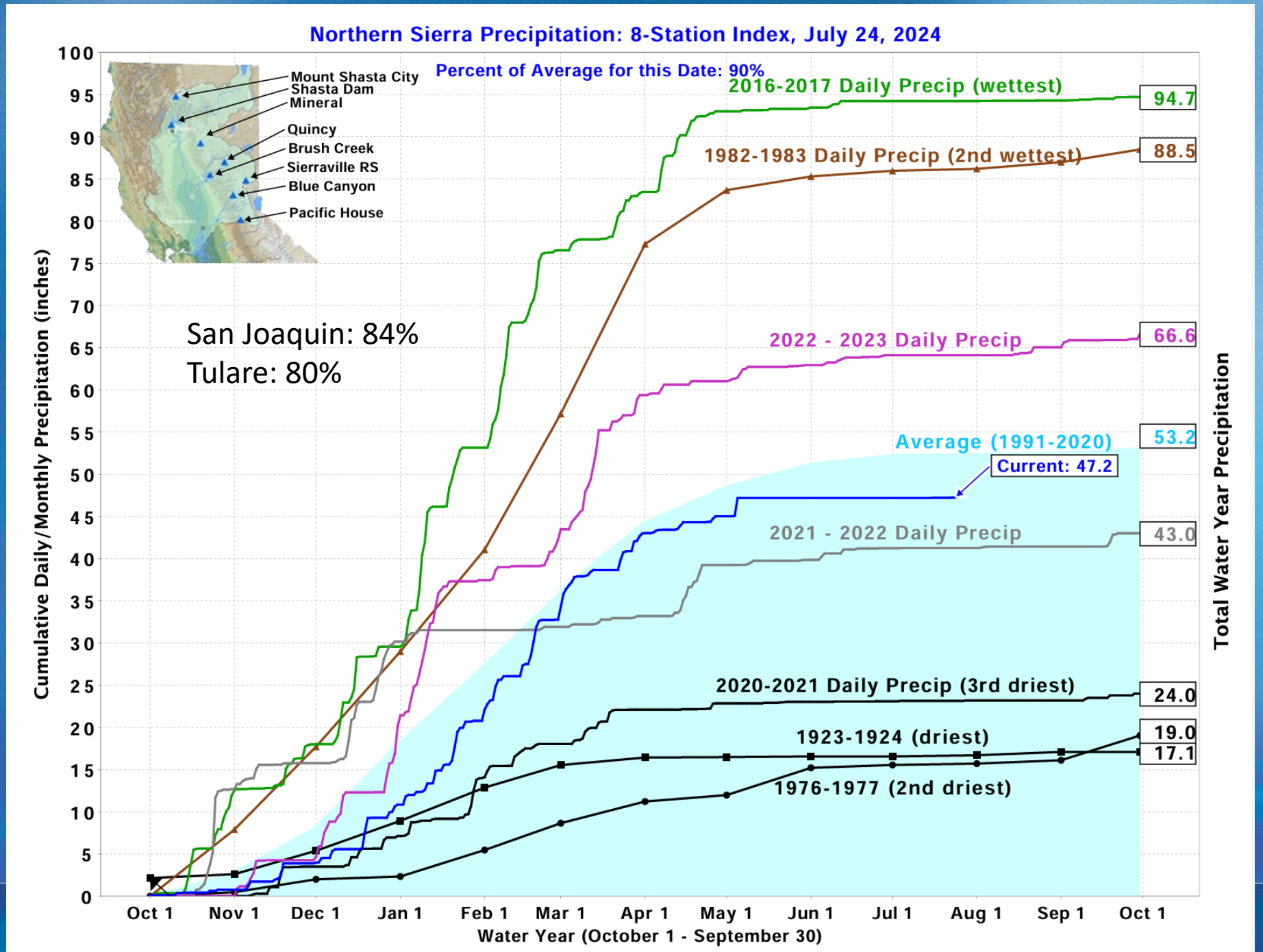

Northern Sierra Precipitation: 8-Station Index, July 24, 2024
Percent of Average for this Date: 90%
Mount Shasta City
Shasta Dam
Mineral
Quincy
Brush Creek
Sierraville RS
Blue Canyon
Pacific House
San Joaquin: 84%
Tulare: 80%
2016-2017 Daily Precip (wettest)
94.7
1982-1983 Daily Precip (2nd wettest)
88.5
2022 - 2023 Daily Precip
66.6
Average (1991-2020)
53.2
Current: 47.2
2021 - 2022 Daily Precip
43.0
2020-2021 Daily Precip (3rd driest)
24.0
1923-1924 (driest)
19.0
1976-1977 (2nd driest)
17.1
Cumulative Daily/Monthly Precipitation (inches)
Total Water Year Precipitation
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1
Aug 1
Sep 1
Oct 1
Water Year (October 1 - September 30)

