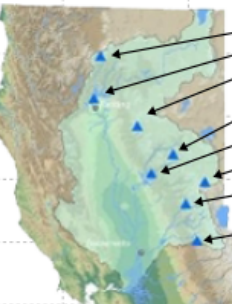




# Northern Sierra Precipitation: 8-Station Index, January 15, 2025

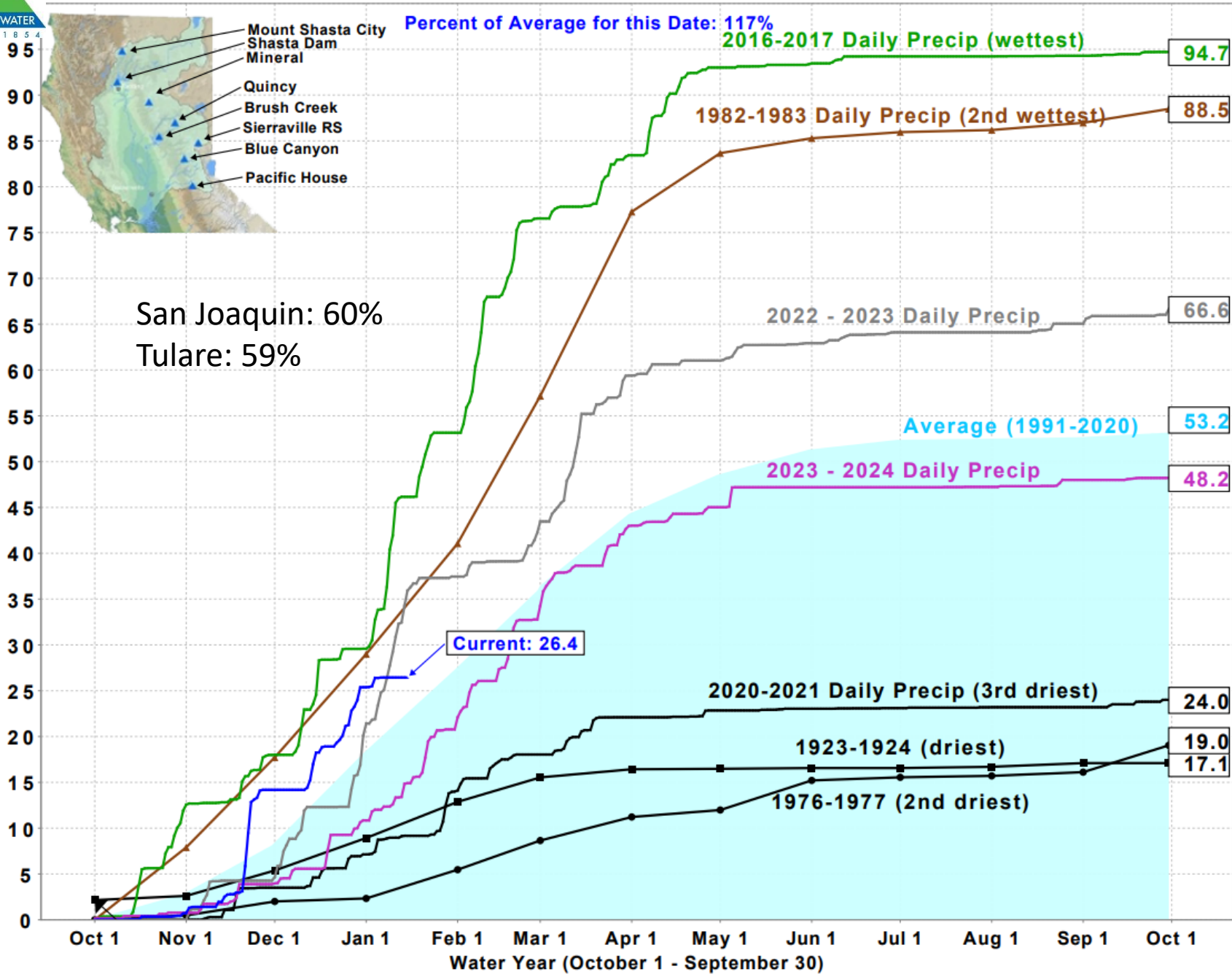
Percent of Average for this Date: 117%



Cumulative Daily/Monthly Precipitation (inches)

