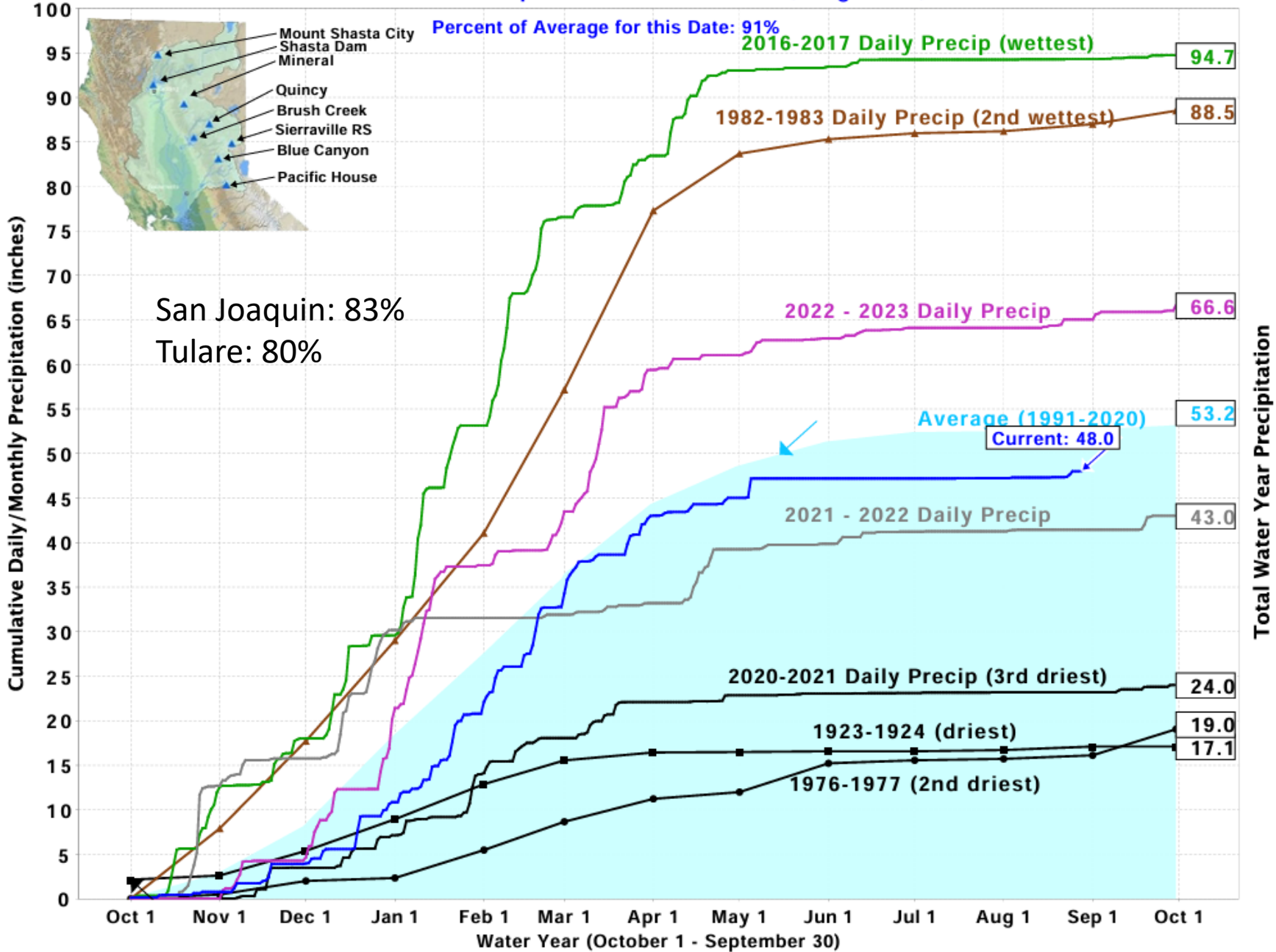