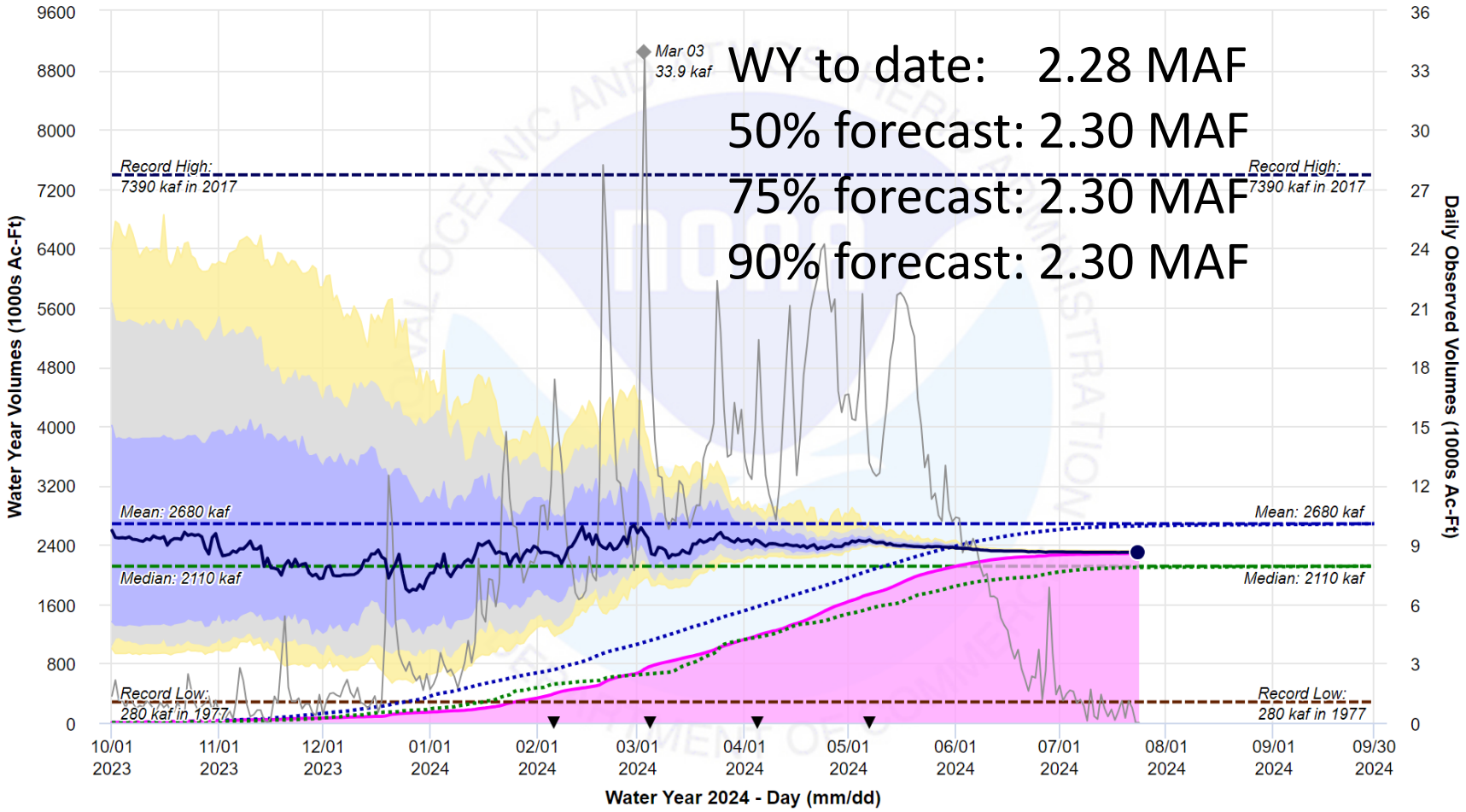
2024 Water Year Trend Plot

CSV Tabular View | Select a Different Water Year: 2024

AMERICAN - FOLSOM RESERVOIR (FOLC1) 07/24/2024

Median Forecast: 2300 kaf | 86% of Mean | 109% of Median

Created: 07/24/2024 at 08:34 AM PDT



Observed to Date Percent of Mean: 86% (2280 kaf) Water Year to Date Mean: 2650 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.

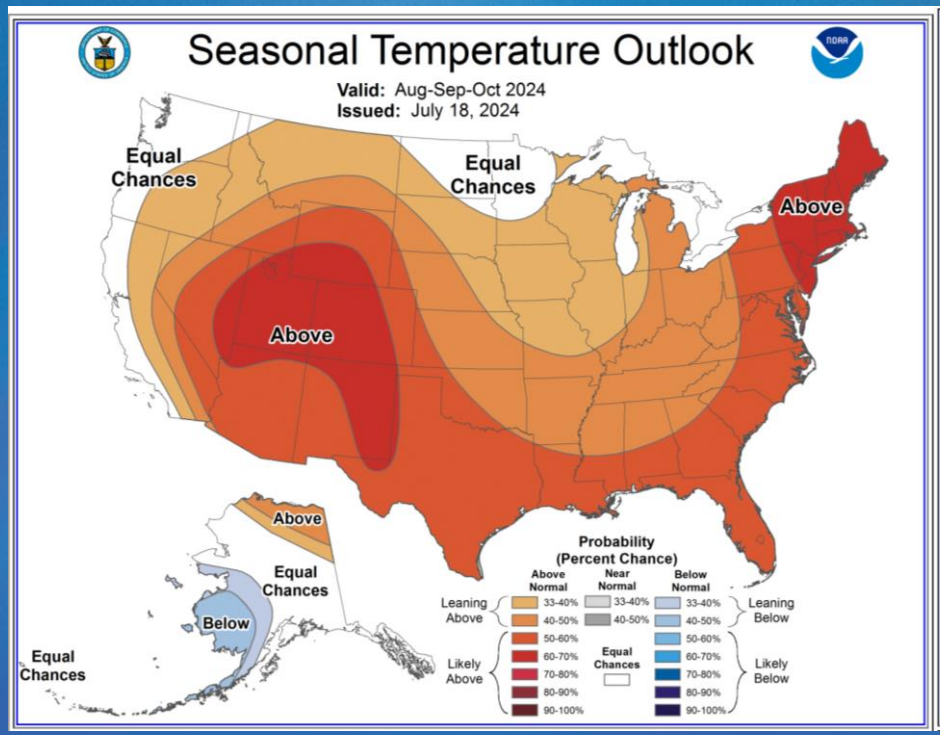
WY Volume Mean | WY Volume Median | WY to Date Obs | WY to Date Mean | WY to Date Median | Daily Obs

