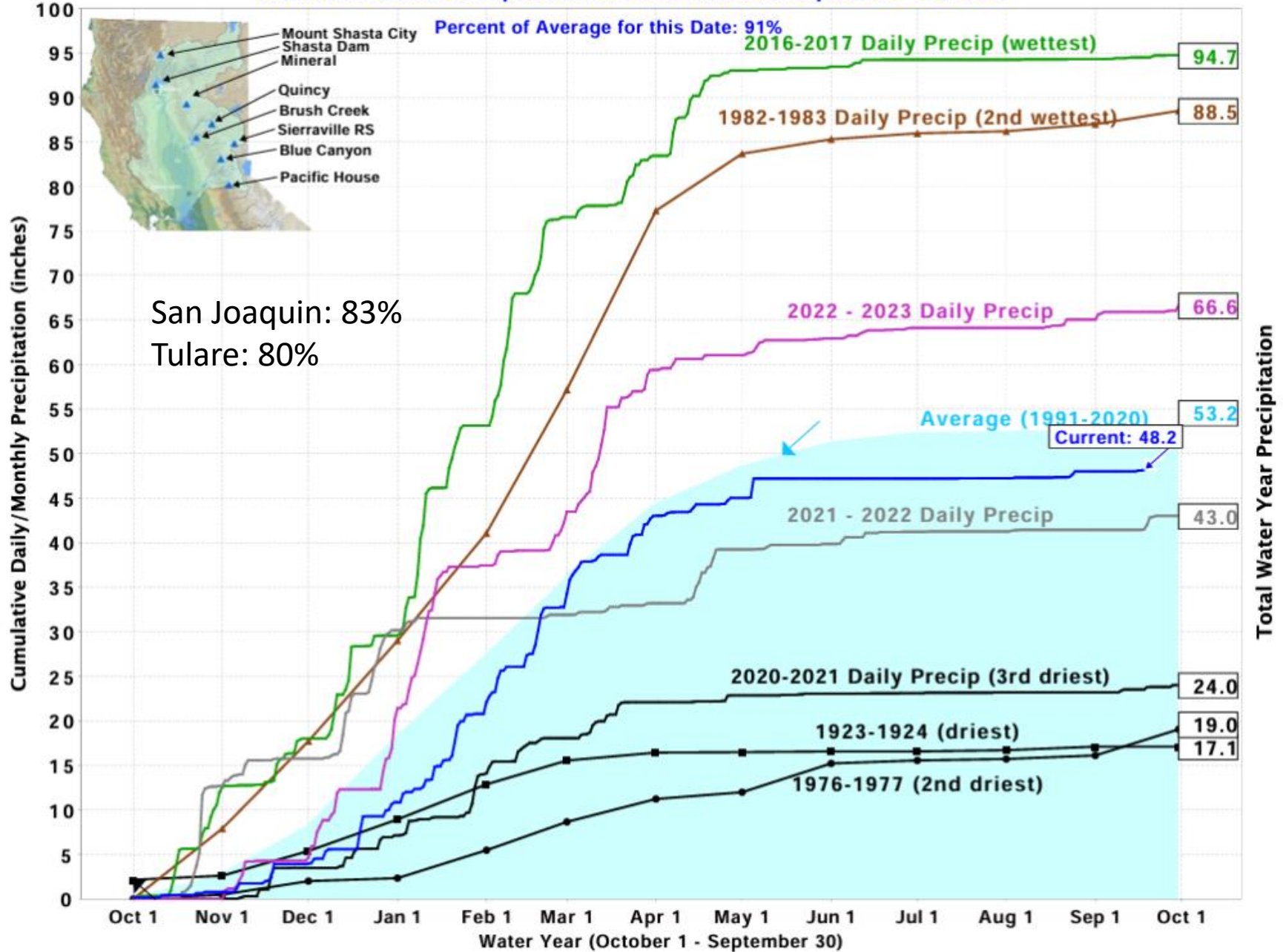