Total Water Year Precipitation

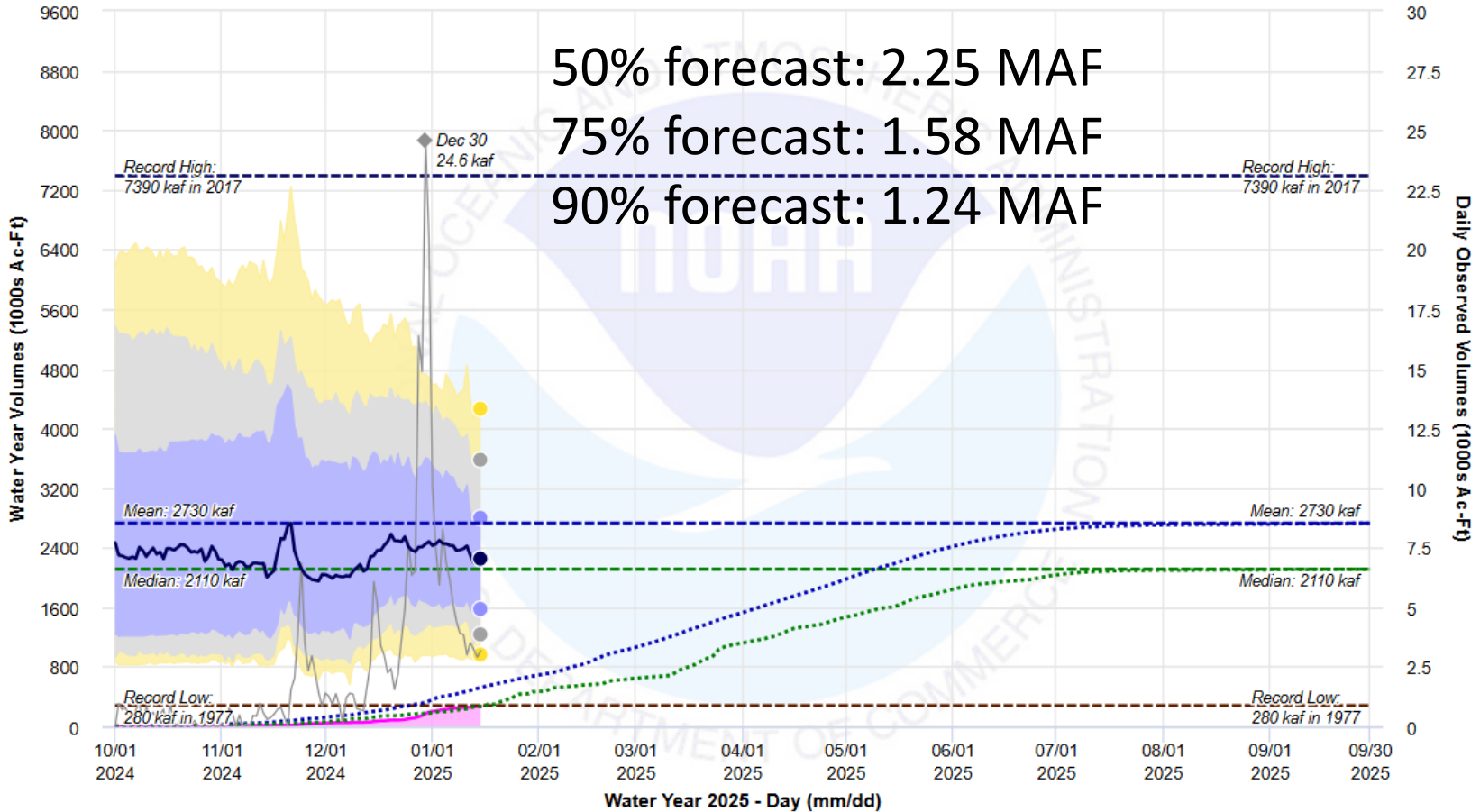
San Joaquin: 60%  
Tulare: 59%





AMERICAN - FOLSOM RESERVOIR (FOLC1) 01/15/2025  
Median Forecast: 2250 kaf | 83% of Mean | 107% of Median

Created: 01/15/2025 at 09:06 AM PST



Observed to Date Percent of Mean: 52% (270 kaf) Water Year to Date Mean: 524 kaf  
Historical Water Year Vol Max: 7390 kaf in 2017 Historical Water Year Vol Min: 280 kaf in 1977

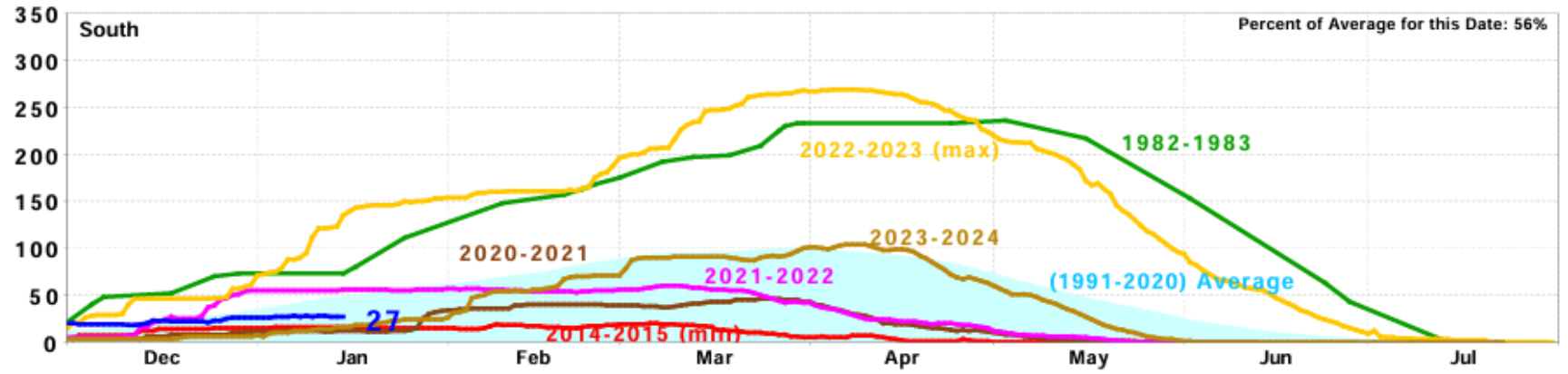
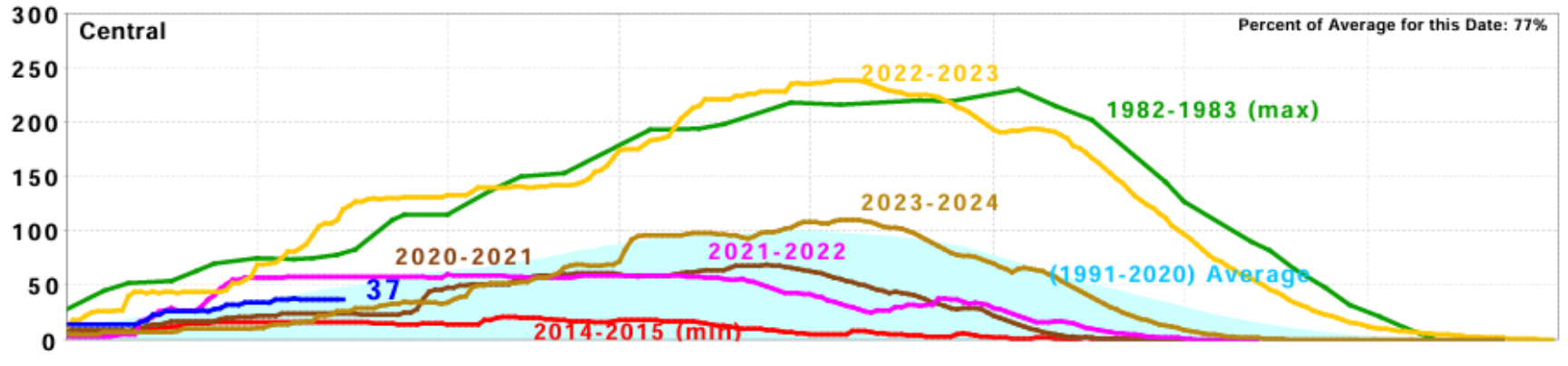
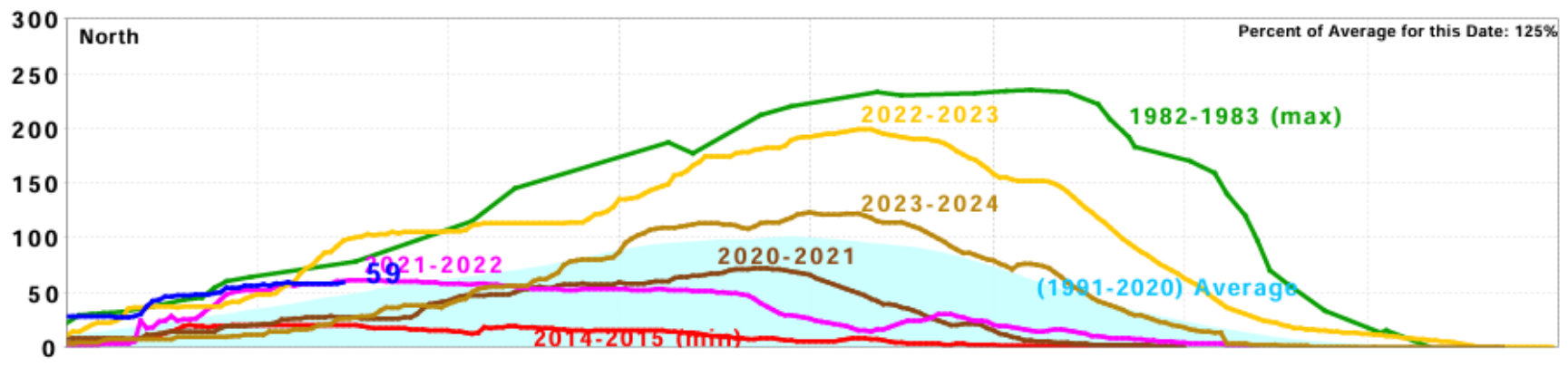
This product only considers meteorological uncertainty and does not account for hydrologic uncertainty.  
Means/medians are based on the period of Water Years 1980 through 2023.