Obs Peak | WY Vol Fcst 50% | WY Vol Fcst 25/75% | WY Vol Fcst 10/90% | WY Vol Fcst Max/Min | Record Low

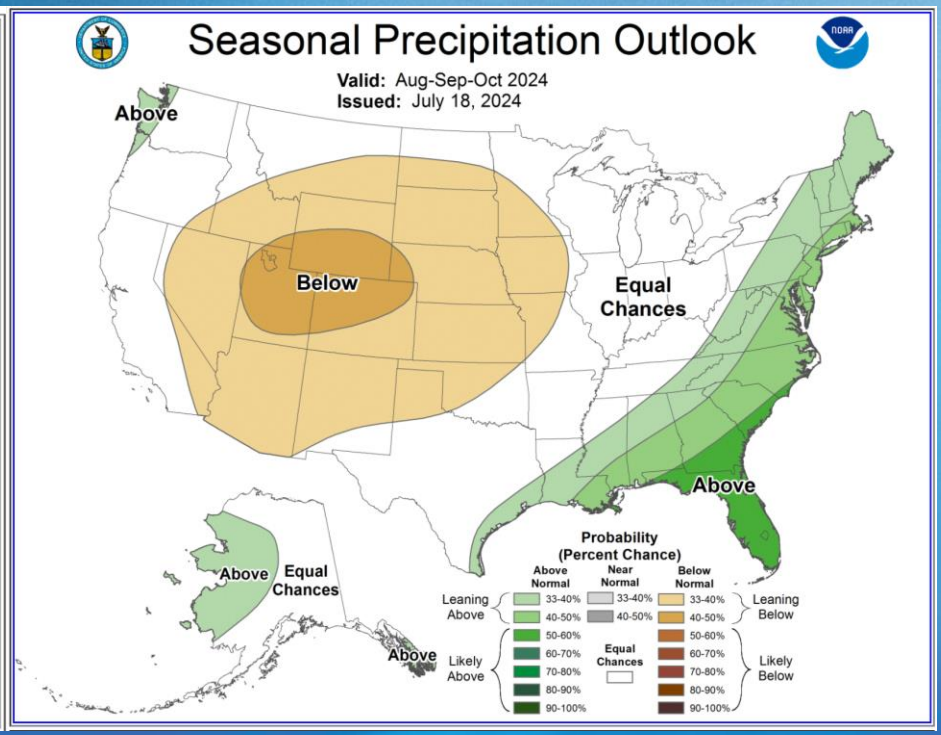
Record High | Snow Model Updates

NOAA 3-Month Outlook

Temperature



Precipitation