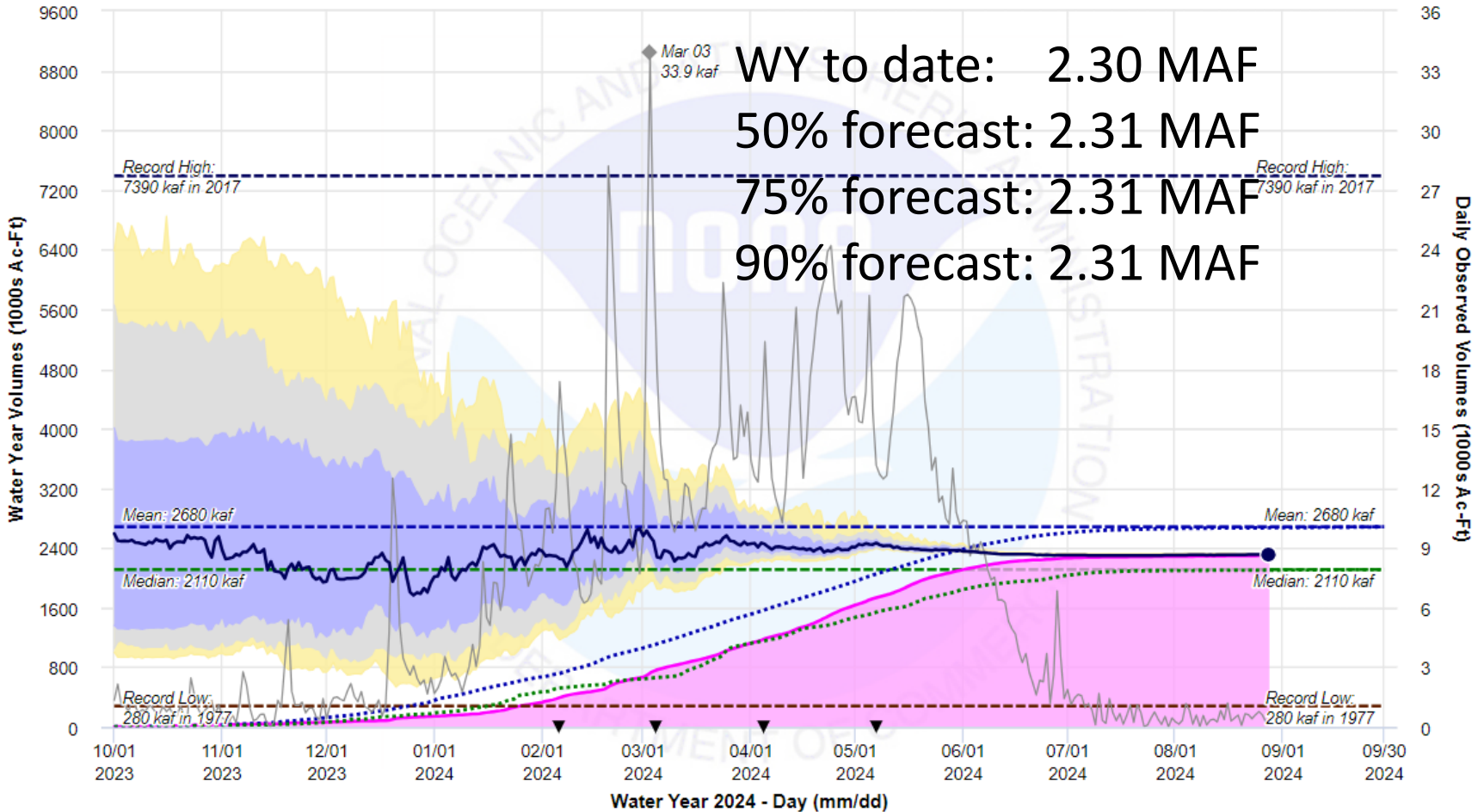