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 High
- ▼ Snow Model Updates
- Record Low



# California Snow Water Content, January 15, 2025, Percent of April 1 Average



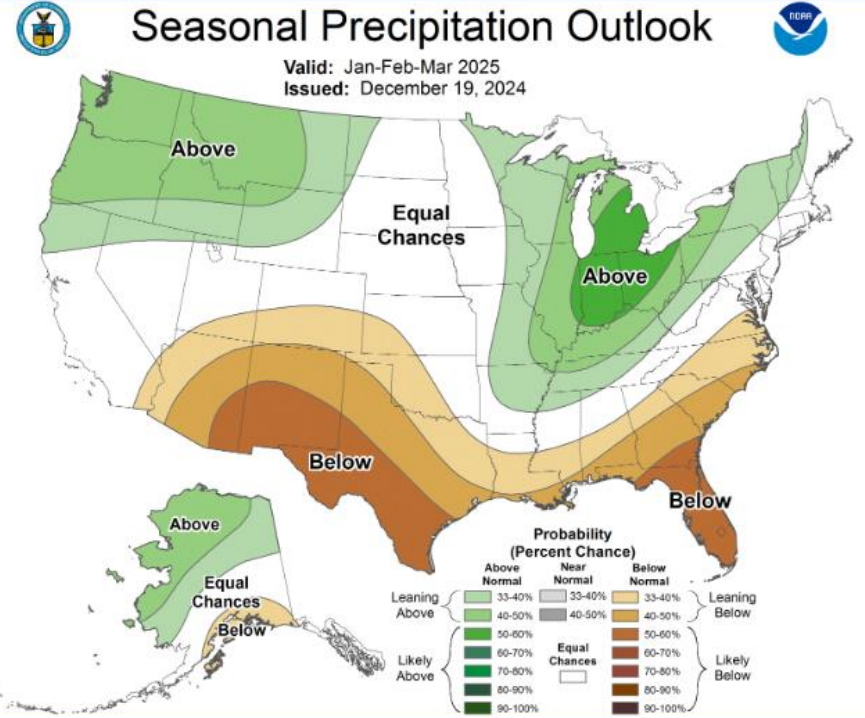
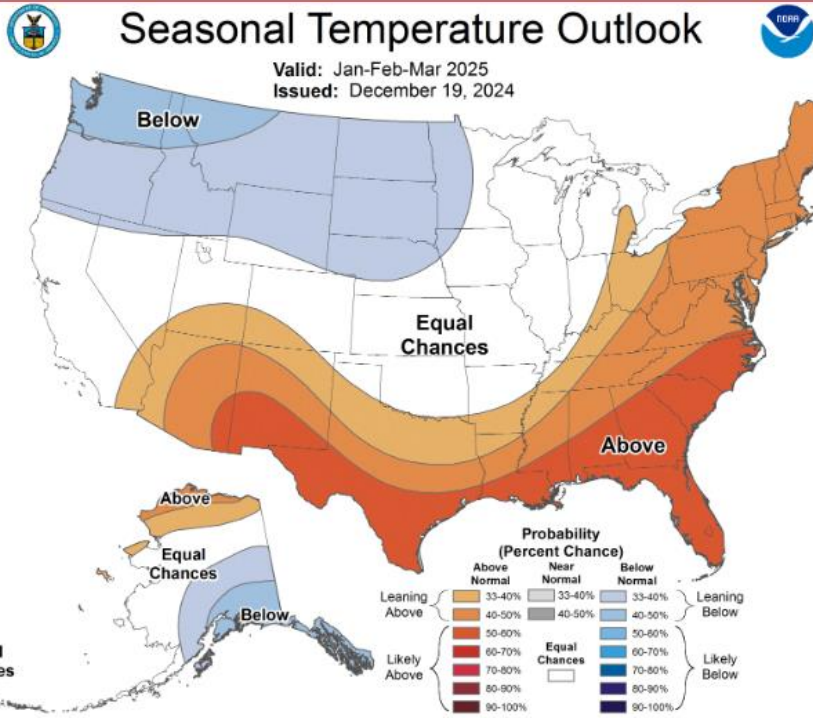
Statewide Percent of April 1: 40%