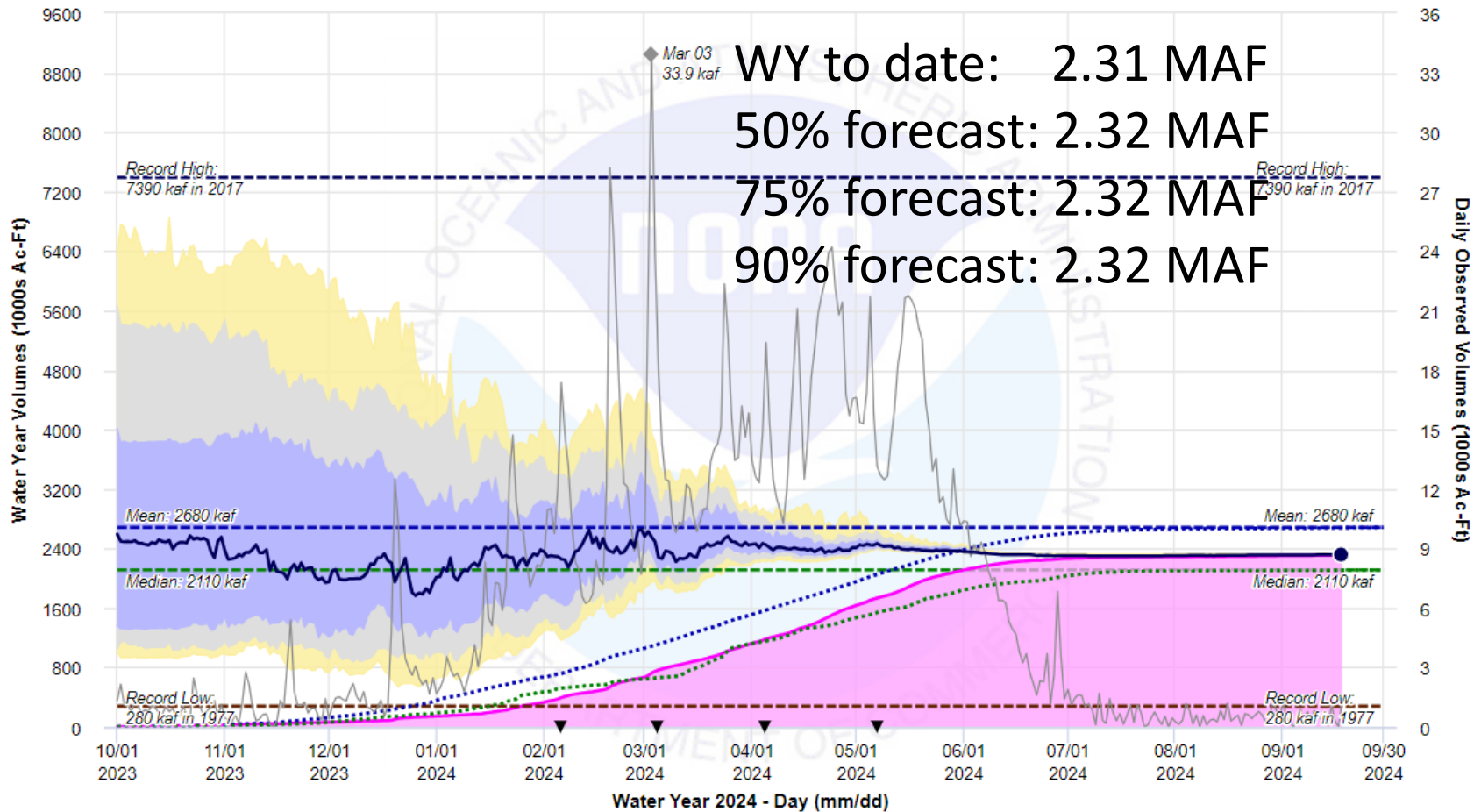