Northern Sierra Precipitation: 8-Station Index, August 28, 2024



AMERICAN - FOLSOM RESERVOIR (FOLC1) 08/28/2024 Median Forecast: 2310 kaf | 86% of Mean | 109% of Median

Created: 08/28/2024 at 07:54 AM PDT



Observed to Date Percent of Mean: 86% (2300 kaf) Water Year to Date Mean: 2670 kaf
Historical Water Year Vol Max: 7390 kaf in 2017 Historical Water Year Vol Min: 280 kaf in 1977

This product only considers meteorological uncertainty and does not account for hydrologic uncertainty.

Means/medians are based on the period of Water Years 1980 through 2022.

Legend entries below can be toggled on/off.

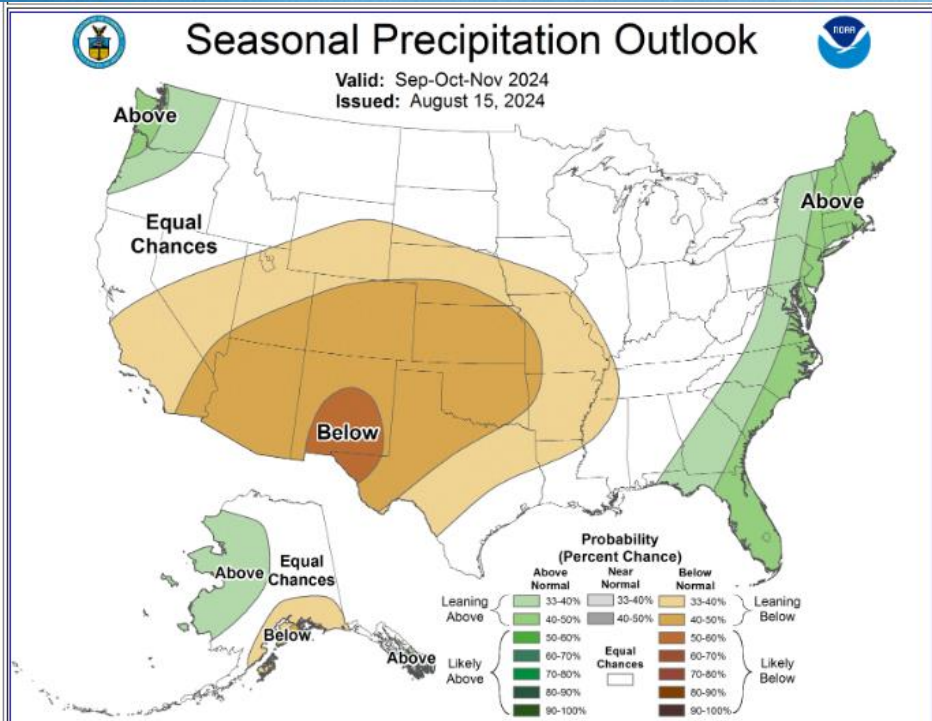
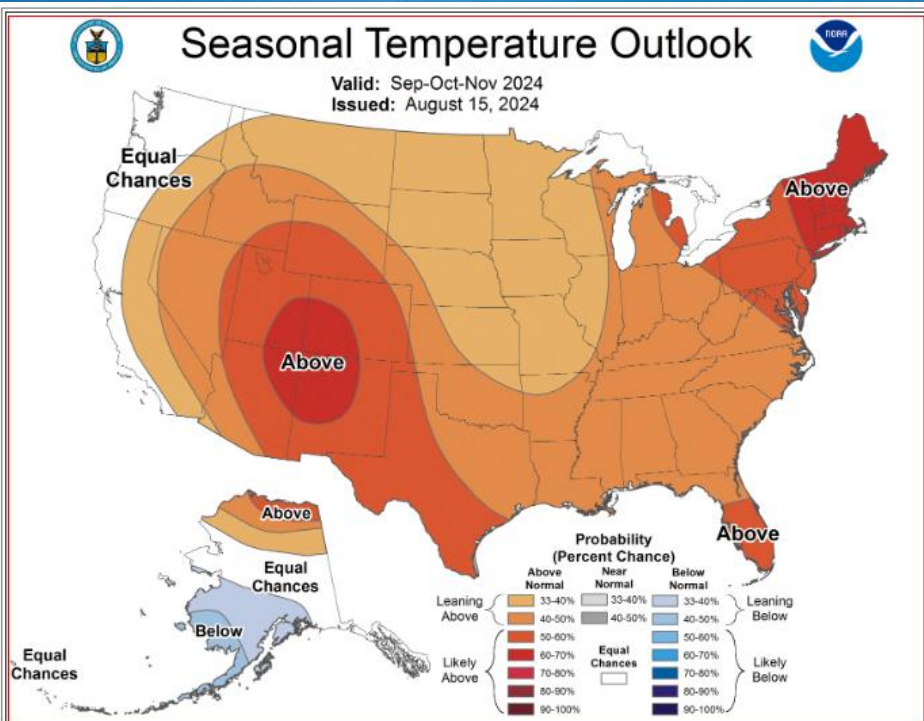
- WY Volume Mean
- - WY Volume Median
- WY to Date Obs
- WY to Date Mean
- ◆ WY to Date Median
- Daily Obs
- ◆ Obs Peak
- WY Vol Fcst 50%
- WY Vol Fcst 25/75%
- WY Vol Fcst 10/90%
- WY Vol Fcst Max/Min
- Record Low
- ▼ Snow Model Updates