Statewide Percent of Average for Date: 84%

# NOAA 3-Month Outlook

## Temperature

## Precipitation



# CWWWE Forecast

Model

GFS Ensemble

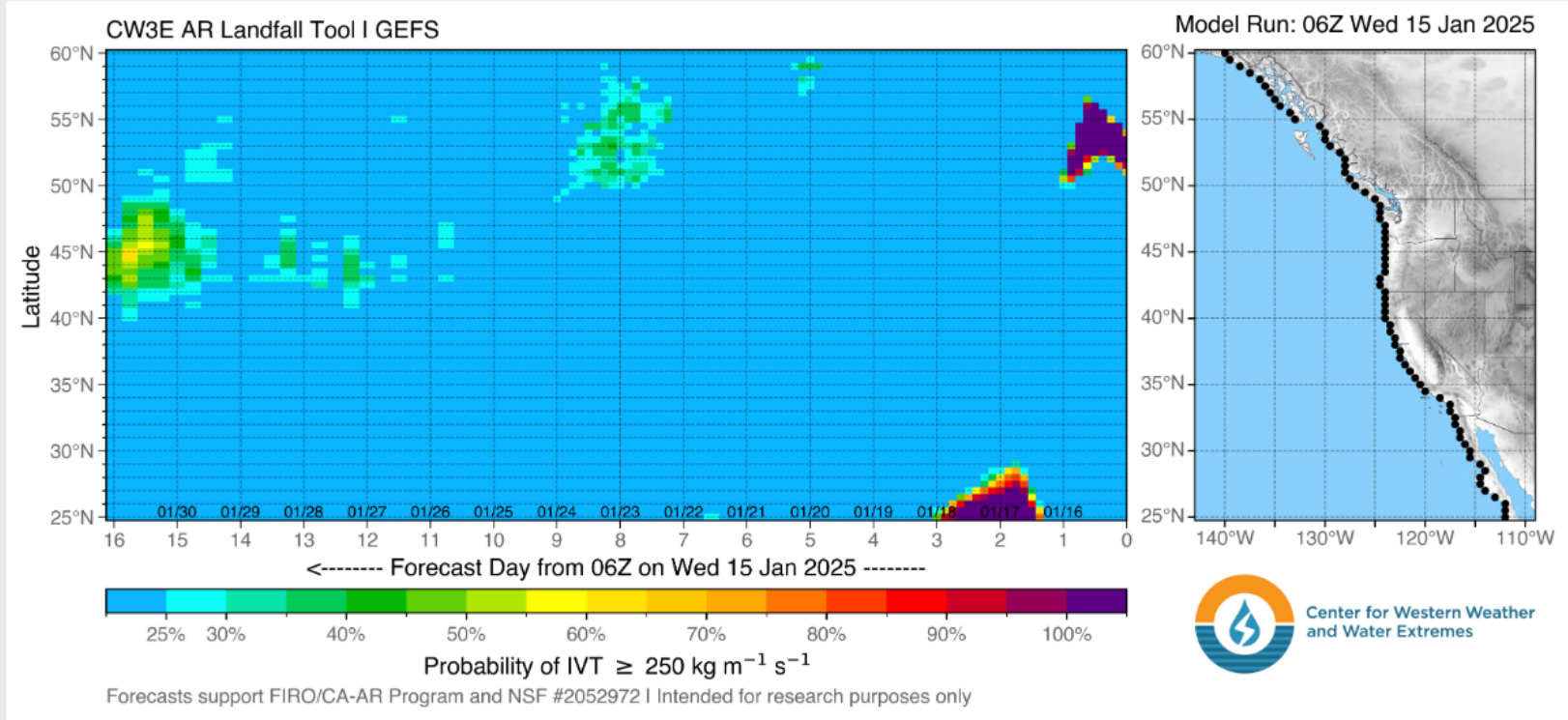
Type

Probability of IVT >250 kg/(ms)