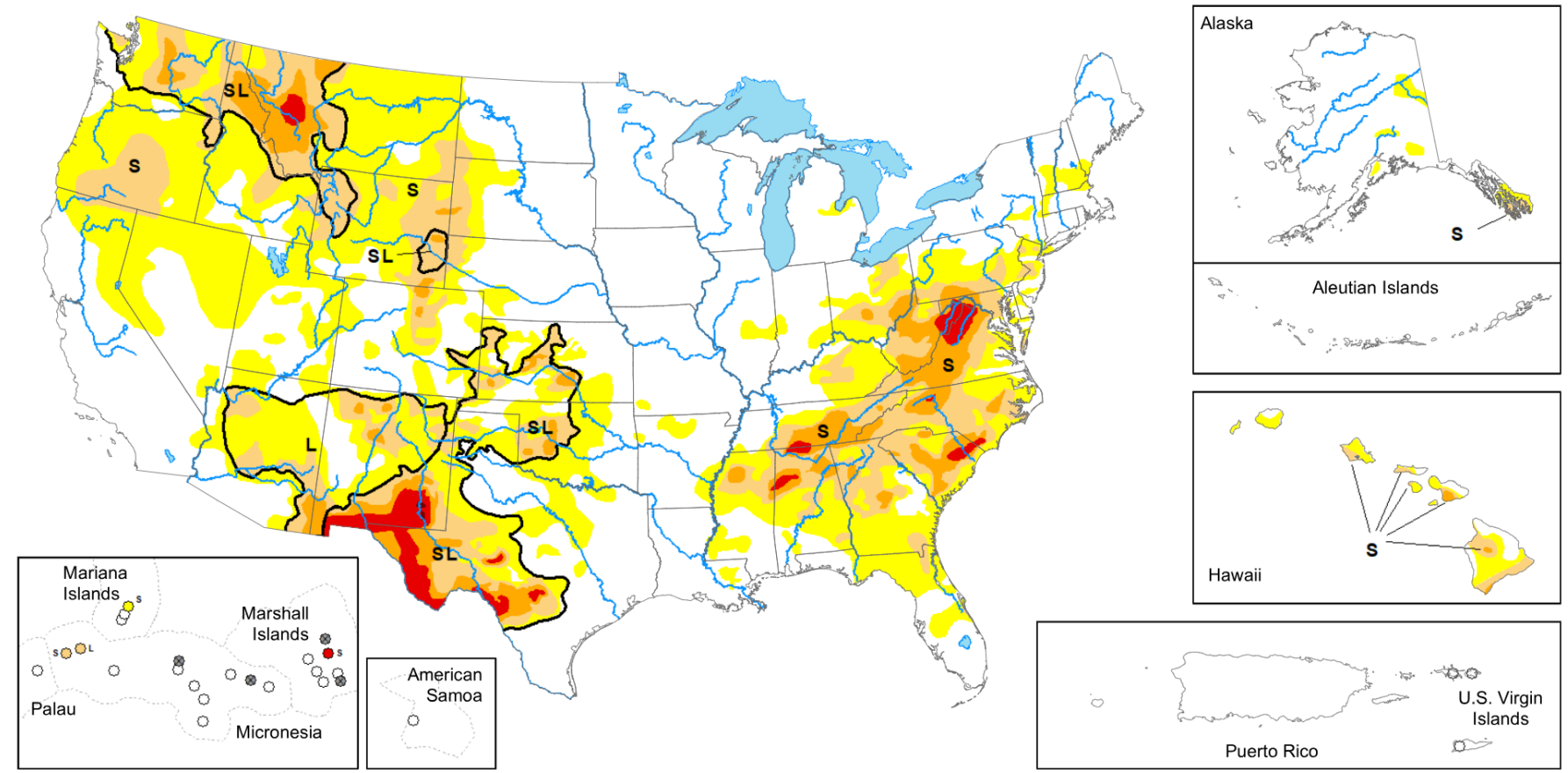


Drought Monitor Main Map

Map released: July 18, 2024

Data valid: July 16, 2024

View grayscale version of the map



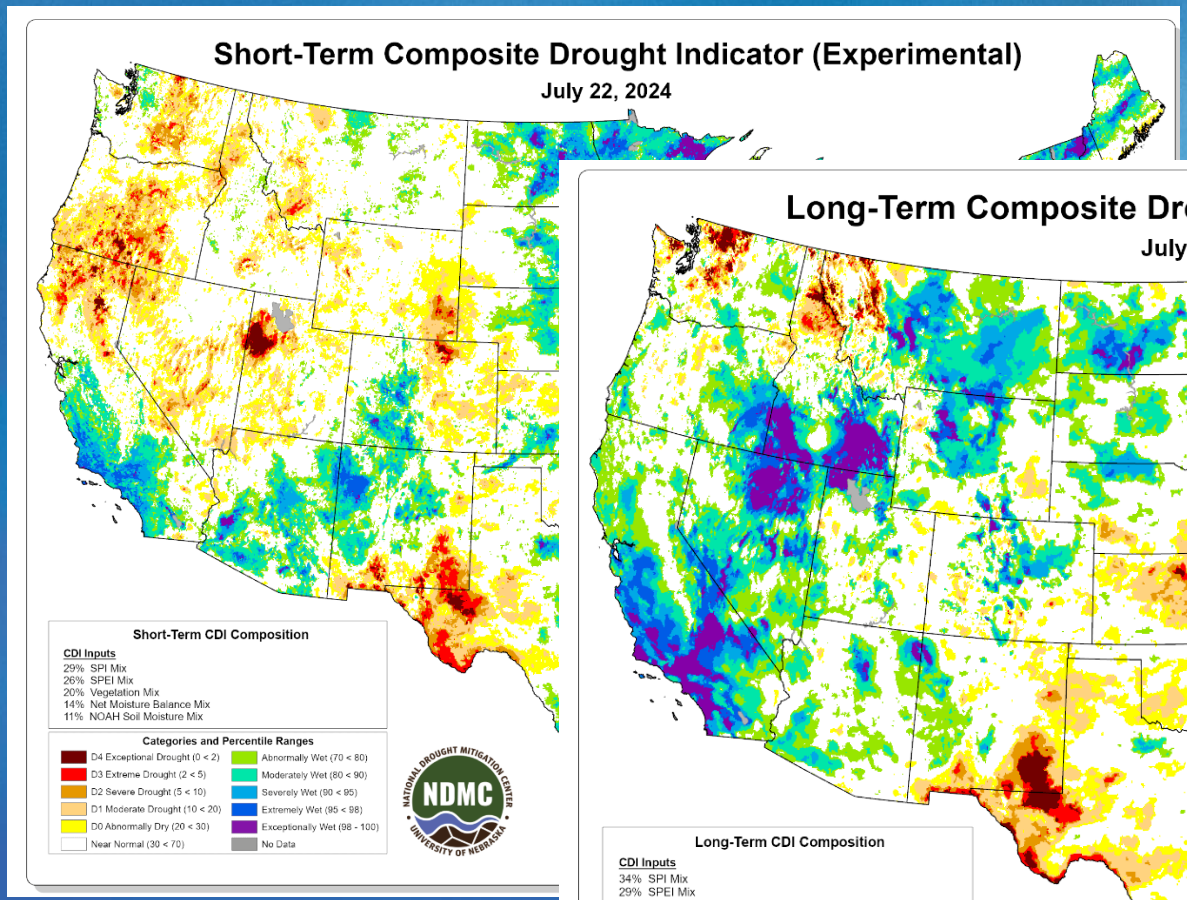
United States and Puerto Rico Author(s):

