

Rainfall and Reservoir Updates

| Sub-Region | Area / Rain Station | Average Annual Rainfall | 2022-23 Water Year Total Rainfall | 2023-24 Water Year | | | | | | | | | | | | | |
|-------------|---|-------------------------|-----------------------------------|--------------------|--------|--------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|------------------|--------------------|
| | | | | July 23 | Aug 23 | Sep 23 | Oct 23 | Nov 23 | Dec 23 | Jan 24 | Feb 24 | Mar 24 | Apr 24 | May 24 | Jun 24 | Cumulative Total | % of Total Average |
| North Coast | Cambria Area (ALERT #717) | 22.0 | 40.77 (185%) | 0.01 | 0.11 | 0.15 | 0.03 | 2.53 | 5.00 | 4.45 | 6.00 ^A | | | | | 18.28 | 83% |
| | Whale Rock Reservoir (County Site #166.1) | 16.0 | 28.65 (179%) | 0 | 0.15 | 0.17 | 0.10 | 0 | 4.18 | 3.55 | ^C | | | | | 8.15 | 51% |
| Inland | Paso Robles (County Site #10.0) | 14.1 | 28.86 (205%) | 0 | 0.02 | 0 | 0 | 1.97 | 4.82 | 3.14 | 5.93 ^A | | | | | 15.88 | 113% |
| | NE Atascadero (ALERT #711) | 17.0 | 28.87 (170%) | 0 | 0.04 | 0 | 0 | 0.75 | 3.15 | 2.48 | 4.53 ^A | | | | | 10.95 | 64% |
| | Atascadero MWC (County Site #34.0) | 17.5 | 37.58 (215%) | 0 | 0.09 | 0 | 0 | 1.15 | 4.62 | 3.47 | 7.38 ^A | | | | | 16.71 | 96% |
| | Santa Margarita (ALERT #723) | 24.0 | 47.95 (200%) | 0 | 0.12 | 0 | 0 | 1.14 | 5.26 | 3.05 | 6.42 ^A | | | | | 15.99 | 67% |
| | Salinas Dam (ALERT #719) | 20.9 | 51.37 (246%) | 0 | 0 | 0.03 | 0 | 0.57 | 5.86 | 3.44 | 9.10 ^A | | | | | 19.00 | 91% |
| | Rocky Butte (ALERT #703) | 40.0 | 96.60 (242%) | 0 | 0.55 | 0.43 | 0.16 | 5.08 | 20.96 | 13.75 | 14.07 ^A | | | | | 55.00 | 138% |
| South Coast | SLO Reservoir (ALERT #749) | 24.0 | 53.16 (222%) | 0 | 0 | 0.16 | 0.03 | 1.51 | 5.09 | 4.44 | 5.26 ^A | | | | | 16.49 | 69% |
| | Lopez Dam (ALERT #737) | 21.0 | 48.38 (230%) | 0 | 0.01 | 0.16 | 0 | 1.32 | 5.82 | 3.59 | 8.23 ^A | | | | | 19.13 | 91% |
| | Nipomo South (ALERT #730) | 16.0 | 26.86 (168%) | 0.03 | 0.09 | 0.06 | 0.06 | 0.73 | 4.70 | 1.88 | 5.23 ^A | | | | | 12.78 | 80% |
| | Nipomo East (ALERT #728) | 18.0 | 38.76 (215%) | 0 | 0.07 | 0.27 | 0.02 | 0.99 | 5.76 | 2.49 | 7.09 ^A | | | | | 16.69 | 93% |

A - Report generated at 2:00 PM on 02-27-2024

B - Due to an equipment malfunction, not all rain was recorded at this site.

C - Information not available at time of update

D - Missing data

E - Planned maintenance outage; data to be included in future update.

Notes:

This table contains provisional data from automated gauges and has not been verified.
All units reported in inches.

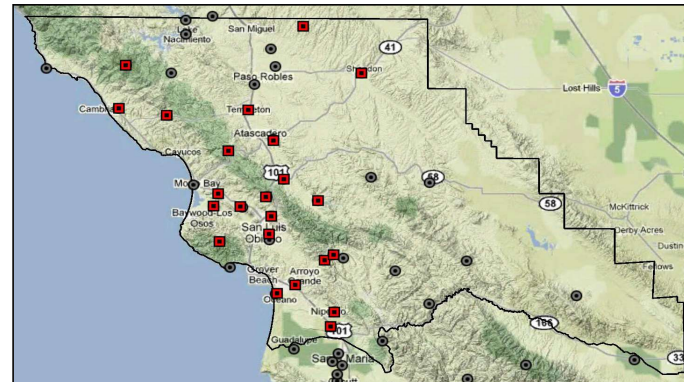
Reservoir Update

| Reservoir | Date | Water Elevation (ft) | Spillway Elevation (ft) | Storage (acre-feet) | Capacity (%) |
|--|-------------------|----------------------|---|---------------------|--------------|
| Nacimiento Reservoir | February 23, 2024 | 790.65 | 787.75 - 800.0 (wigates fully inflated) | 326,495 | 86% |
| | February 22, 2023 | 789.40 | | 319,900 | 85% |
| San Antonio Reservoir | February 23, 2024 | 763.30 | 780.0 | 250,650 | 75% |
| | February 22, 2023 | 731.25 | | 133,988 | 40% |
| Lopez Reservoir | February 23, 2024 | 522.78 | 522.7 | 49,554 | 100% |
| | February 22, 2023 | 493.84 | | 27,266 | 55% |
| Salinas Reservoir (Santa Margarita Lake) | February 23, 2024 | 1,301.31 | 1300.7 | 24,262 | 102% |
| | February 22, 2023 | 1,300.89 | | 23,953 | 100% |
| Whale Rock Reservoir | February 23, 2024 | 216.00 | 218.3 | 38,966 | 100% |
| | February 22, 2023 | 209.50 | | 35,286 | 91% |
| Twitchell Reservoir | February 23, 2024 | 560.24 | 651.5 | 14,529 | 7% |
| | February 22, 2023 | 606.80 | | 72,605 | 37% |

Note 1: Historically, Twitchell Reservoir elevation gauge does not report values below 539 ft. Twitchell Reservoir was designed for protection from flood and drought. Excess rain runoff is stored in the reservoir protecting the valley from flood, then water is released as quickly as possible while still allowing it to recharge the groundwater basin.

Note 2: In May 2014, the Whale Rock Commission adopted a new Bathymetric Study and Volumetric Analysis with new lake capacity and spillway elevation values. Those new values are reflected in this report.

Select Real-Time Rain Gauges in SLO County



Notes:

Sites maintained by County staff are identified with red squares.
Sites maintained by other agencies are identified with black circles.
For more information, please email PW.WR.TechUnit@co.slo.ca.us.