Location

Coastal

dProg/dT

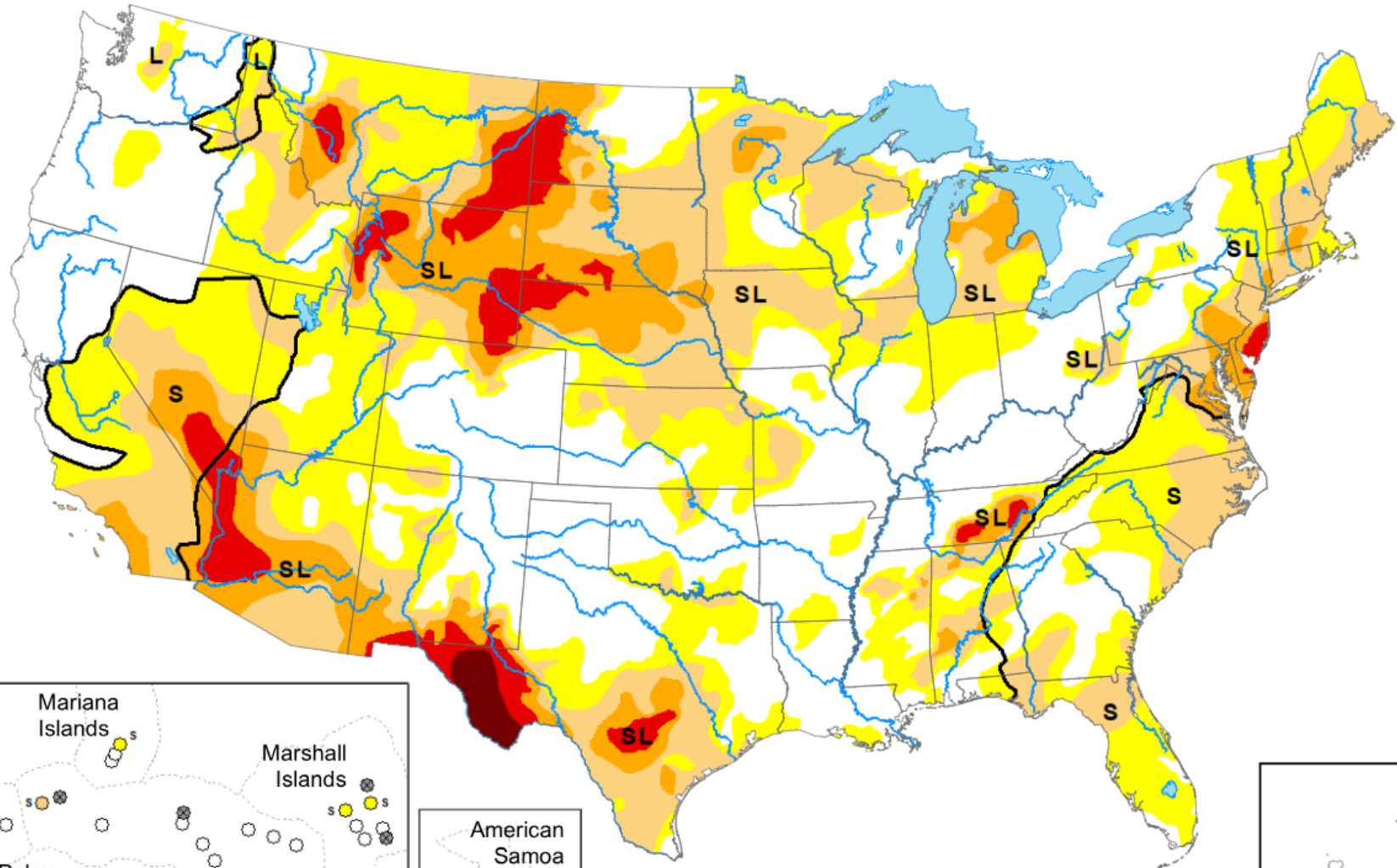


# Drought Monitor Main Map

Map released: January 9, 2025

Data valid: January 7, 2025

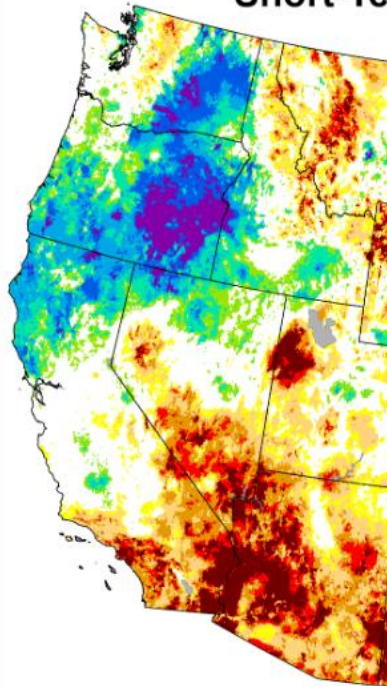
View grayscale version of the map



# Drought Monitor Better Maps

## Short-Term Composite Drought Indicator (Experimental)

January 13, 2025



### Short-Term CDI Composition

#### CDI Inputs

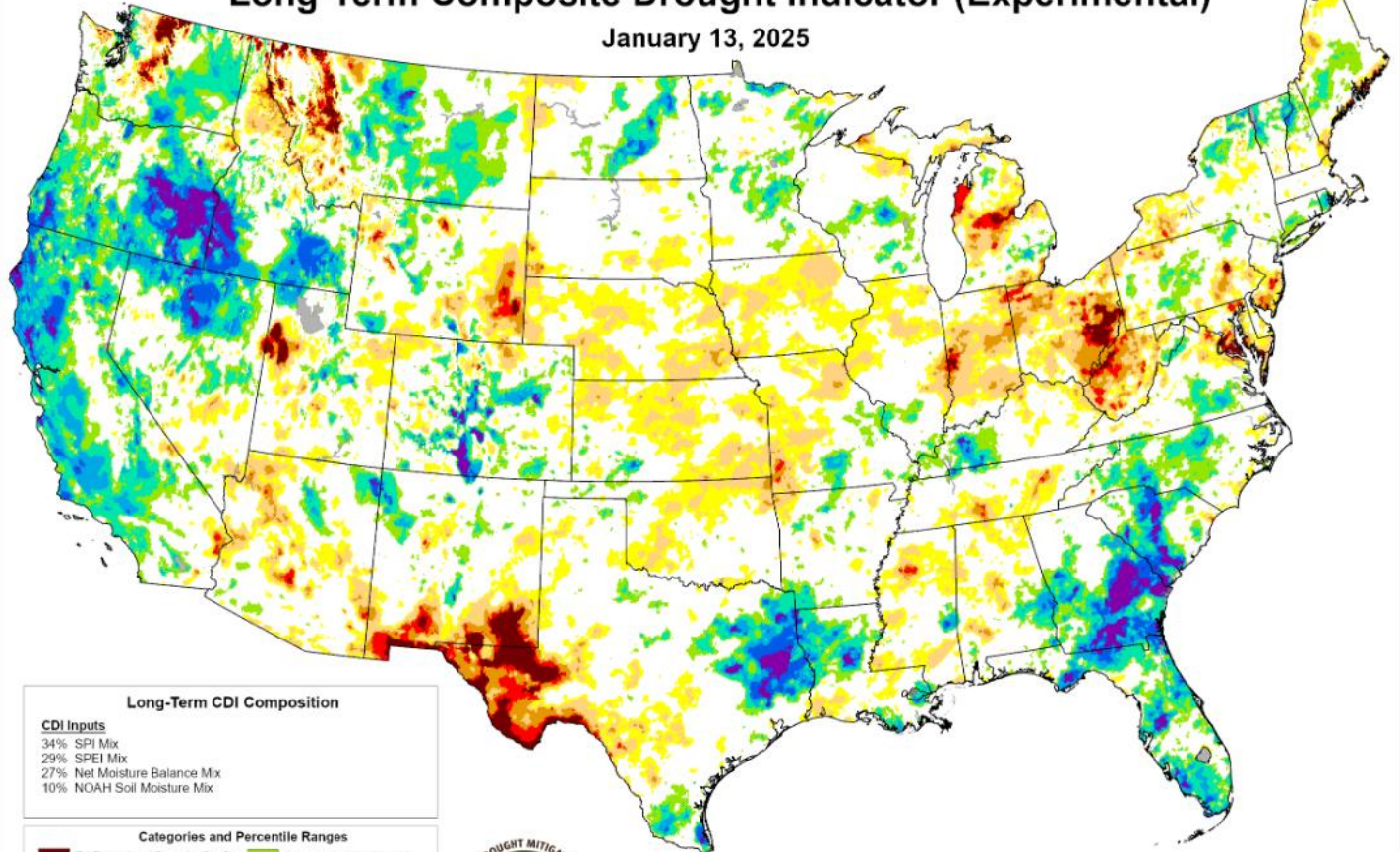
29% SPI Mix  
26% SPEI Mix  
20% Vegetation Mix  
14% Net Moisture Balance Mix  
11% NOAA Soil Moisture Mix