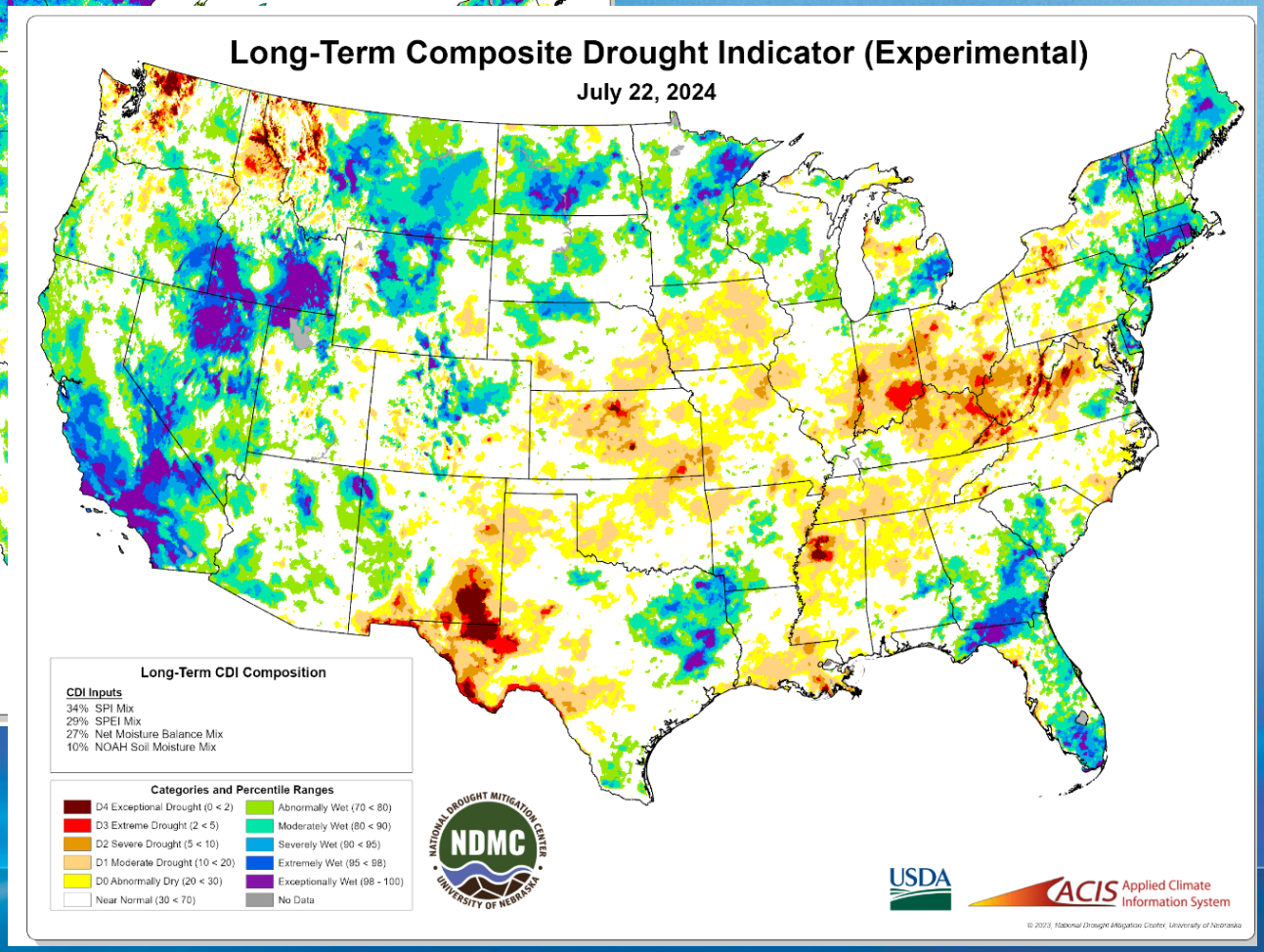
Brian Fuchs, National Drought Mitigation Center

Pacific Islands and Virgin Islands Author(s):