NOAA 3-Month Outlook

Temperature

Precipitation



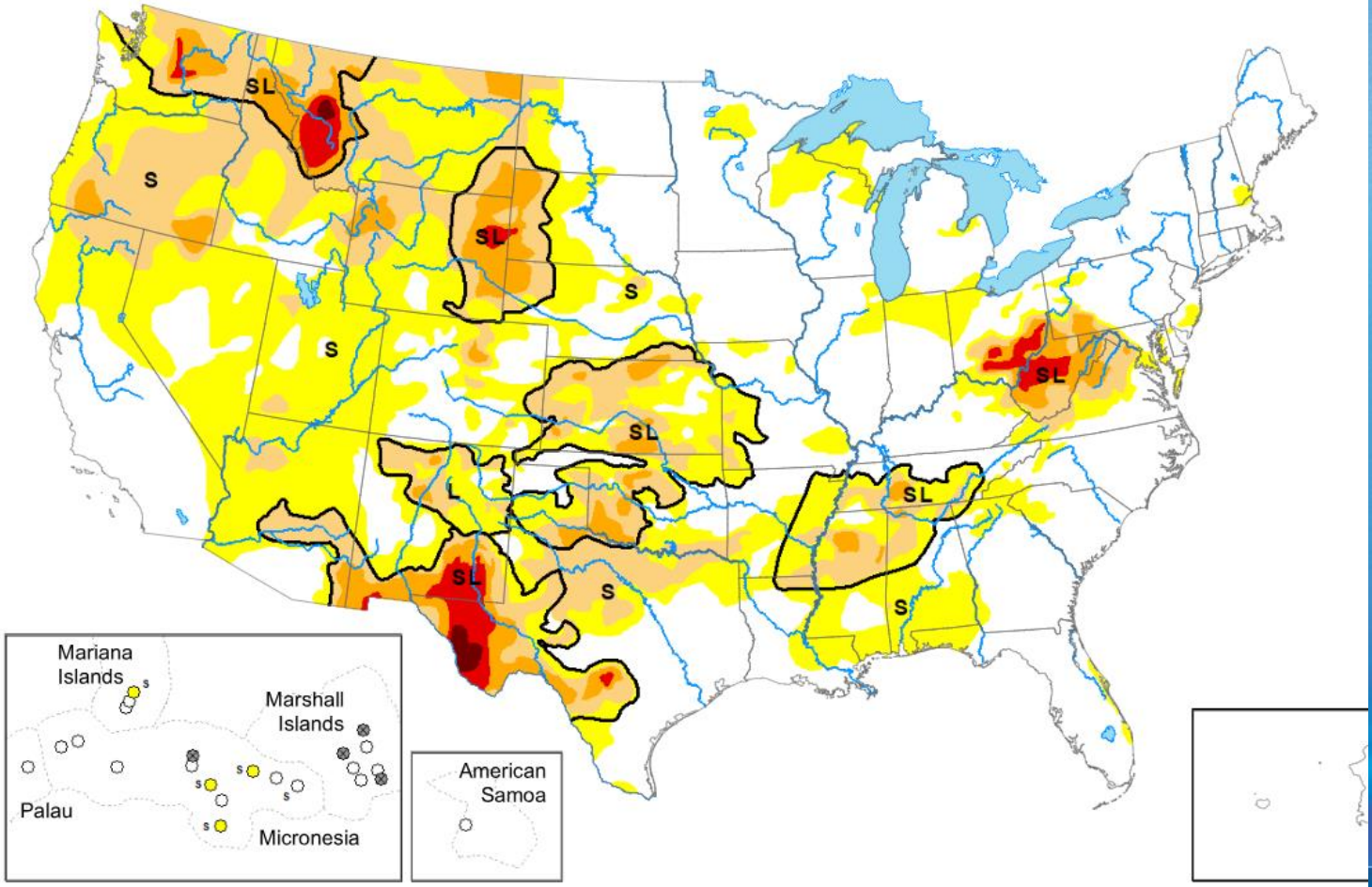


Drought Monitor Main Map

Map released: August 22, 2024

Data valid: August 20, 2024

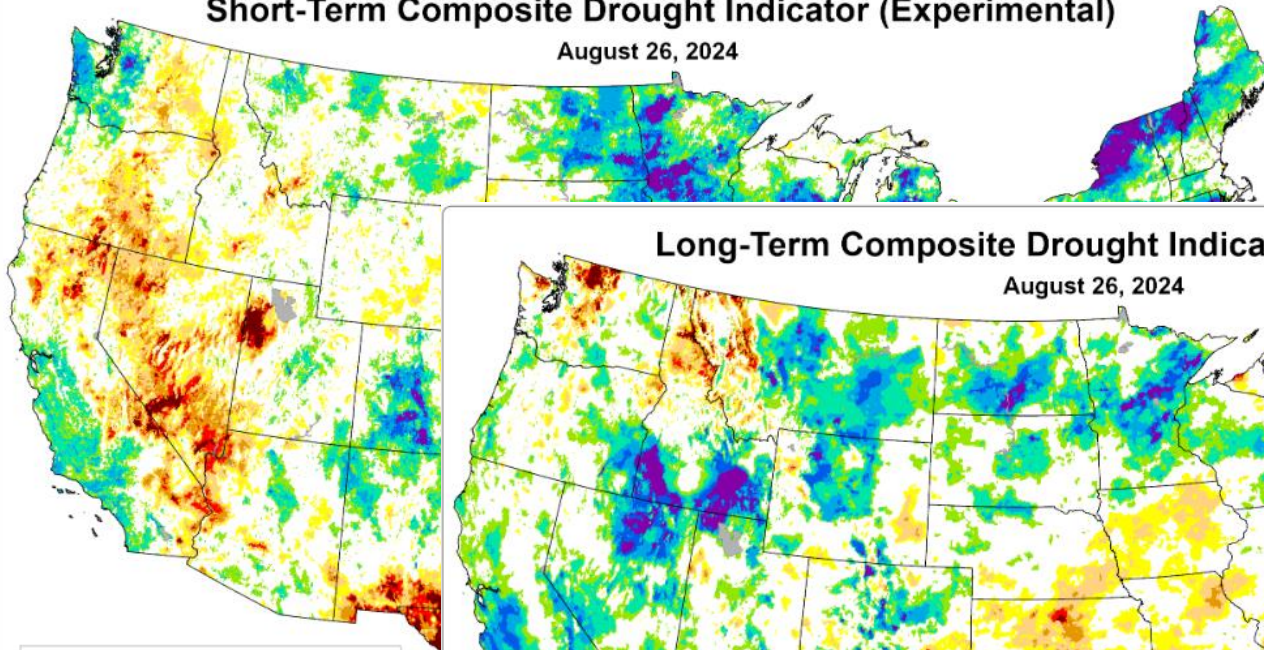
View grayscale version of the map



Drought Monitor Better Maps

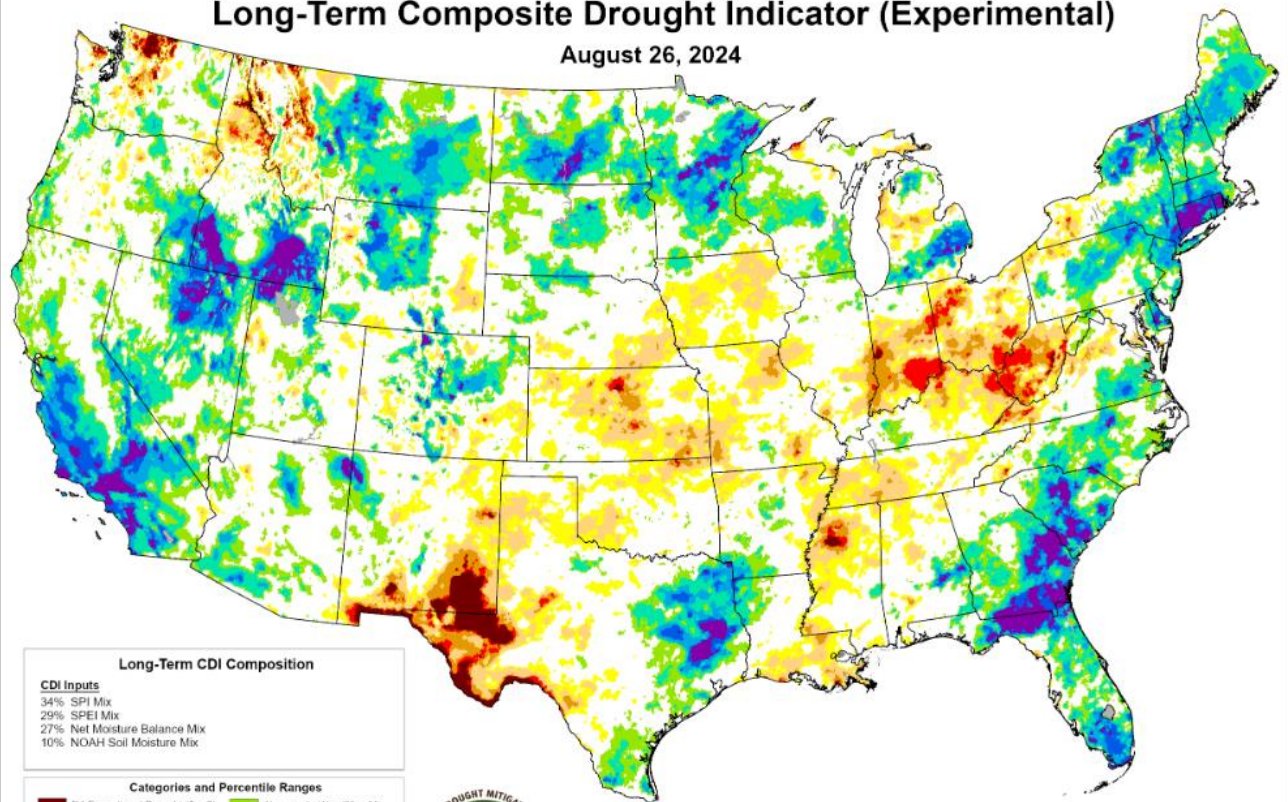
Short-Term Composite Drought Indicator (Experimental)

August 26, 2024



Long-Term Composite Drought Indicator (Experimental)

August 26, 2024



Short-Term CDI Composition

CDI Inputs

29% SPI Mix
26% SPEI Mix
20% Vegetation Mix
14% Net Moisture Balance Mix
11% NOAA Soil Moisture Mix

Categories and Percentile Ranges

D4 Exceptional Drought (0 < 2)	Abnormally Wet (70 < 80)
D3 Extreme Drought (2 < 5)	Moderately Wet (80 < 90)
D2 Severe Drought (5 < 10)	Severely Wet (90 < 95)
D1 Moderate Drought (10 < 20)	Extremely Wet (95 < 98)
D0 Abnormally Dry (20 < 30)	Exceptionally Wet (98 - 100)
Near Normal (30 < 70)	No Data

Long-Term CDI Composition

CDI Inputs

34% SPI Mix
29% SPEI Mix
27% Net Moisture Balance Mix
10% NOAA Soil Moisture Mix

Categories and Percentile Ranges

D4 Exceptional Drought (0 < 2)	Abnormally Wet (70 < 80)
D3 Extreme Drought (2 < 5)	Moderately Wet (80 < 90)
D2 Severe Drought (5 < 10)	Severely Wet (90 < 95)
D1 Moderate Drought (10 < 20)	Extremely Wet (95 < 98)
D0 Abnormally Dry (20 < 30)	Exceptionally Wet (98 - 100)
Near Normal (30 < 70)	No Data