#### Categories and Percentile Ranges



## Long-Term Composite Drought Indicator (Experimental)

January 13, 2025



### Long-Term CDI Composition

#### CDI Inputs

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

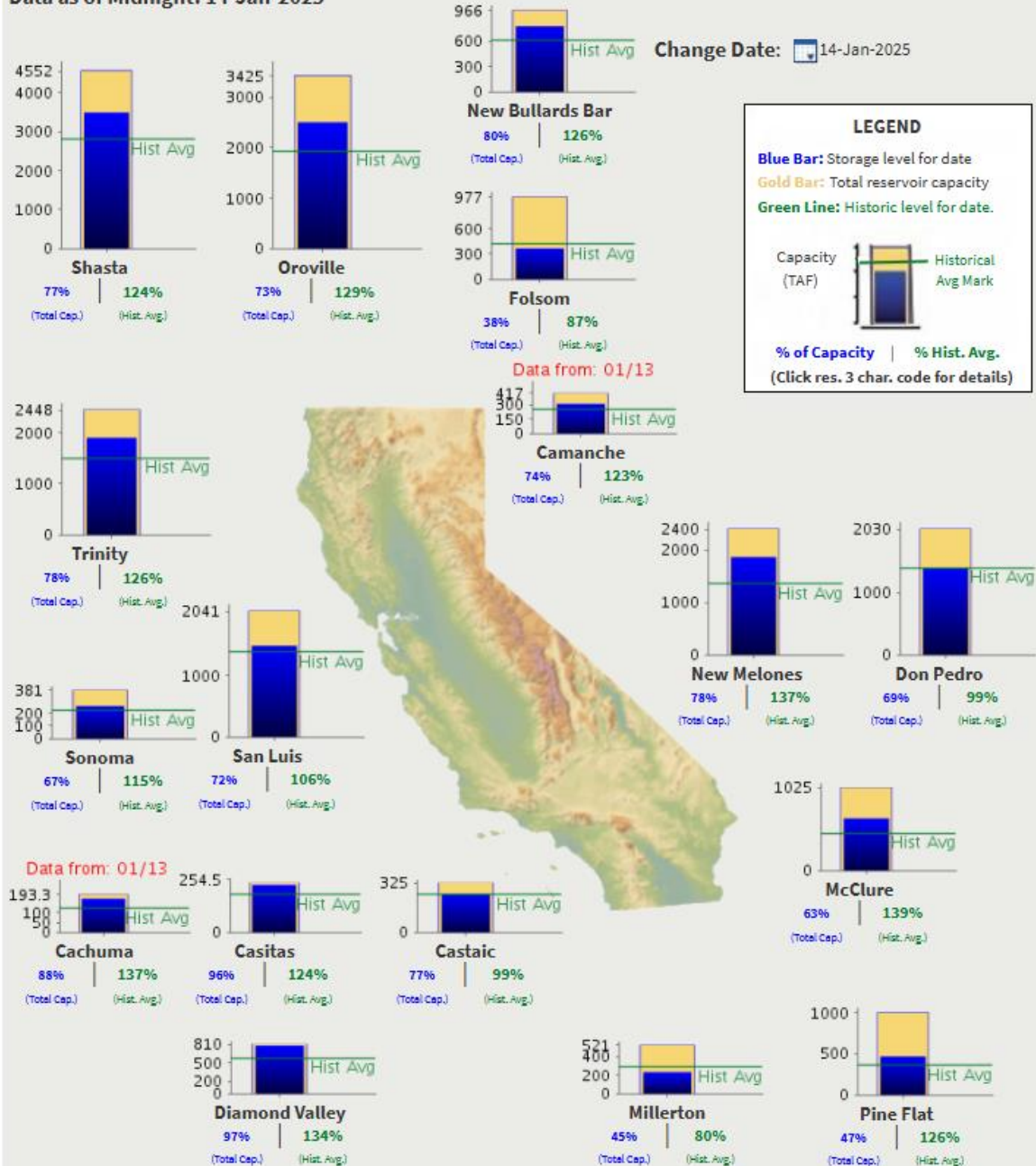
#### Categories and Percentile Ranges





**CURRENT CONDITIONS: MAJOR WATER SUPPLY RESERVOIRS:14-JAN-2025**

Data as of Midnight: 14-Jan-2025



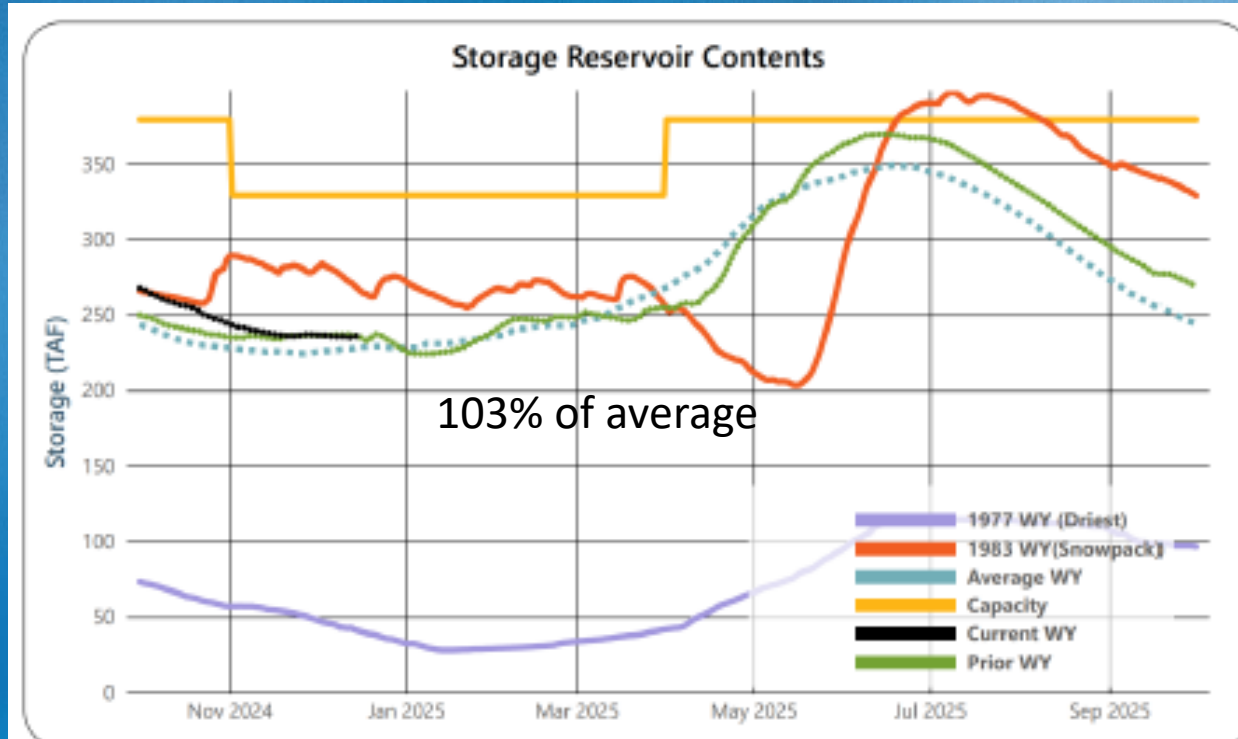
Click for printable version of current data.

