



# BUREAU OF RECLAMATION

Historical Archive and Report Database

## New Melones Lake Daily Operations

Run Date: 4/21/2023

September 2022

| DAY       | ELEV   | STORAGE <sup>1000</sup> ACRE-FEET |         | COMPUTED*<br>INFLOW<br>C.F.S. | RELEASE - C.F.S. |       |        | EVAPORATION |        | PRECIP<br>INCHES |
|-----------|--------|-----------------------------------|---------|-------------------------------|------------------|-------|--------|-------------|--------|------------------|
|           |        | IN LAKE                           | CHANGE  |                               | POWER            | SPILL | OUTLET | C. F. S.    | INCHES |                  |
|           |        | 640.7                             |         |                               |                  |       |        |             |        |                  |
| 1         | 885.17 | 639.2                             | -1.5    | 694                           | 1,396            | 0     | 0      | 67          | 0.38   | 0.00             |
| 2         | 885.05 | 638.5                             | -0.7    | 757                           | 1,011            | 0     | 0      | 76          | 0.43   | 0.00             |
| 3         | 884.76 | 637.0                             | -1.6    | 773                           | 1,480            | 0     | 0      | 86          | 0.49   | 0.00             |
| 4         | 884.64 | 636.3                             | -0.6    | 814                           | 1,067            | 0     | 0      | 75          | 0.43   | 0.00             |
| 5         | 884.53 | 635.7                             | -0.6    | 907                           | 1,132            | 0     | 0      | 75          | 0.43   | 0.00             |
| 6         | 884.39 | 635.0                             | -0.8    | 1,156                         | 1,456            | 0     | 0      | 82          | 0.47   | 0.00             |
| 7         | 884.37 | 634.8                             | -0.1    | 818                           | 789              | 0     | 0      | 84          | 0.48   | 0.00             |
| 8         | 884.33 | 634.6                             | -0.2    | 1,004                         | 1,032            | 0     | 0      | 81          | 0.46   | 0.00             |
| 9         | 883.84 | 632.0                             | -2.6    | 852                           | 2,108            | 0     | 0      | 80          | 0.46   | 0.00             |
| 10        | 883.60 | 630.7                             | -1.3    | 529                           | 1,116            | 0     | 0      | 65          | 0.37   | 0.00             |
| 11        | 883.05 | 627.7                             | -3.0    | 506                           | 1,953            | 0     | 0      | 47          | 0.27   | 0.01             |
| 12        | 882.81 | 626.4                             | -1.3    | 582                           | 1,177            | 0     | 0      | 54          | 0.31   | 0.00             |
| 13        | 882.73 | 626.0                             | -0.4    | 509                           | 676              | 0     | 0      | 49          | 0.28   | 0.00             |
| 14        | 882.38 | 624.1                             | -1.9    | 492                           | 1,393            | 0     | 0      | 45          | 0.26   | 0.00             |
| 15        | 882.21 | 623.2                             | -0.9    | 493                           | 910              | 0     | 0      | 42          | 0.24   | 0.00             |
| 16        | 881.93 | 621.7                             | -1.5    | 628                           | 1,351            | 0     | 0      | 33          | 0.19   | 0.00             |
| 17        | 881.61 | 620.0                             | -1.7    | 467                           | 1,284            | 0     | 0      | 43          | 0.25   | 0.00             |
| 18        | 881.48 | 619.3                             | -0.7    | 573                           | 876              | 0     | 0      | 47          | 0.27   | 0.00             |
| 19        | 881.31 | 618.4                             | -0.9    | 753                           | 1,194            | 0     | 0      | 16          | 0.09   | 0.36             |
| 20        | 881.09 | 617.2                             | -1.2    | -14                           | 568              | 0     | 0      | 9           | 0.05   | 0.60             |
| 21        | 881.07 | 617.1                             | -0.1    | 11                            | 39               | 0     | 0      | 26          | 0.15   | 0.02             |
| 22        | 881.17 | 617.7                             | 0.5     | 673                           | 390              | 0     | 0      | 14          | 0.08   | 0.12             |
| 23        | 881.13 | 617.5                             | -0.2    | 664                           | 735              | 0     | 0      | 36          | 0.21   | 0.00             |
| 24        | 881.14 | 617.5                             | 0.1     | 835                           | 755              | 0     | 0      | 53          | 0.31   | 0.00             |
| 25        | 881.20 | 617.8                             | 0.3     | 834                           | 620              | 0     | 0      | 53          | 0.31   | 0.00             |
| 26        | 881.28 | 618.3                             | 0.4     | 801                           | 539              | 0     | 0      | 47          | 0.27   | 0.00             |
| 27        | 881.32 | 618.5                             | 0.2     | 837                           | 689              | 0     | 0      | 41          | 0.24   | 0.00             |
| 28        | 881.45 | 619.2                             | 0.7     | 998                           | 597              | 0     | 0      | 52          | 0.30   | 0.00             |
| 29        | 881.41 | 618.9                             | -0.2    | 952                           | 1,012            | 0     | 0      | 47          | 0.27   | 0.00             |
| 30        | 881.43 | 619.1                             | 0.1     | 1,048                         | 978              | 0     | 0      | 16          | 0.09   | 0.00             |
| TOTALS    |        |                                   | -21.7   | 20,946                        | 30,323           | 0     | 0      | 1,541       | 8.84   | 1.11             |
| ACRE-FEET |        |                                   | -21,700 | 41,546                        | 60,146           | 0     | 0      | 3,057       |        |                  |

Comments: \* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES, PUMPING AND EVAPORATION

### SUMMARY

| Release (ACRE-FEET) |        |                |        | Precipitation              |       |
|---------------------|--------|----------------|--------|----------------------------|-------|
| Power               | 60,146 | Outlet         | 0      | This month =               | 1.11  |
| Spill               | 0      | Total Releases | 60,146 | October 01, 2021 To date = | 20.73 |