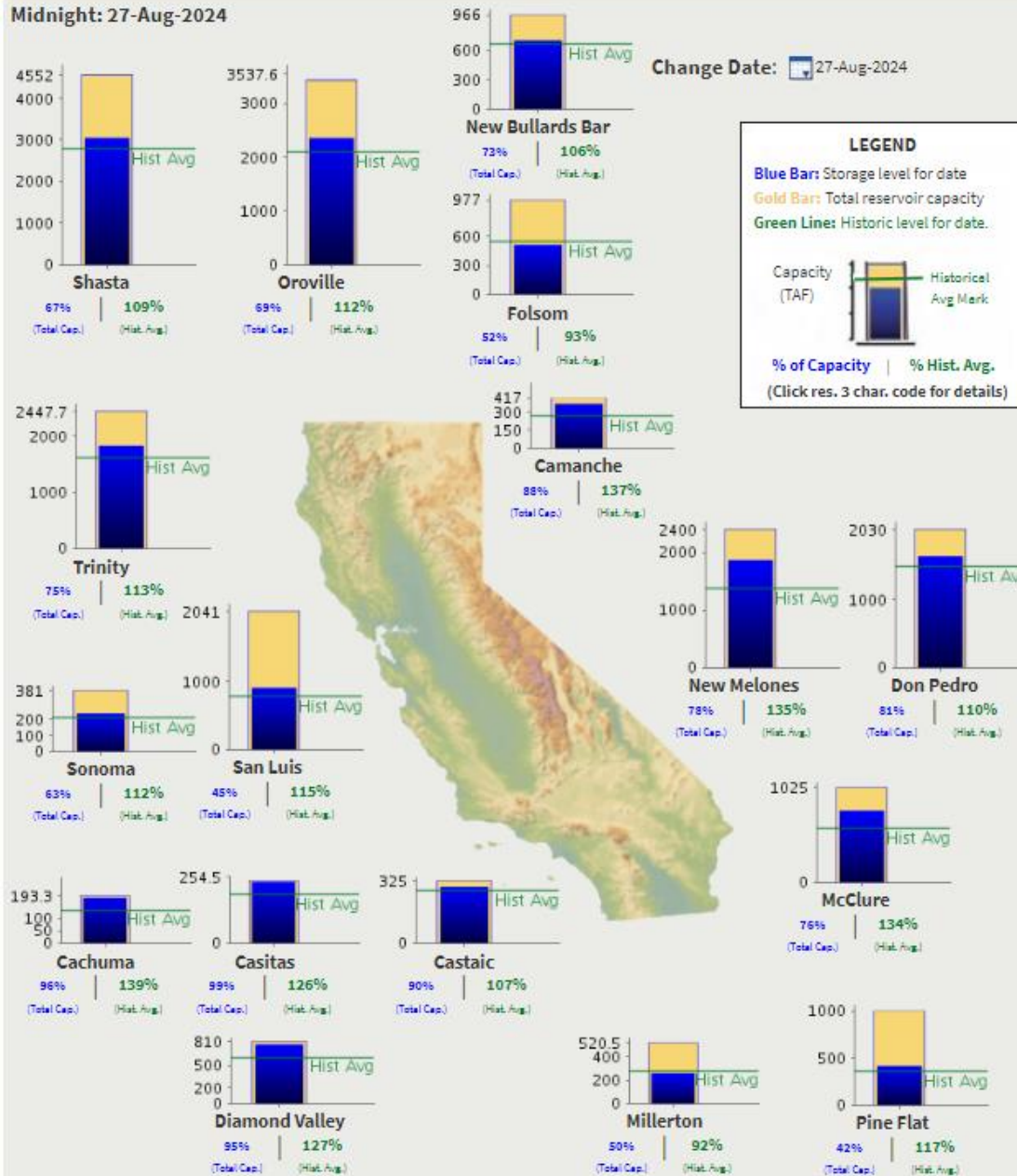




CURRENT CONDITIONS: MAJOR WATER SUPPLY RESERVOIRS:27-AUG-2024

Midnight: 27-Aug-2024

Change Date:



