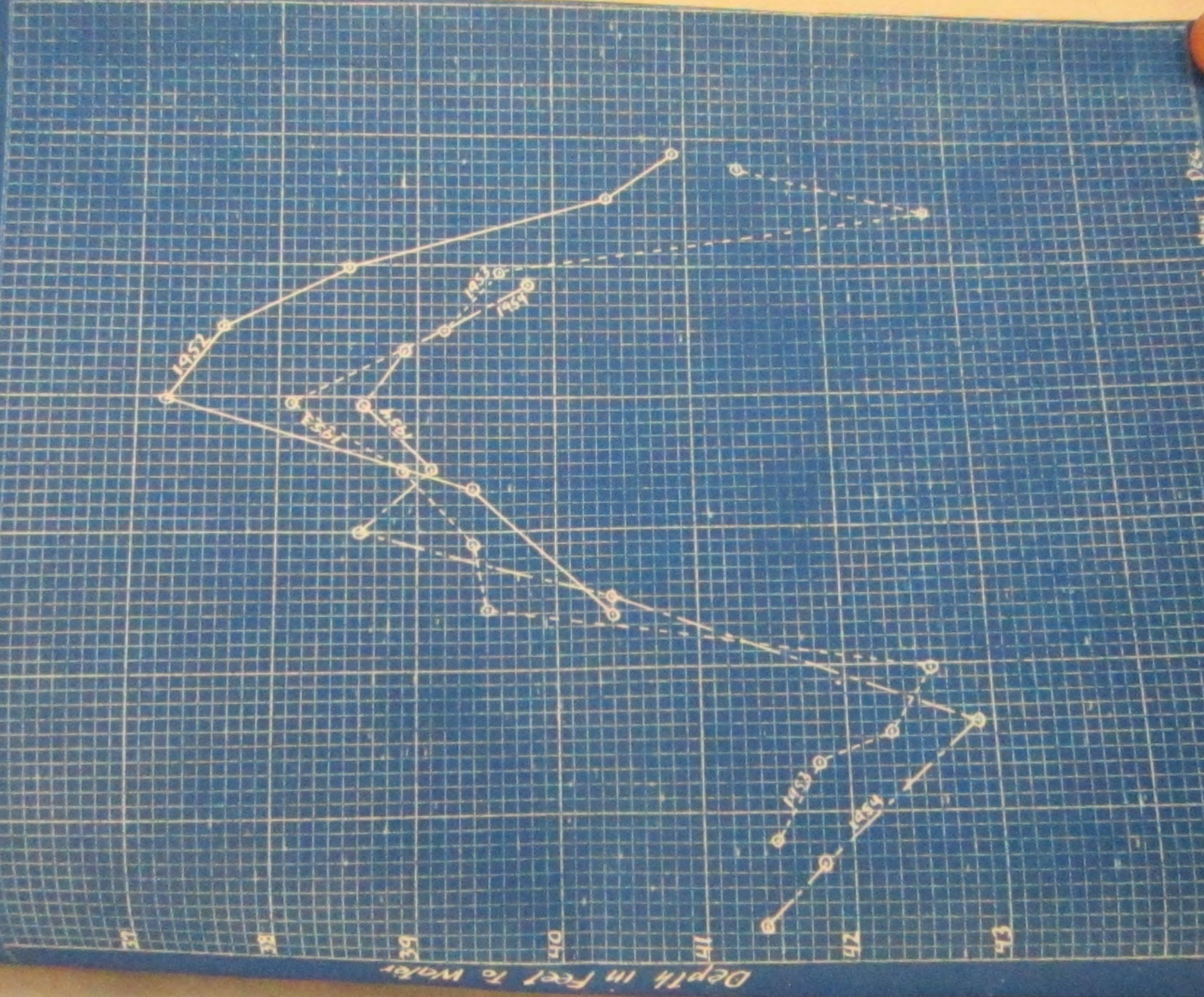


UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

File Number  
Washington District

G.R. Atwood Well, Sec. 22, T.3 S., R. 33 E., Plate No. 70

SPD 16-13850-1



Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec

Prepared by \_\_\_\_\_ Date \_\_\_\_\_

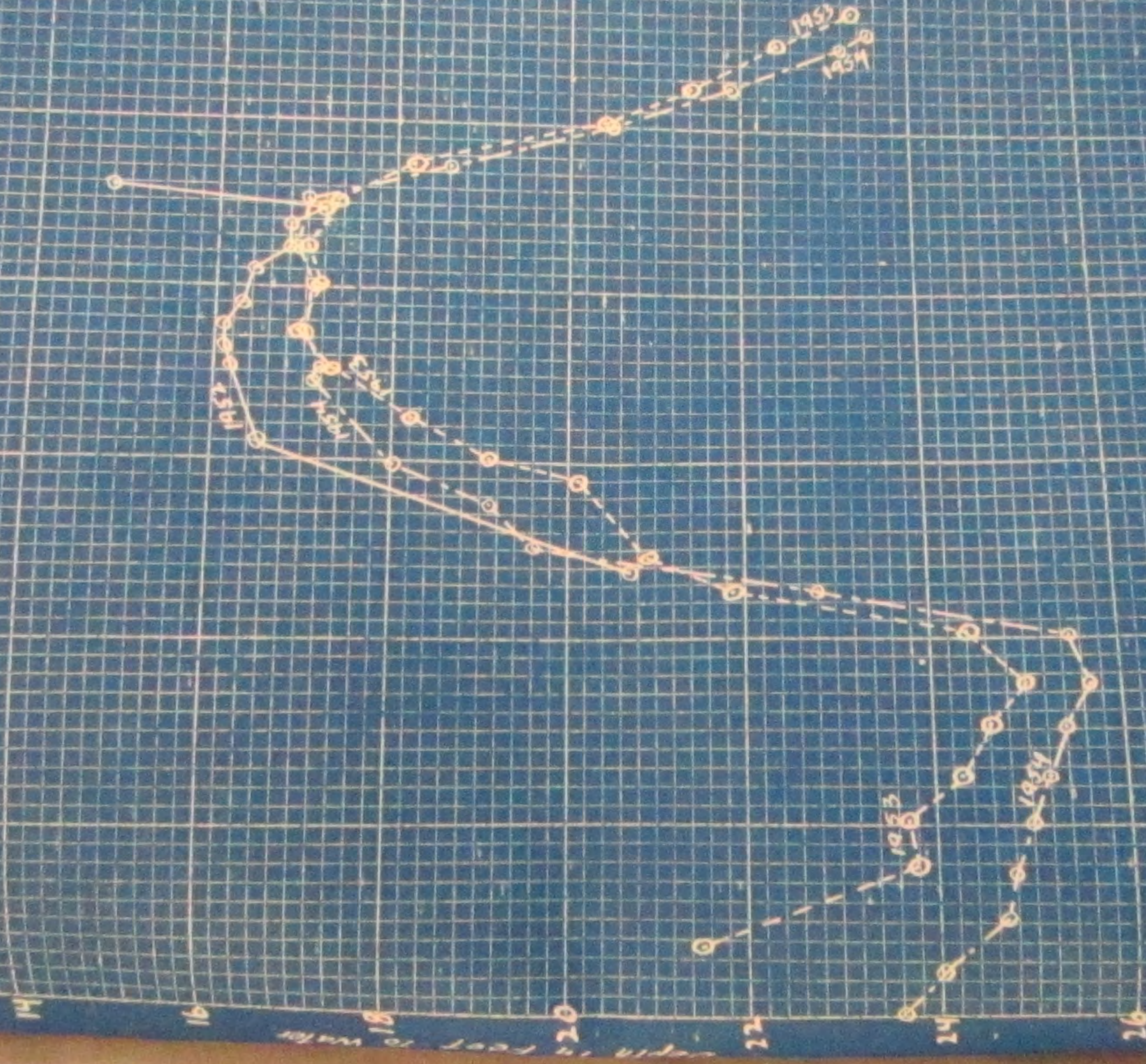
Checked by \_\_\_\_\_ Date \_\_\_\_\_

sheets



Glen Cranch well, Sec. 8, T.3 S., R. 34 E.

WFO 16-15500-1



Date

Checked by

Date

Prepared by

Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec.



89-1346-1



Date

Checked by

Date

Prepared by



Paul Evans Well, Sec. 13, T. 7S., R. 31E.

Plate No. 73

GPO 16-55609-1

Depth in Feet to Water

58

59

60

61



Date

Checked by

Date

Prepared by

Jan | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept | Oct | Nov | Dec.