Report Generated: 15-Jan-2025 10:22 AM





# SMUD/PCWA Storage 12-19-2024

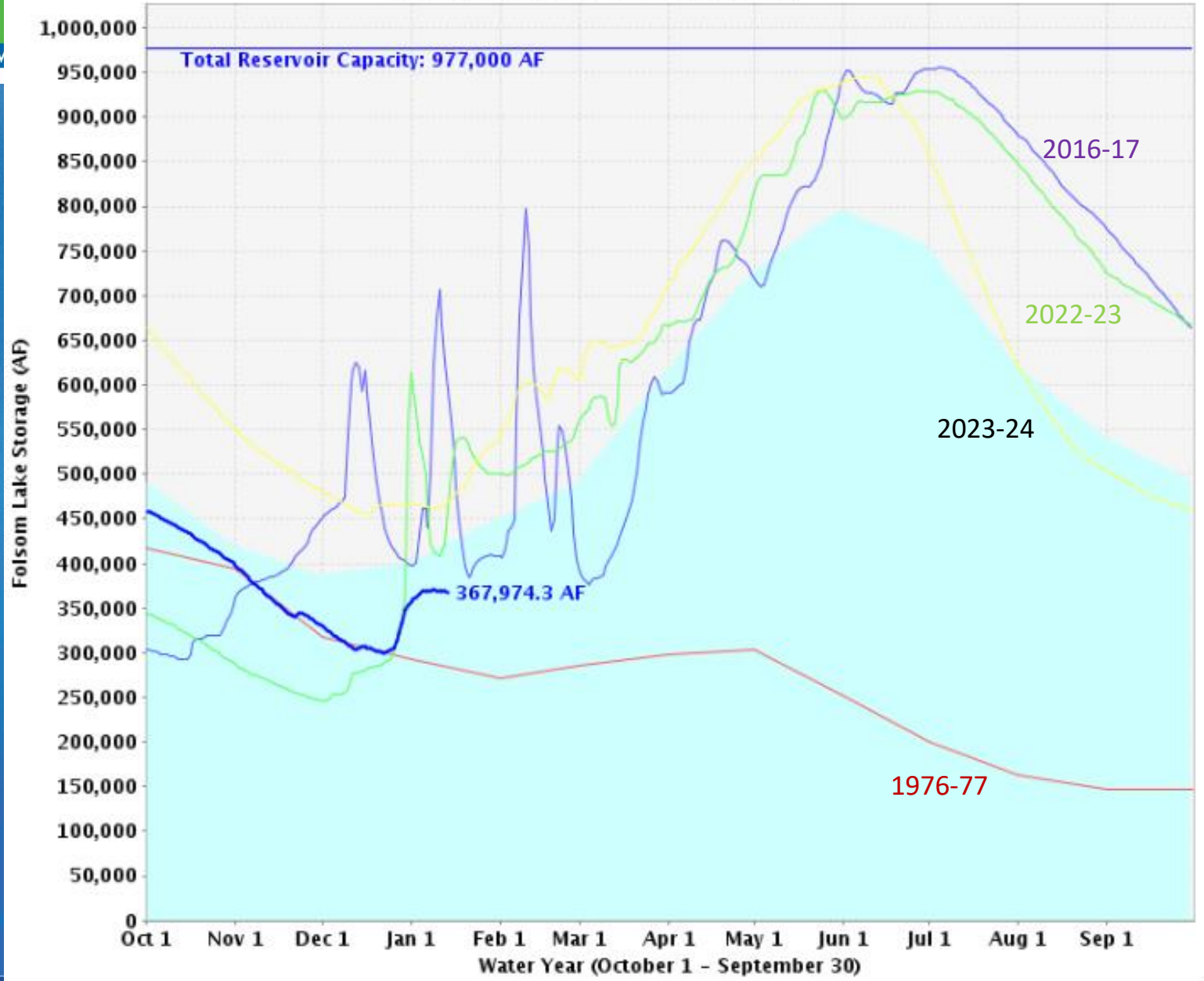


**PCWA Combined Storage (FM+HH) = 135,000 AF/342,590 AF  
= 39% Capacity; 80% of AVG YTD**



(click for multiple selections)