Lindsay Johnson, National Drought Mitigation Center

Drought Monitor Better Maps



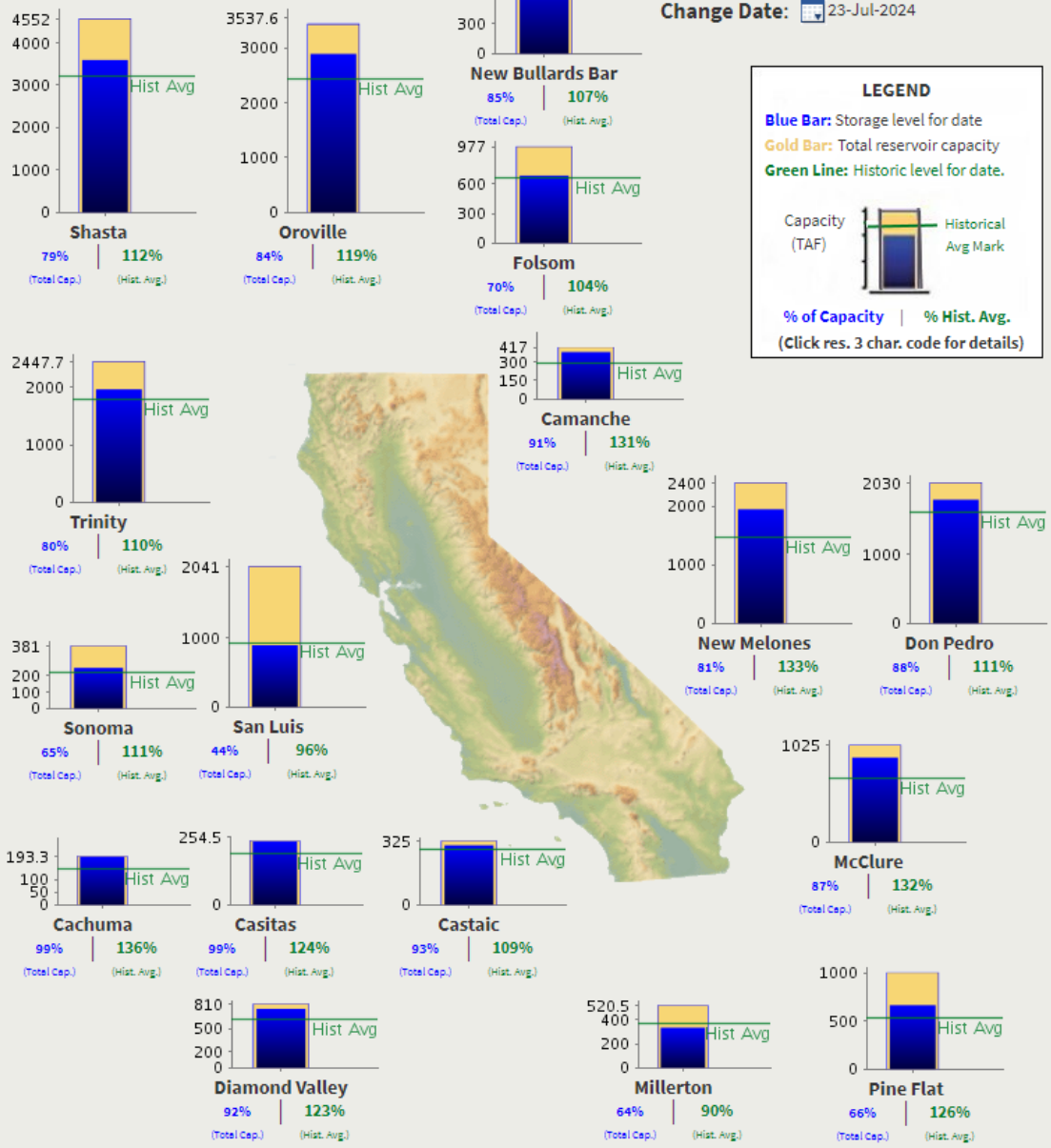


SAN JUAN WATER
SINCE 1854

CURRENT CONDITIONS: MAJOR WATER SUPPLY RESERVOIRS:23-JUL-2024

Midnight: 23-Jul-2024

Change Date: 23-Jul-2024



LEGEND

Blue Bar: Storage level for date
Gold Bar: Total reservoir capacity
Green Line: Historic level for date.

Capacity (TAF) — Historical Avg Mark

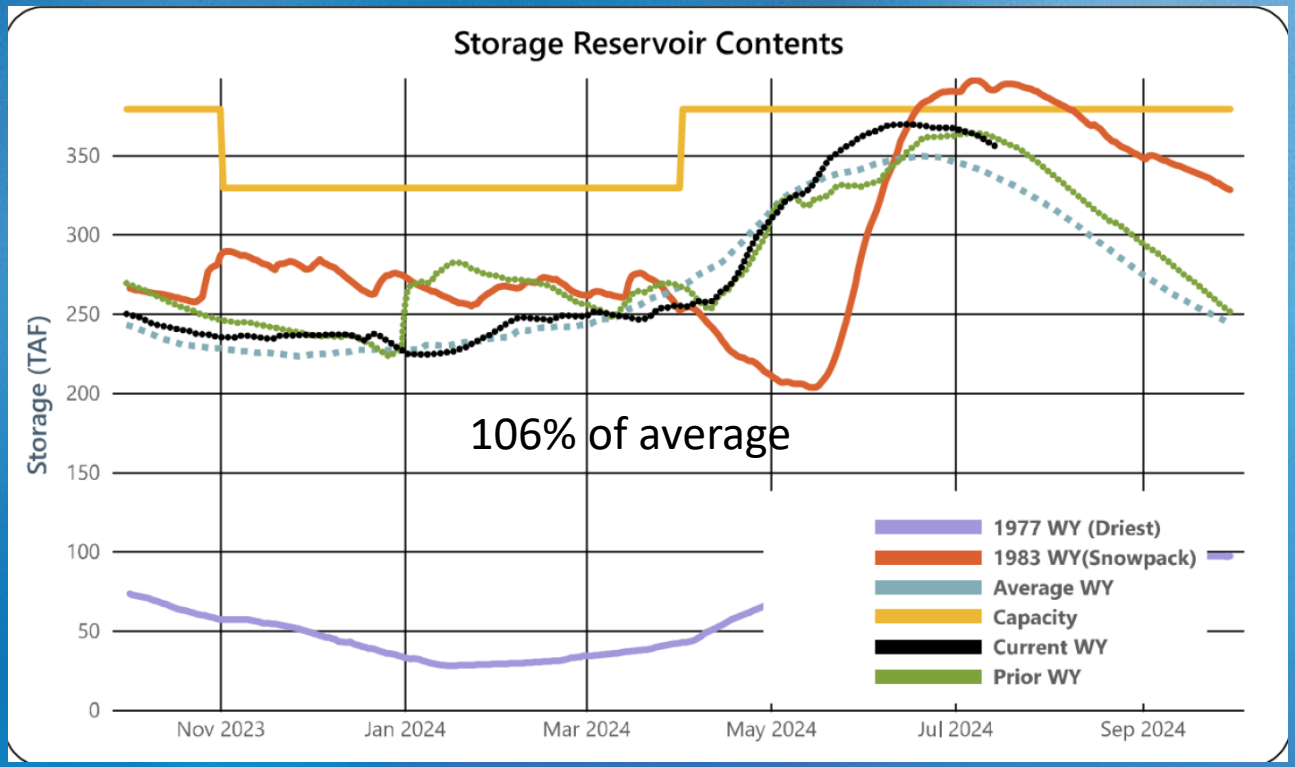
% of Capacity | **% Hist. Avg.**
(Click res. 3 char. code for details)

Click for printable version of current data.