Northern Sierra Precipitation: 8-Station Index, September 18, 2024



AMERICAN - FOLSOM RESERVOIR (FOLC1) 09/18/2024
Median Forecast: 2320 kaf | 86% of Mean | 110% of Median
Created: 09/18/2024 at 07:59 AM PDT



WY to date: 2.31 MAF
 50% forecast: 2.32 MAF
 75% forecast: 2.32 MAF
 90% forecast: 2.32 MAF

Observed to Date Percent of Mean: 86% (2310 kaf) Water Year to Date Mean: 2680 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.

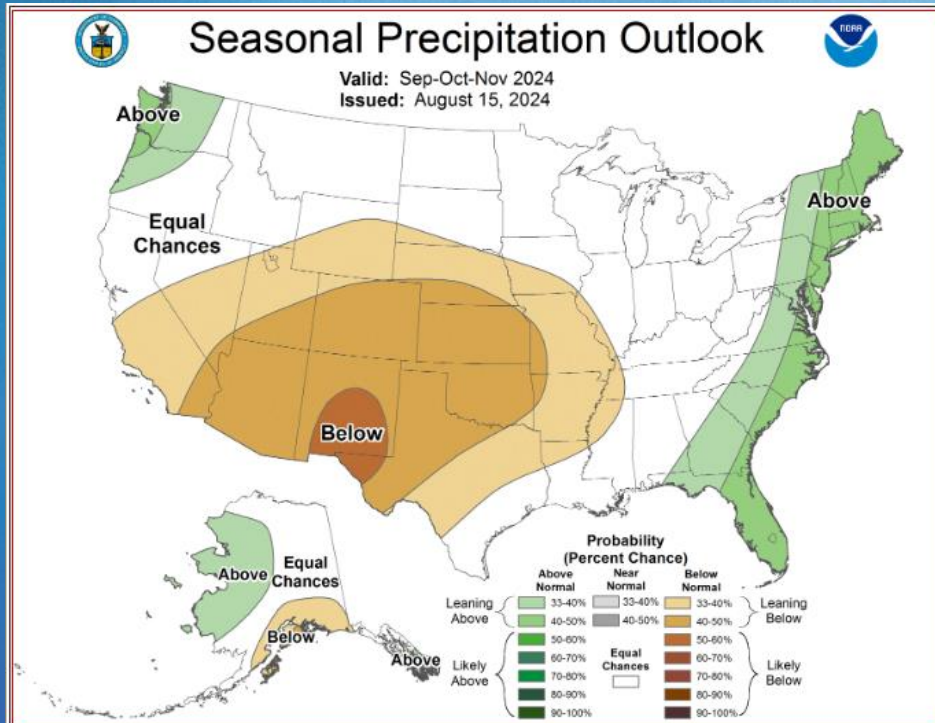
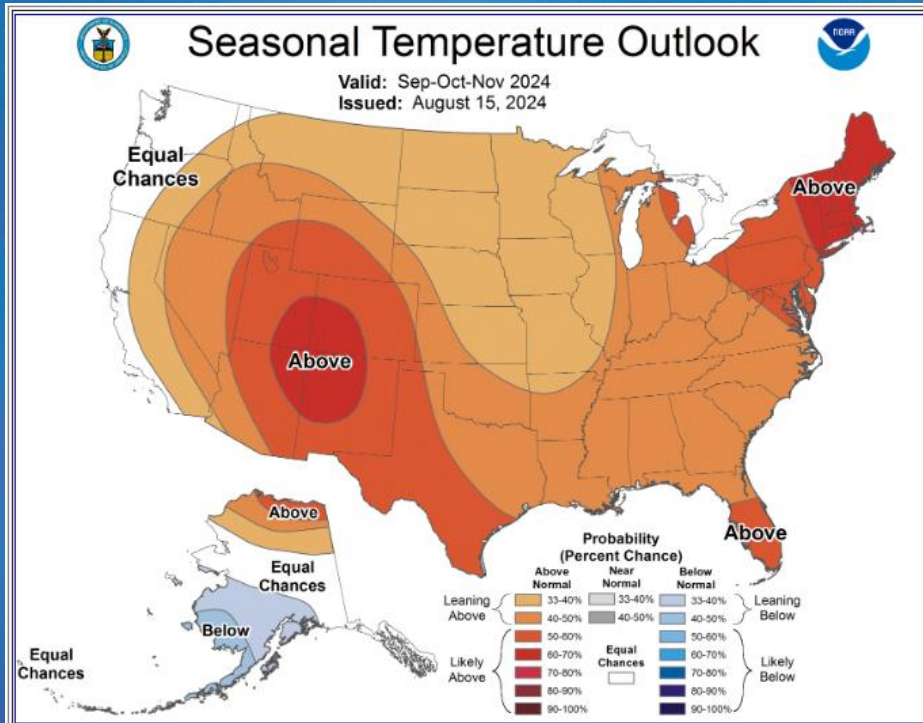
- WY Volume Mean
- WY Volume Median
- WY to Date Obs
- WY to Date Mean
- Daily Obs
- ◆ Obs Peak
- WY Vol Fcst 50%
- WY Vol Fcst 25/75%
- WY Vol Fcst 10/90%
- WY Vol Fcst Max/Min
- Record High
- ▼ Snow Model Updates
- Record Low



