

UNITED STATES DEPARTMENT OF THE INTERIOR
U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

OCTOBER 2021

NEW MELONES LAKE DAILY OPERATIONS

RUN DATE: November 18, 2021

| DAY | ELEV | STORAGE | | COMPUTED* INFLOW C.F.S. | RELEASE - C.F.S. | | | EVAPORATION | | PRECIP INCHES |
|------------------|--------|---------------------------|----------------|-------------------------------|------------------|----------|----------|--------------|-------------|------------------|
| | | 1000 ACRE-Feet IN LAKE | CHANGE | | POWER | SPILL | OUTLET | C.F.S. | INCHES | |
| | | 842.5 | | | | | | | | |
| 1 | 919.32 | 842.1 | -0.4 | 289 | 418 | 0 | 0 | 67 | .32 | .00 |
| 2 | 919.23 | 841.5 | -0.6 | 299 | 521 | 0 | 0 | 71 | .34 | .00 |
| 3 | 919.15 | 841.0 | -0.5 | 162 | 364 | 0 | 0 | 59 | .28 | .00 |
| 4 | 918.92 | 839.5 | -1.5 | 172 | 865 | 0 | 0 | 56 | .27 | .00 |
| 5 | 918.77 | 838.6 | -1.0 | 174 | 601 | 0 | 0 | 60 | .29 | .00 |
| 6 | 918.72 | 838.3 | -0.3 | 220 | 328 | 0 | 0 | 54 | .26 | .00 |
| 7 | 918.62 | 837.6 | -0.6 | 65 | 346 | 0 | 0 | 44 | .21 | .00 |
| 8 | 918.56 | 837.2 | -0.4 | 156 | 305 | 0 | 0 | 46 | .22 | .08 |
| 9 | 918.58 | 837.4 | +0.1 | 245 | 138 | 0 | 0 | 42 | .20 | .00 |
| 10 | 918.55 | 837.2 | -0.2 | 253 | 309 | 0 | 0 | 42 | .20 | .00 |
| 11 | 918.48 | 836.7 | -0.5 | 152 | 329 | 0 | 0 | 50 | .24 | .00 |
| 12 | 918.37 | 836.0 | -0.7 | 64 | 375 | 0 | 0 | 46 | .22 | .00 |
| 13 | 918.30 | 835.5 | -0.5 | 206 | 373 | 0 | 0 | 60 | .29 | .00 |
| 14 | 918.17 | 834.7 | -0.8 | 194 | 570 | 0 | 0 | 46 | .22 | .00 |
| 15 | 917.96 | 833.4 | -1.4 | 221 | 848 | 0 | 0 | 54 | .26 | .00 |
| 16 | 917.72 | 831.8 | -1.5 | 241 | 960 | 0 | 0 | 56 | .27 | .00 |
| 17 | 917.29 | 829.1 | -2.8 | 293 | 1,620 | 0 | 0 | 62 | .30 | .00 |
| 18 | 917.00 | 827.2 | -1.9 | 253 | 1,145 | 0 | 0 | 45 | .22 | .10 |
| 19 | 916.81 | 826.0 | -1.2 | 258 | 842 | 0 | 0 | 27 | .13 | .02 |
| 20 | 916.66 | 825.0 | -1.0 | 303 | 756 | 0 | 0 | 29 | .14 | .00 |
| 21 | 916.51 | 824.1 | -1.0 | 350 | 799 | 0 | 0 | 33 | .16 | .15 |
| 22 | 916.28 | 822.6 | -1.5 | 527 | 1,247 | 0 | 0 | 19 | .09 | .05 |
| 23 | 915.98 | 820.7 | -1.9 | 376 | 1,338 | 0 | 0 | 2 | .01 | .92 |
| 24 | 915.89 | 820.1 | -0.6 | 1,089 | 1,358 | 0 | 0 | 19 | .09 | .63 |
| 25 | 917.01 | 827.3 | +7.1 | 4,423 | 794 | 0 | 0 | 31 | .15 | 3.10 |
| 26 | 917.06 | 827.6 | +0.3 | 1,015 | 844 | 0 | 0 | 10 | .05 | .58 |
| 27 | 917.12 | 828.0 | +0.4 | 538 | 325 | 0 | 0 | 19 | .09 | .00 |
| 28 | 917.18 | 828.4 | +0.4 | 475 | 262 | 0 | 0 | 19 | .09 | .00 |
| 29 | 917.22 | 828.6 | +0.3 | 572 | 421 | 0 | 0 | 21 | .10 | .00 |
| 30 | 917.16 | 828.2 | -0.4 | 867 | 1,036 | 0 | 0 | 25 | .12 | .00 |
| 31 | 917.14 | 828.1 | -0.1 | 851 | 893 | 0 | 0 | 23 | .11 | .00 |
| TOTALS | | | -14.7 | 15,303 | 21,330 | 0 | 0 | 1,237 | 5.94 | 5.63 |
| ACRE-Feet | | | -14,700 | 30,354 | 42,308 | 0 | 0 | 2,454 | | |

COMMENTS:

* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

SUMMARY

| | | | | | |
|-------|---------------------|--------|--------|------------------------|------|
| | RELEASE (ACRE-Feet) | | | PRECIPITATION | |
| POWER | 42,308 | OUTLET | 0 | THIS MONTH = | 5.63 |
| SPILL | 0 | TOTAL | 42,308 | JULY 1, 2021 TO DATE = | 5.67 |
| | | | | OCT 1, 2021 TO DATE = | 5.63 |