



Historical Archive and Report Database

— BUREAU OF — Lake Shasta Flood Control Requirements
RECLAMATION

Run Date: 10/10/2024

September 2024

| Day | Shasta Inflow C.F.S. 1 | Prev Day F.C. Par (Col. 3) X .95 2 | F.C Param (Cols. 1+2) 3 | .0356* X Days 12/23 Thru 3/20 4 | 530,000 Minus F.C. Param (Col 3) 5 | Cols 4x5 6 | F.C. Reserv (1,300,000 - Col 6) 7 | Minus 14,943 Per Day After 3/20 8 | Adjusted F.C. Reserv (7-8) | Perm Storage |
|-----|------------------------|------------------------------------|-------------------------|---------------------------------|------------------------------------|------------|-----------------------------------|-----------------------------------|----------------------------|--------------|
| | | | 61,596 | | | | | | | |
| 1 | 2,799 | 58,517 | 61,316 | | | | 1,300,000 | | | 5,170,000 |
| 2 | 2,679 | 58,250 | 60,929 | | | | 1,300,000 | | | 5,149,000 |
| 3 | 3,189 | 57,882 | 61,071 | | | | 1,300,000 | | | 5,127,000 |
| 4 | 2,286 | 58,018 | 60,304 | | | | 1,300,000 | | | 5,106,000 |
| 5 | 3,422 | 57,289 | 60,711 | | | | 1,300,000 | | | 5,085,000 |
| 6 | 2,525 | 57,675 | 60,200 | | | | 1,300,000 | | | 5,063,000 |
| 7 | 3,729 | 57,190 | 60,919 | | | | 1,300,000 | | | 5,042,000 |
| 8 | 3,001 | 57,873 | 60,874 | | | | 1,300,000 | | | 5,021,000 |
| 9 | 3,696 | 57,830 | 61,526 | | | | 1,300,000 | | | 5,000,000 |
| 10 | 3,335 | 58,450 | 61,785 | | | | 1,300,000 | | | 4,978,000 |
| 11 | 2,812 | 58,696 | 61,508 | | | | 1,300,000 | | | 4,957,000 |
| 12 | 2,660 | 58,432 | 61,092 | | | | 1,300,000 | | | 4,936,000 |
| 13 | 2,341 | 58,038 | 60,379 | | | | 1,300,000 | | | 4,914,000 |
| 14 | 2,845 | 57,360 | 60,205 | | | | 1,300,000 | | | 4,893,000 |
| 15 | 3,202 | 57,195 | 60,397 | | | | 1,300,000 | | | 4,872,000 |
| 16 | 3,231 | 57,377 | 60,608 | | | | 1,300,000 | | | 4,850,000 |
| 17 | 2,875 | 57,578 | 60,453 | | | | 1,300,000 | | | 4,829,000 |
| 18 | 2,821 | 57,430 | 60,251 | | | | 1,300,000 | | | 4,808,000 |
| 19 | 2,644 | 57,238 | 59,882 | | | | 1,300,000 | | | 4,786,000 |
| 20 | 3,216 | 56,888 | 60,104 | | | | 1,300,000 | | | 4,765,000 |
| 21 | 1,642 | 57,099 | 58,741 | | | | 1,300,000 | | | 4,744,000 |
| 22 | 2,622 | 55,804 | 58,426 | | | | 1,300,000 | | | 4,722,000 |
| 23 | 3,640 | 55,505 | 59,145 | | | | 1,300,000 | | | 4,701,000 |
| 24 | 2,752 | 56,188 | 58,940 | | | | 1,300,000 | | | 4,680,000 |
| 25 | 2,007 | 55,993 | 58,000 | | | | 1,300,000 | | | 4,659,000 |
| 26 | 2,600 | 55,100 | 57,700 | | | | 1,300,000 | | | 4,637,000 |
| 27 | 3,452 | 54,815 | 58,267 | | | | 1,300,000 | | | 4,616,000 |
| 28 | 2,222 | 55,353 | 57,575 | | | | 1,300,000 | | | 4,595,000 |
| 29 | 1,490 | 54,696 | 56,186 | | | | 1,300,000 | | | 4,573,000 |
| 30 | 303 | 53,377 | 53,680 | | | | 1,300,000 | | | 4,552,000 |

Comments:

* LEAP YEAR CONSTANT = .0352

CONSTANT .0356 = 1,300,000 / (TOTAL DAYS X (530,000 - 110,000))

IF COL 3 IS GREATER THAN 530,000 OR LESS THAN 110,000 USE THOSE VALUES FOR COL 3 INSTEAD OF THE COMPUTED VALUE