# Folsom Lake Storage Levels

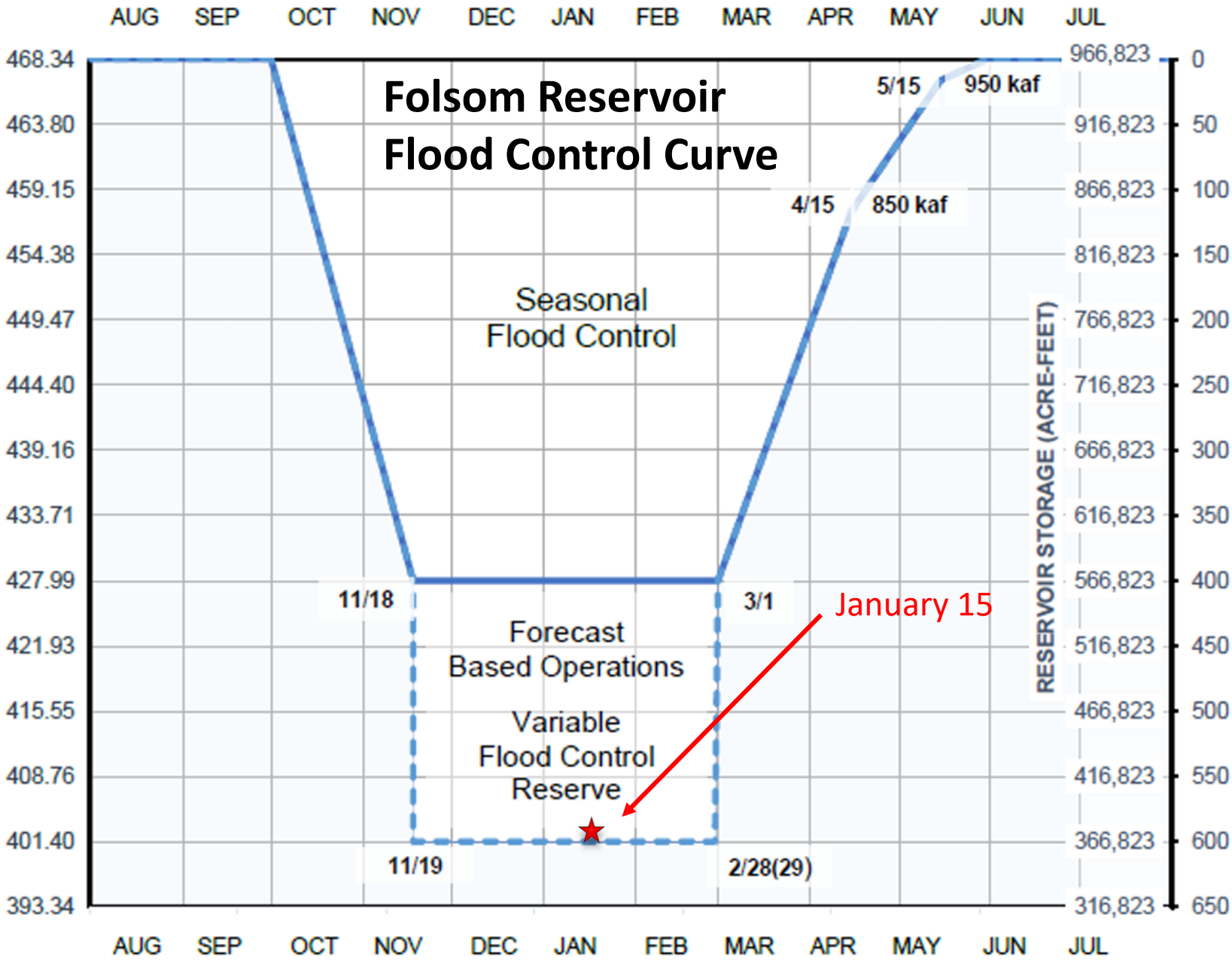


Historical Average — Total Reservoir Capacity — 1976-1977 (dry) — 2016-2017 — 2022-2023 — 2023-2024 — 2024-2025(current)



# Folsom Reservoir Flood Control Curve

POOL ELEVATION (FEET NAVD88)  
(TO CONVERT TO NGVD29 SUBTRACT 2.34 FEET)



RESERVOIR STORAGE (ACRE-FEET)  
FLOOD CONTROL RESERVATION (1,000 ACRE-FEET)



# DWR/Reclamation Forecasts

## December, 2024

### December 90% Exceedance Forecast

#### Storages

##### Federal End of the Month Storage/Elevation (TAF/Feet)

Facility	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Trinity	1661	1664	1677	1713	1780	1883	1803	1725	1598	1444	1292	1231	1215
Elevation	N/A	2316	2317	2320	2325	2333	2327	2321	2311	2296	2285	2279	2278
Whiskeytown	231	222	217	218	206	206	238	238	238	238	238	206	206
Elevation	N/A	1204	1202	1202	1199	1199	1209	1209	1209	1209	1209	1199	1199
Shasta	2770	2942	3160	3467	3894	3873	3737	3414	3067	2779	2662	2583	2542
Elevation	N/A	1005	1015	1027	1044	1043	1038	1025	1011	998	992	988	986
Folsom	332	297	313	353	462	558	580	556	506	462	435	414	398
Elevation	N/A	387	389	396	412	424	426	423	417	412	408	405	403
New Melones	1819	1824	1833	1839	1860	1792	1709	1628	1546	1484	1432	1381	1393
Elevation	N/A	1036	1037	1037	1039	1033	1025	1017	1008	1001	996	990	991
Federal San Luis	415	553	757	902	966	895	735	505	214	103	154	213	207
Elevation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Total</b>	<b>7228</b>	<b>7502</b>	<b>7956</b>	<b>8491</b>	<b>9167</b>	<b>9207</b>	<b>8802</b>	<b>8066</b>	<b>7169</b>	<b>6510</b>	<b>6213</b>	<b>6027</b>	<b>5981</b>

### December 50% Exceedance Forecast

#### Storages

##### Federal End of the Month Storage/Elevation (TAF/Feet)

Facility	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Trinity	1661	1699	1764	1876	2005	2129	2039	1939	1801	1660	1531	1481	1488
Elevation	N/A	2319	2324	2332	2341	2350	2344	2337	2327	2316	2306	2302	2302
Whiskeytown	231	206	206	206	206	206	238	238	238	238	238	206	206
Elevation	N/A	1199	1199	1199	1199	1199	1209	1209	1209	1209	1209	1199	1199
Shasta	2770	3139	3479	3721	4008	4296	4402	4202	3905	3646	3485	3347	3346
Elevation	N/A	1014	1028	1037	1048	1058	1062	1055	1044	1034	1028	1022	1022
Folsom	332	369	496	564	745	892	945	920	718	664	616	573	547
Elevation	N/A	398	416	424	444	458	463	461	441	435	430	425	422
New Melones	1819	1848	1893	1943	2021	1952	1925	1903	1833	1774	1725	1664	1676
Elevation	N/A	1038	1042	1047	1054	1048	1045	1043	1037	1031	1026	1020	1021
Federal San Luis	415	550	750	887	966	863	647	520	267	159	162	259	404
Elevation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Total</b>	<b>7228</b>	<b>7811</b>	<b>8587</b>	<b>9196</b>	<b>9951</b>	<b>10338</b>	<b>10195</b>	<b>9723</b>	<b>8762</b>	<b>8141</b>	<b>7757</b>	<b>7530</b>	<b>7667</b>



# American River Water/Air Temperatures

American River Daily Average Water and Air Temperatures (Calendar Year 2024)