NOAA 3-Month Outlook

Temperature

Precipitation



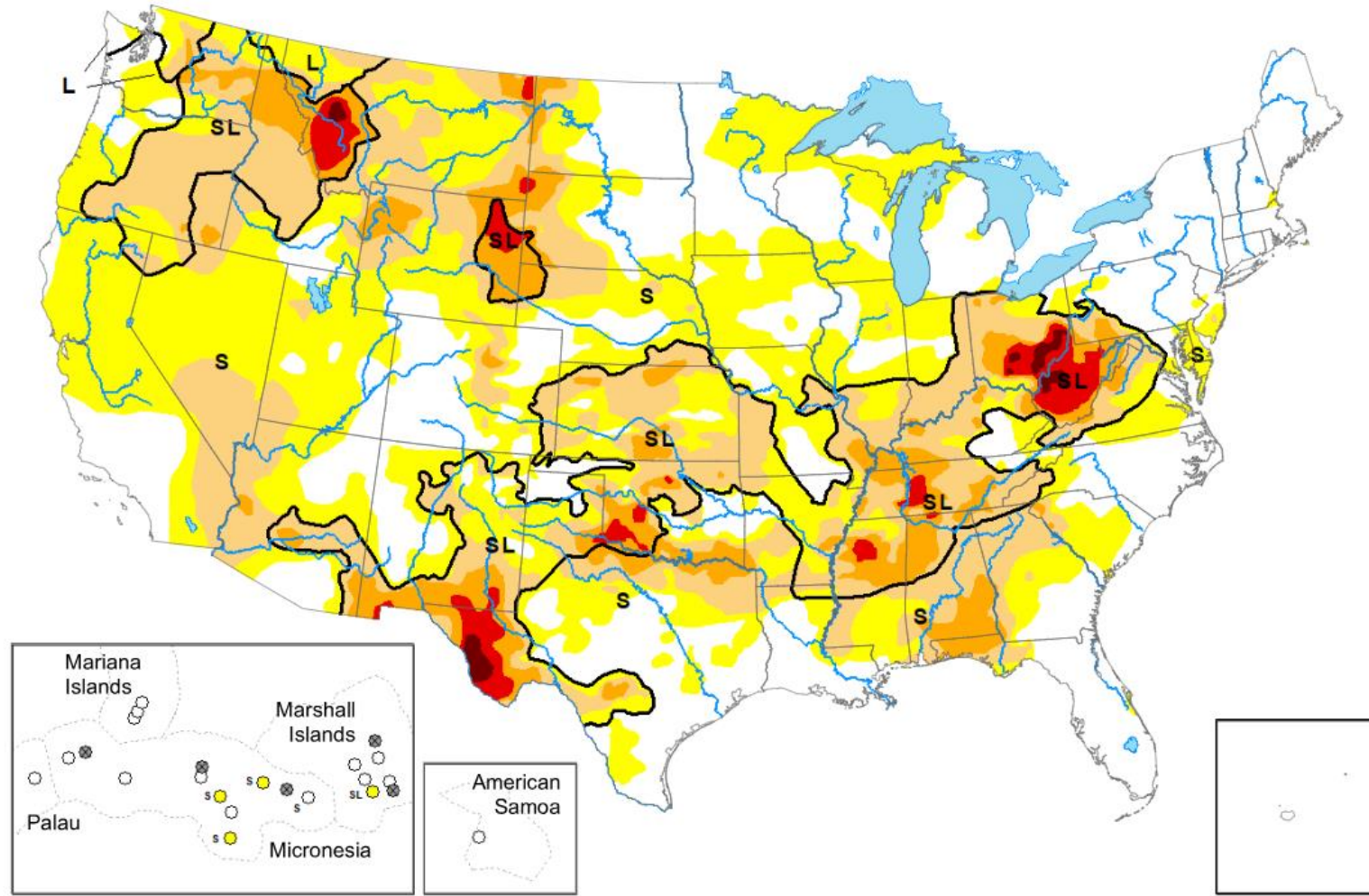


Drought Monitor Main Map

Map released: September 12, 2024

Data valid: September 10, 2024