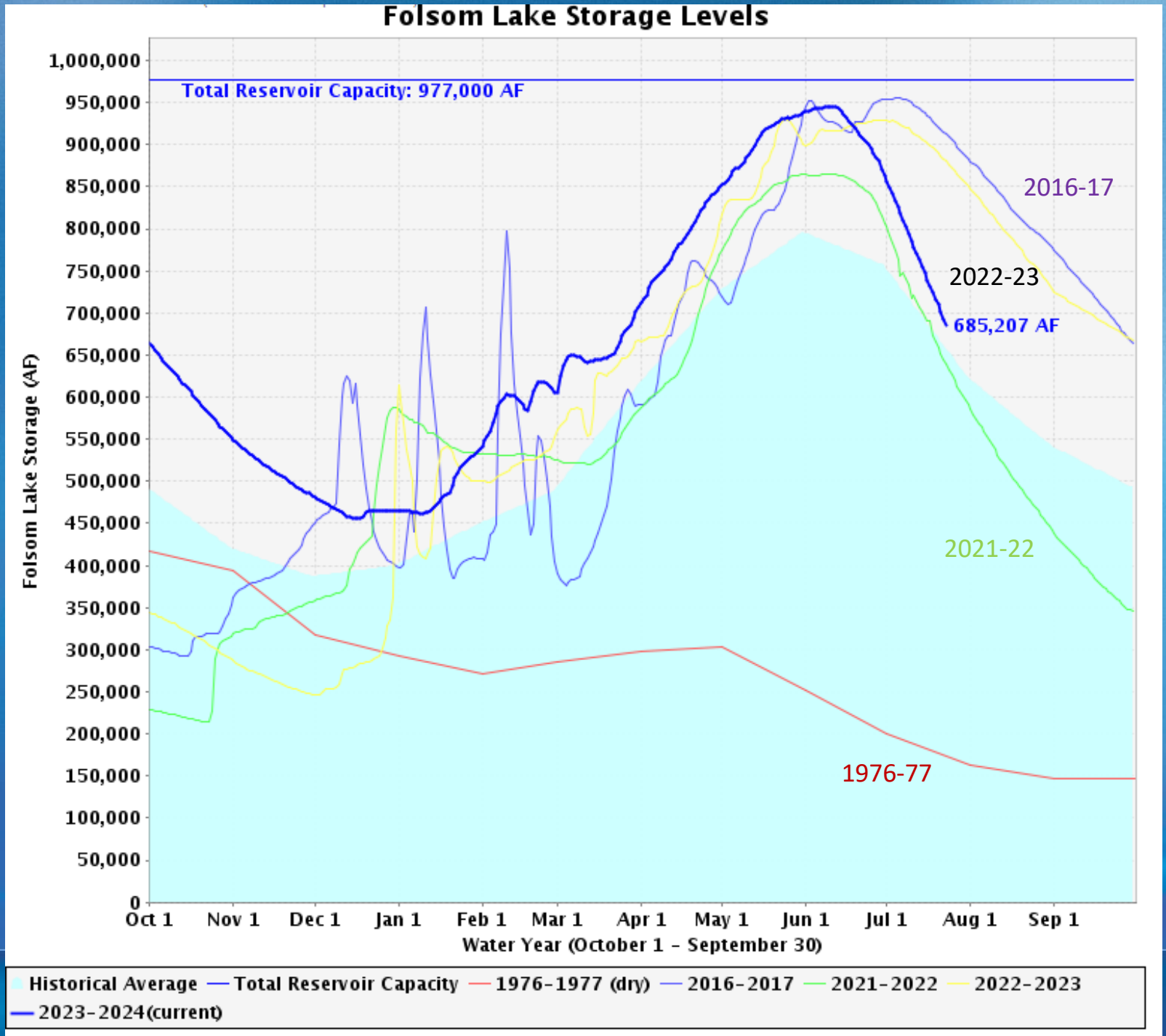
Report Generated: 24-Jul-2024 3:45 PM

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

SMUD/PCWA Storage 6-17-2024



PCWA Combined Storage (FM+HH) = 278,000 AF/342,590 AF
= 81% Capacity; 109% of 15-yr AVG YTD


Folsom Lake Storage Levels
Total Reservoir Capacity: 977,000 AF
2016-17
2022-23
685,207 AF
2021-22
1976-77
Folsom Lake Storage (AF)
1,000,000
950,000
900,000
850,000
800,000
750,000
700,000
650,000
600,000
550,000
500,000
450,000
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1
Aug 1
Sep 1
Water Year (October 1 - September 30)
Historical Average
Total Reservoir Capacity
1976-1977 (dry)
2016-2017
2021-2022
2022-2023
2023-2024(current)