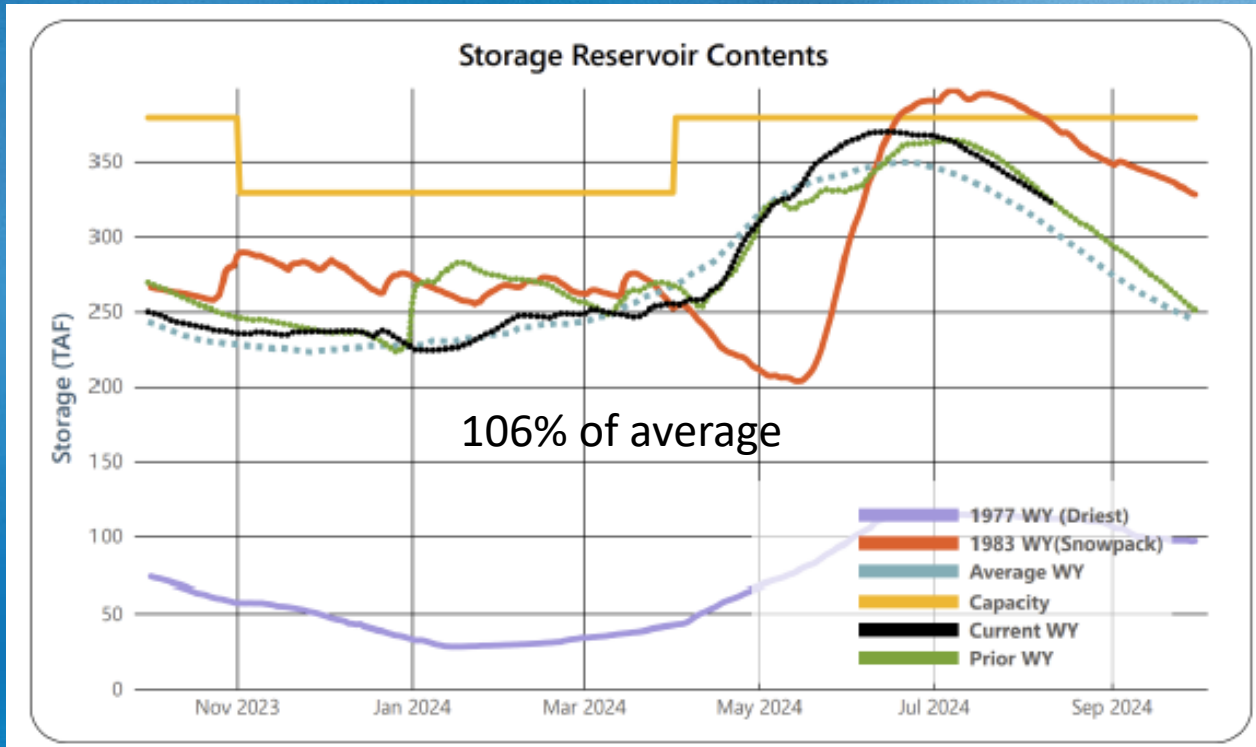
[Click for printable version of current data.](#)

Report Generated: 28-Aug-2024 8:49 PM

The CSI link has been disabled to zoom in, for the lack of historical data.