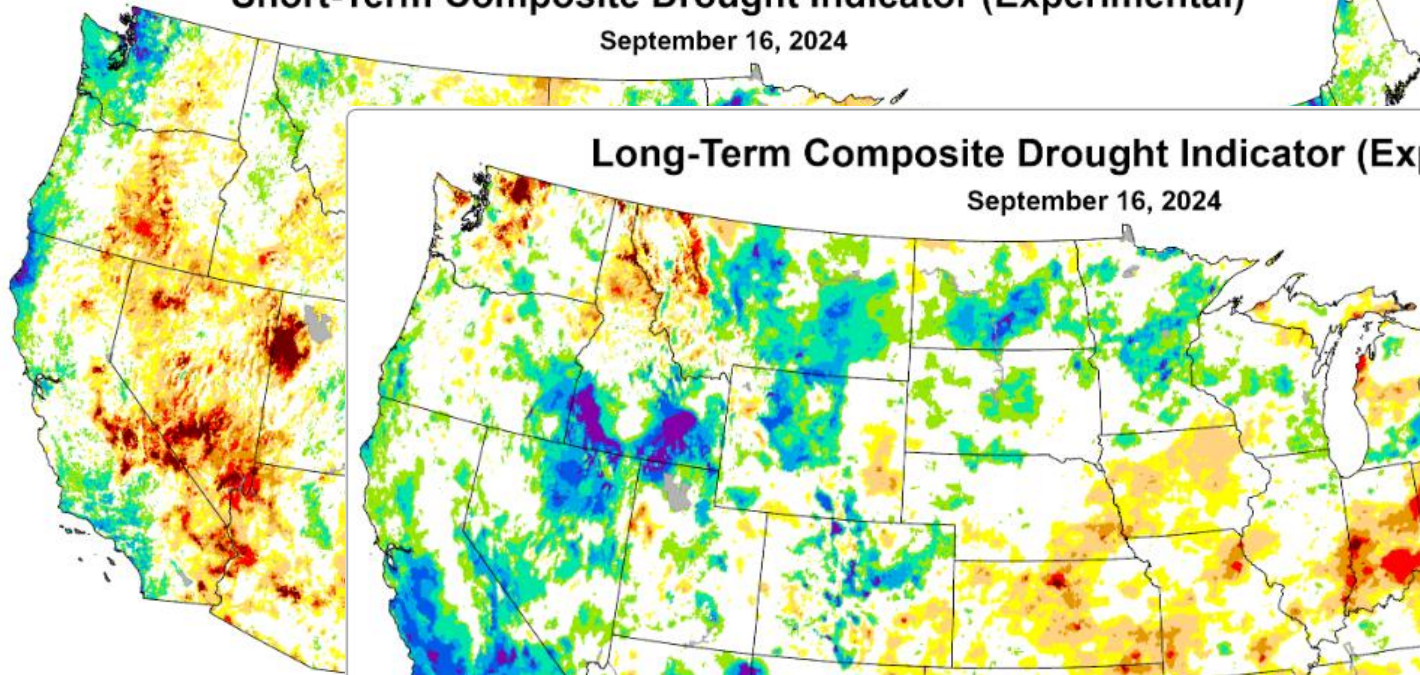
View grayscale version of the map



Drought Monitor Better Maps

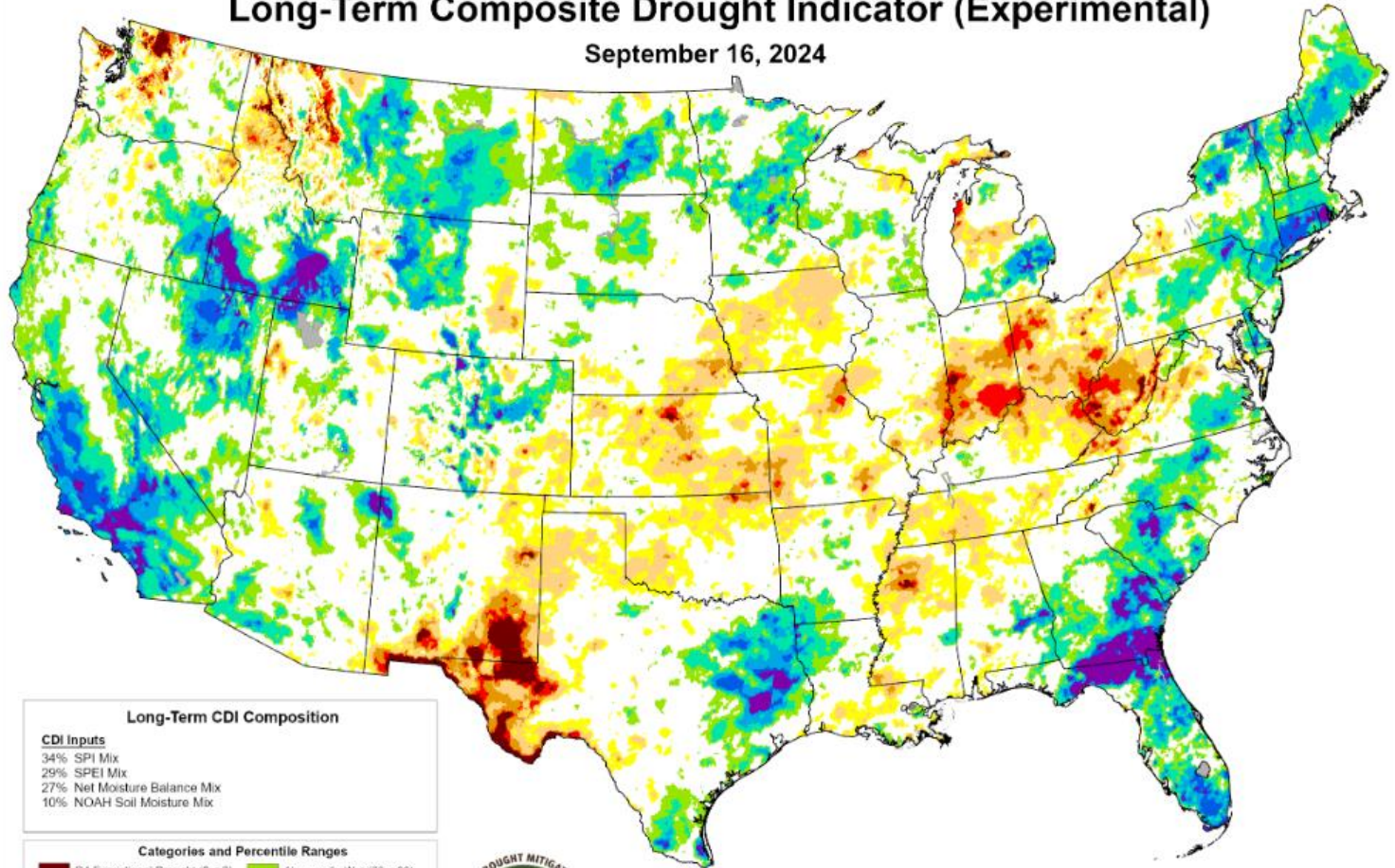
Short-Term Composite Drought Indicator (Experimental)

