

## UNITED STATES DEPARTMENT OF THE INTERIOR

APRIL 2019

## LAKE SOLANO DAILY OPERATIONS

RUN DATE: 05/01/2019

| DAY       | ELEV   | STORAGE   |         | COMPUTED* | — RELEASE - C.F.S. — |        | EVAPORATION |        | PRECIP |
|-----------|--------|-----------|---------|-----------|----------------------|--------|-------------|--------|--------|
|           |        | ACRE-FEET | IN LAKE |           | PUTAH                | PUTAH  | C.F.S.      | INCHES |        |
|           |        | CHANGE    |         | INFLOW    | SOUTH                | CREEK  |             |        | INCHES |
|           |        |           |         | C.F.S.    |                      |        |             |        |        |
|           |        | 551       |         |           |                      |        |             |        |        |
| 1         | 129.67 | 548       | -3      | 1.994     | 79                   | 1.916  | 1           | .20    | .00    |
| 2         | 129.80 | 560       | +12     | 1.918     | 84                   | 1.828  | 0           | .08    | .09    |
| 3         | 129.89 | 569       | +9      | 1.802     | 81                   | 1.716  | 0           | .09    | .00    |
| 4         | 129.93 | 573       | +4      | 1.700     | 89                   | 1.609  | 0           | .05    | .00    |
| 5         | 129.97 | 578       | +5      | 1.612     | 99                   | 1.509  | 1           | .15    | .00    |
| 6         | 129.98 | 579       | +1      | 1.562     | 106                  | 1.455  | 0           | .10    | .04    |
| 7         | 129.92 | 572       | -7      | 1.611     | 118                  | 1.497  | 0           | .10    | .00    |
| 8         | 129.72 | 553       | -19     | 1.482     | 120                  | 1.371  | 1           | .19    | .00    |
| 9         | 129.74 | 555       | +2      | 1.436     | 111                  | 1.324  | 0           | .10    | .01    |
| 10        | 129.77 | 557       | +2      | 1.446     | 90                   | 1.354  | 1           | .30    | .00    |
| 11        | 129.95 | 576       | +19     | 1.361     | 89                   | 1.261  | 1           | .35    | .00    |
| 12        | 130.22 | 603       | +27     | 1.152     | 101                  | 1.036  | 1           | .29    | .00    |
| 13        | 130.44 | 627       | +24     | 1.112     | 116                  | 983    | 1           | .26    | .00    |
| 14        | 129.73 | 554       | -73     | 1.052     | 120                  | 968    | 1           | .22    | .00    |
| 15        | 129.67 | 548       | -6      | 1.011     | 118                  | 895    | 1           | .32    | .00    |
| 16        | 129.98 | 579       | +31     | 968       | 124                  | 828    | 0           | .08    | .01    |
| 17        | 129.61 | 542       | -37     | 921       | 119                  | 821    | 0           | .14    | .00    |
| 18        | 130.09 | 590       | +48     | 880       | 135                  | 720    | 1           | .26    | .00    |
| 19        | 130.09 | 590       | +0      | 816       | 148                  | 667    | 1           | .23    | .00    |
| 20        | 130.13 | 594       | +4      | 747       | 148                  | 596    | 1           | .28    | .00    |
| 21        | 130.01 | 582       | -12     | 694       | 147                  | 552    | 1           | .27    | .00    |
| 22        | 129.95 | 576       | -6      | 653       | 158                  | 497    | 1           | .29    | .00    |
| 23        | 130.18 | 599       | +23     | 600       | 180                  | 407    | 1           | .43    | .00    |
| 24        | 130.08 | 589       | -10     | 550       | 196                  | 358    | 1           | .38    | .00    |
| 25        | 130.40 | 623       | +34     | 524       | 202                  | 304    | 1           | .38    | .00    |
| 26        | 130.25 | 607       | -16     | 467       | 228                  | 246    | 1           | .31    | .00    |
| 27        | 130.71 | 657       | +50     | 442       | 265                  | 151    | 1           | .28    | .00    |
| 28        | 130.43 | 626       | -31     | 414       | 281                  | 148    | 1           | .29    | .00    |
| 29        | 130.62 | 646       | +20     | 431       | 287                  | 133    | 1           | .22    | .00    |
| 30        | 130.22 | 603       | -43     | 402       | 287                  | 136    | 1           | .35    | .00    |
| TOTALS    |        |           | +52     | 31.760    | 4.426                | 27.286 | 22          | 6.99   | .15    |
| ACRE-FEET |        |           | +52     | 62.996    | 8.779                | 54.122 | 44          |        |        |

COMMENTS:

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

## SUMMARY

## RELEASE (ACRE-FEET)

|                   |        |
|-------------------|--------|
| PUTAH SOUTH CANAL | 8,779  |
| PUTAH CREEK       | 54,122 |

## PRECIPITATION

|                        |       |
|------------------------|-------|
| THIS MONTH =           | .15   |
| JULY 1, 2018 TO DATE = | 37.99 |
| OCT 1, 2018 TO DATE =  | 37.98 |