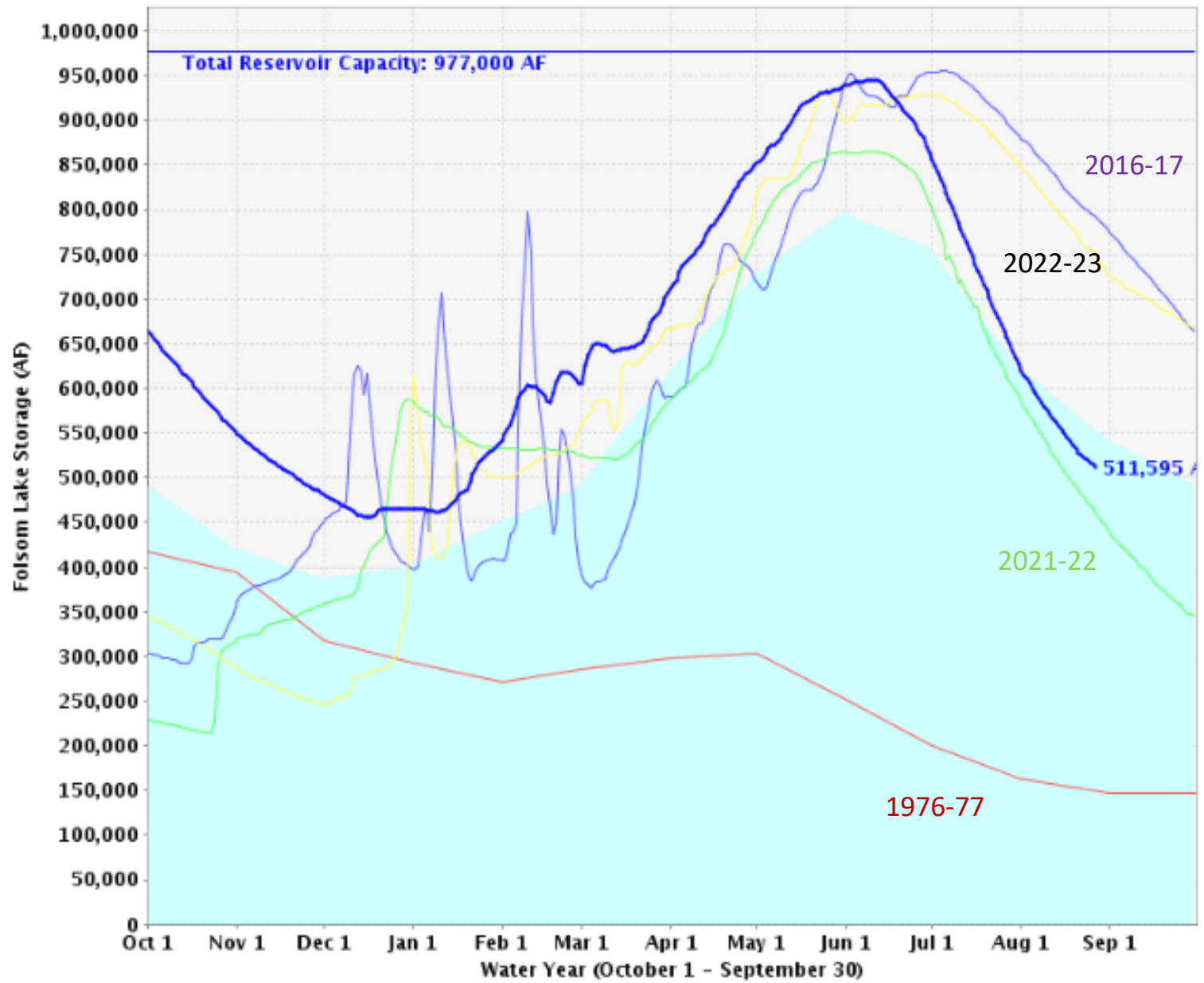


SMUD/PCWA Storage 8-15-2024



**PCWA Combined Storage (FM+HH) = 232,000 AF/342,590 AF
= 68% Capacity; 89% of 15-yr AVG YTD**

Folsom Lake Storage Levels



Historical Average — Total Reservoir Capacity — 1976-1977 (dry) — 2016-2017 — 2021-2022 — 2022-2023 — 2023-2024(current)



Releases from Nimbus Past six months

LAKE NATOMA (NIMBUS DAM) (NAT)

Date from 03/01/2024 00:00 through 08/28/2024 00:00 Duration: 180 days
Max of period: (03/03/2024 00:00,6,055) Min of period: (06/08/2024 00:00, 2,462)

SENSOR ID: 3257
— OUTFLOW CFS



Generated on Wed Aug 28 2024 21:02:17 GMT-0700 (Pacific Daylight Time)
[Plot all NAT Sensors](#) | [Real-Time NAT Data](#) | [Daily NAT Data](#) | [Show NAT Map](#) | [NAT Info](#)

Drag the handles on the slider at the bottom of the plot to zoom in.

Plot from ending date: Span: days

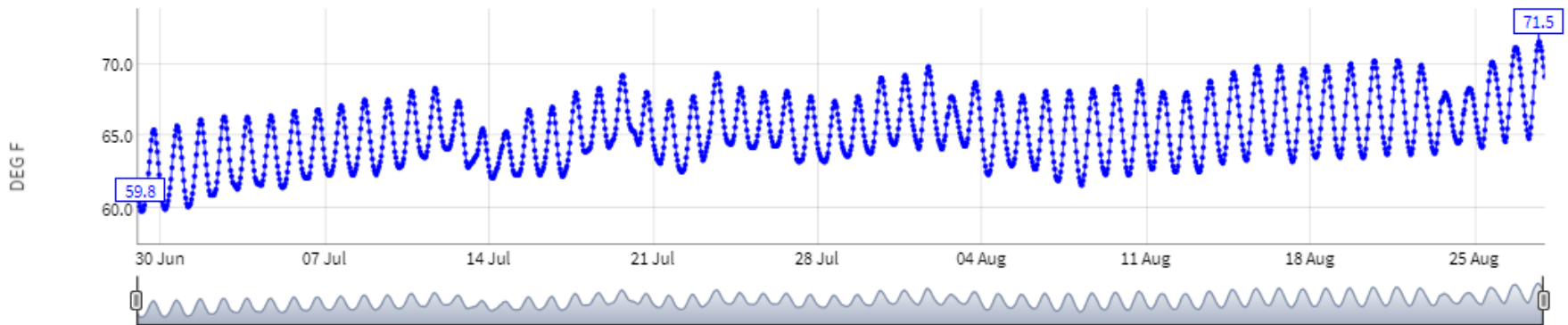


Temps at Watt Ave Past two months

AMERICAN RIVER BELOW WATT AVE BRIDGE (AWB)

Date from 06/29/2024 00:00 through 08/28/2024 00:00 Duration: 60 days
Max of period: (08/27/2024 18:00,71.5) Min of period: (06/29/2024 04:00, 59.8)

SENSOR ID: 14901
— TEMP W DEG F



Generated on Wed Aug 28 2024 21:07:04 GMT-0700 (Pacific Daylight Time)

[Plot all AWB Sensors](#) | [Real-Time AWB Data](#) | [Daily AWB Data](#) | [Show AWB Map](#) | [AWB Info](#)

Drag the handles on the slider at the bottom of the plot to zoom in.

Plot from ending date: Span: days