September 16, 2024



Long-Term Composite Drought Indicator (Experimental)

September 16, 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 (70 < 80)
D3 Extreme Drought (2 < 5)	Moderately (80 < 90)
D2 Severe Drought (5 < 10)	Severely (90 < 95)
D1 Moderate Drought (10 < 20)	Extremely (95 < 98)
D0 Abnormally Dry (20 < 30)	Exceptionally (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

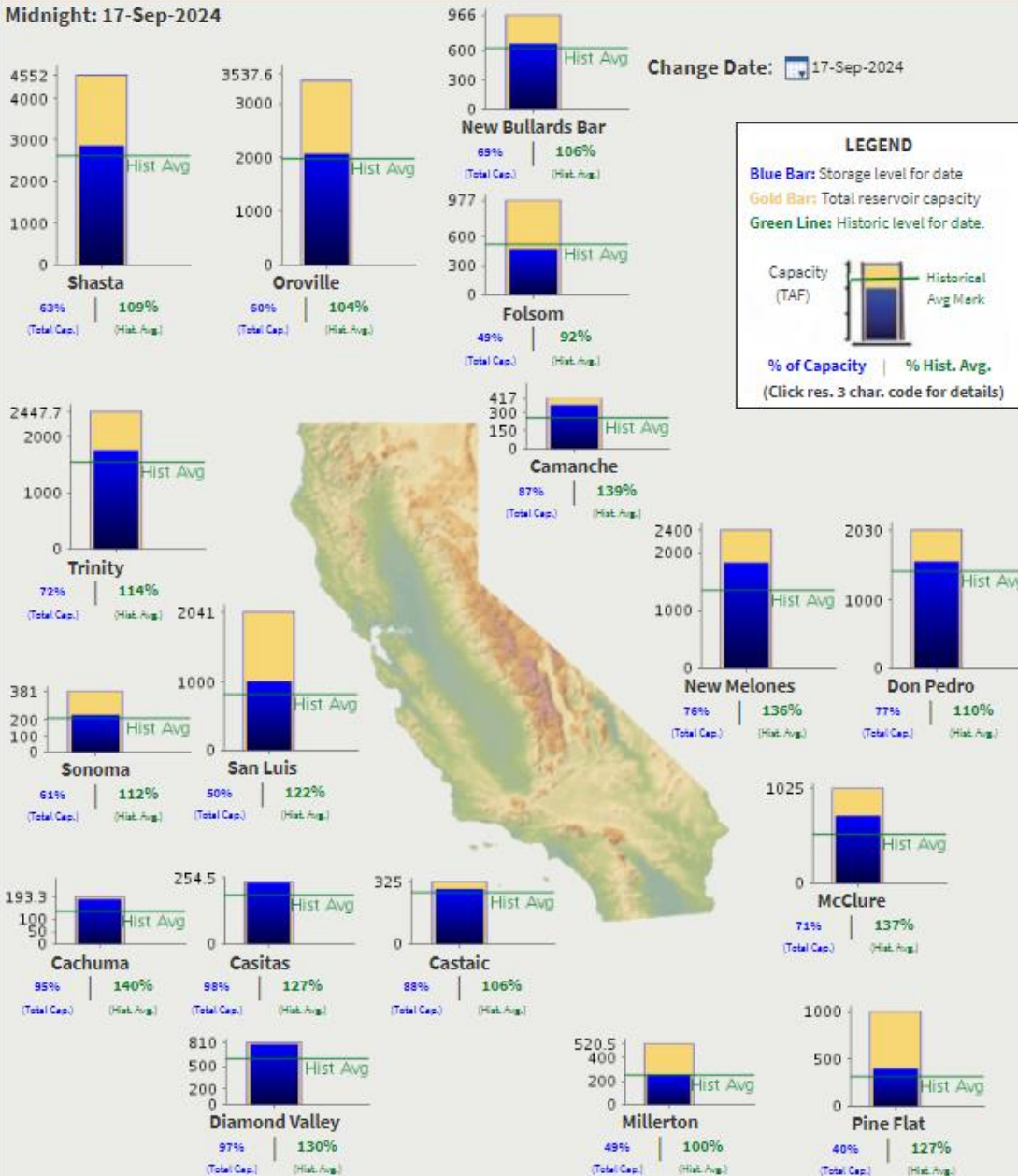




CURRENT CONDITIONS: MAJOR WATER SUPPLY RESERVOIRS:17-SEP-2024

Midnight: 17-Sep-2024

Change Date: 17-Sep-2024



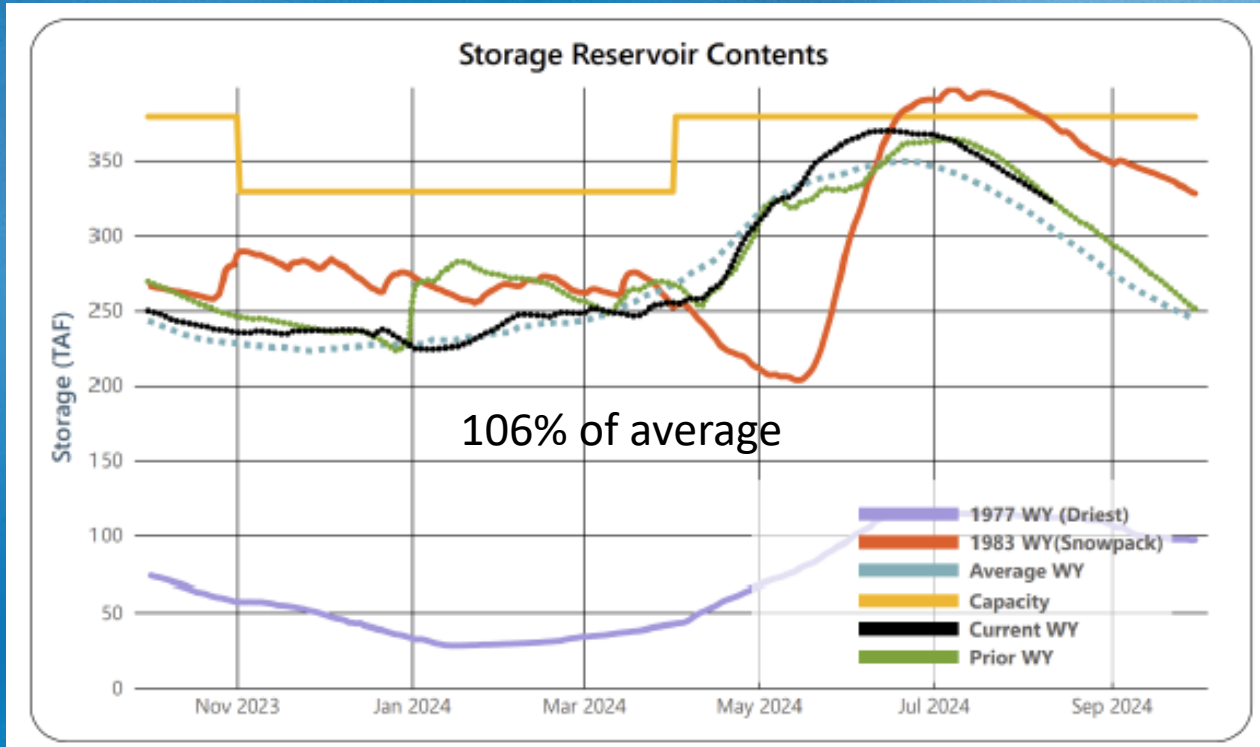
[Click for printable version of current data.](#)

Report Generated: 18-Sep-2024 10:46 AM

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



SMUD/PCWA Storage 8-15-2024

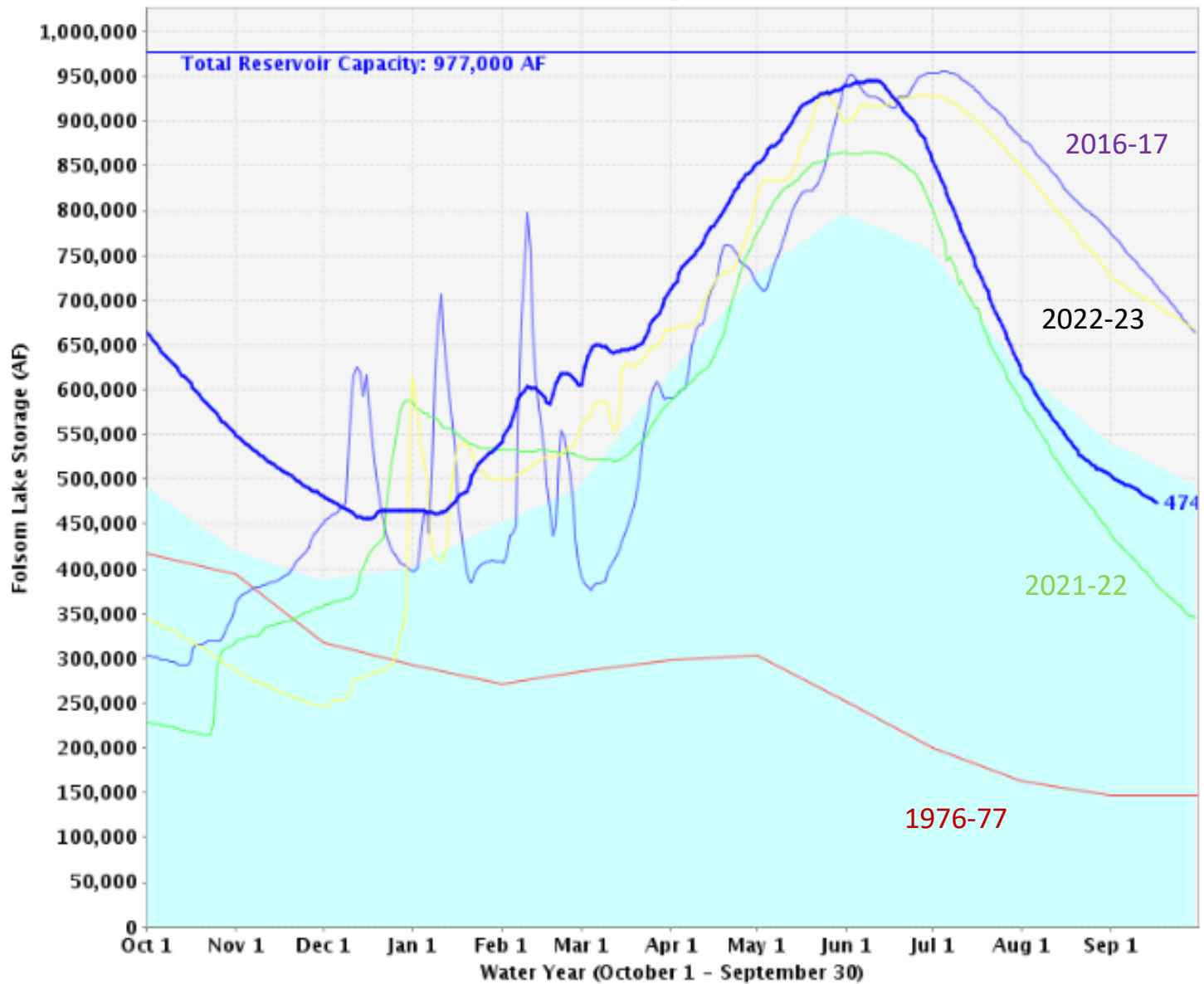


**PCWA Combined Storage (FM+HH) = 232,000 AF/342,590 AF
= 68% Capacity; 89% of 15-yr AVG YTD**



(ctrl+click for multiple selections)

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 03/22/2024 00:00 through 09/18/2024 00:00 Duration: 180 days
Max of period: (07/23/2024 00:00,5,110) Min of period: (09/15/2024 00:00, 1,820)

SENSOR ID: 3257

— OUTFLOW CFS



Generated on Wed Sep 18 2024 10:48:17 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



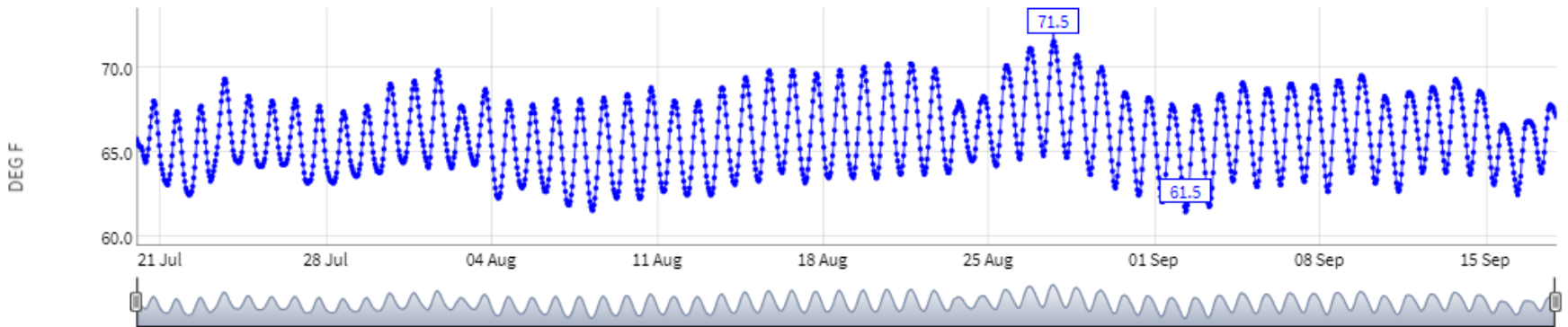
Temps at Watt Ave Past two months

AMERICAN RIVER BELOW WATT AVE BRIDGE (AWB)

Date from 07/20/2024 00:00 through 09/18/2024 00:00 Duration: 60 days
Max of period: (08/27/2024 18:00,71.5) Min of period: (09/02/2024 08:00, 61.5)

SENSOR ID: 14901

— TEMP W DEG F



Generated on Wed Sep 18 2024 10:49:40 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