DWR/Reclamation Forecasts
July, 2024

90% exceedance

Storages

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

Facility	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Trinity	**2046**	**1924**	**1786**	**1657**	**1634**	**1630**	**1651**	**1663**	**1699**	**1763**	**1837**	**1788**	**1706**
Elevation		2336	2326	2316	2314	2314	2315	2316	2319	2324	2329	2326	2320
Whiskeytown	**237**	**238**	**238**	**238**	**206**	**206**	**206**	**206**	**206**	**206**	**238**	**238**	**238**
Elevation		1209	1209	1209	1199	1199	1199	1199	1199	1199	1209	1209	1209
Shasta	**4000**	**3468**	**2972**	**2672**	**2516**	**2525**	**2597**	**2668**	**2795**	**3034**	**3050**	**2789**	**2437**
Elevation		1027	1006	993	985	985	989	992	998	1009	1010	998	981
Folsom	**863**	**629**	**520**	**493**	**442**	**365**	**306**	**307**	**354**	**465**	**610**	**723**	**706**
Elevation		432	419	416	409	398	388	388	396	412	430	442	440
New Melones	**2004**	**1930**	**1874**	**1830**	**1766**	**1773**	**1780**	**1785**	**1787**	**1807**	**1740**	**1672**	**1592**
Elevation		1046	1041	1036	1030	1031	1032	1032	1032	1034	1028	1021	1013
Federal San Luis	**655**	**381**	**247**	**282**	**270**	**325**	**457**	**625**	**582**	**566**	**516**	**374**	**223**
Elevation													
Total	9805	8570	7637	7171	6833	6823	6997	7253	7423	7842	7990	7585	6902

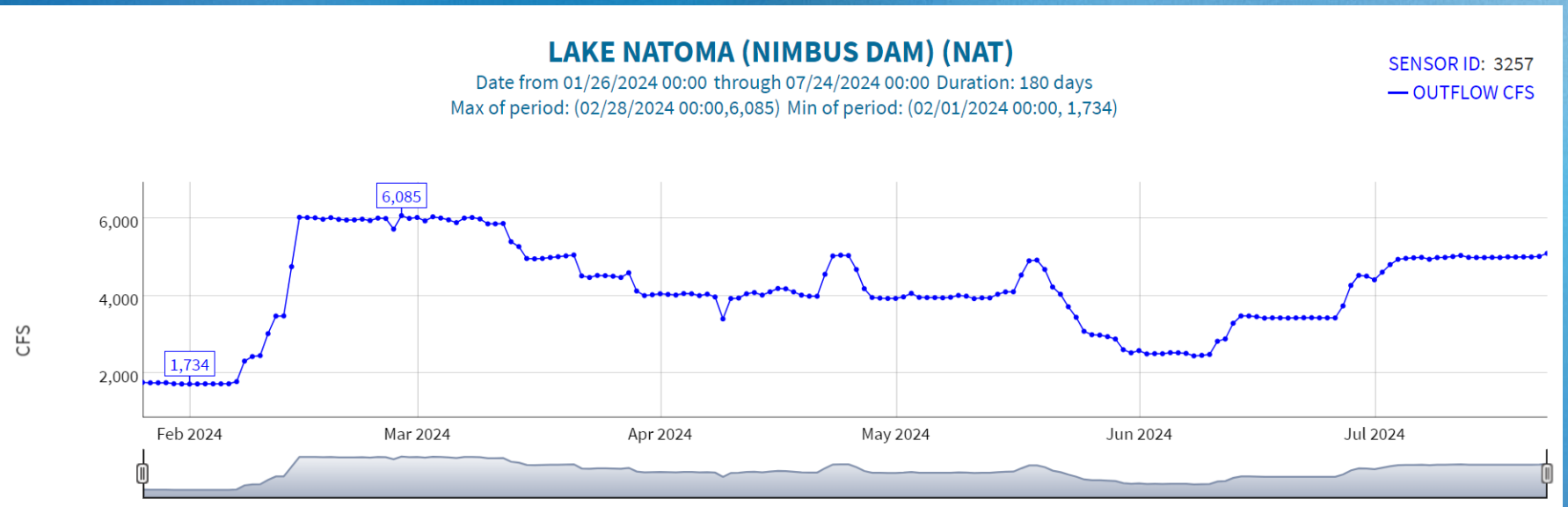
50% exceedance

Storages

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

Facility	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Trinity	**2046**	**1944**	**1812**	**1693**	**1643**	**1650**	**1688**	**1751**	**1863**	**1991**	**2095**	**2026**	**1943**
Elevation		2337	2328	2319	2315	2315	2318	2323	2331	2340	2347	2343	2337
Whiskeytown	**237**	**238**	**238**	**238**	**206**	**206**	**206**	**206**	**206**	**206**	**238**	**238**	**238**
Elevation		1209	1209	1209	1199	1199	1199	1199	1199	1199	1209	1209	1209
Shasta	**4000**	**3448**	**3090**	**2859**	**2783**	**2812**	**2918**	**3250**	**3539**	**3930**	**4111**	**4228**	**4016**
Elevation		1027	1012	1001	998	999	1004	1018	1030	1045	1052	1056	1048
Folsom	**863**	**629**	**479**	**427**	**416**	**390**	**380**	**441**	**537**	**726**	**872**	**954**	**952**
Elevation		432	414	407	405	402	400	409	421	442	456	464	464
New Melones	**2004**	**1924**	**1871**	**1828**	**1769**	**1781**	**1798**	**1833**	**1890**	**1970**	**1941**	**2006**	**2025**
Elevation		1045	1040	1036	1031	1032	1033	1037	1042	1050	1047	1053	1054
Federal San Luis	**655**	**329**	**214**	**222**	**270**	**411**	**606**	**803**	**935**	**966**	**867**	**654**	**506**
Elevation													N/A
Total	9805	8511	7703	7267	7086	7249	7595	8284	8969	9788	10123	10106	9680

Releases from Nimbus
Past six months



Generated on Wed Jul 24 2024 15:54:05 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: 07/24/2024 Span: 180 days

Temps at Watt Ave
Past three months

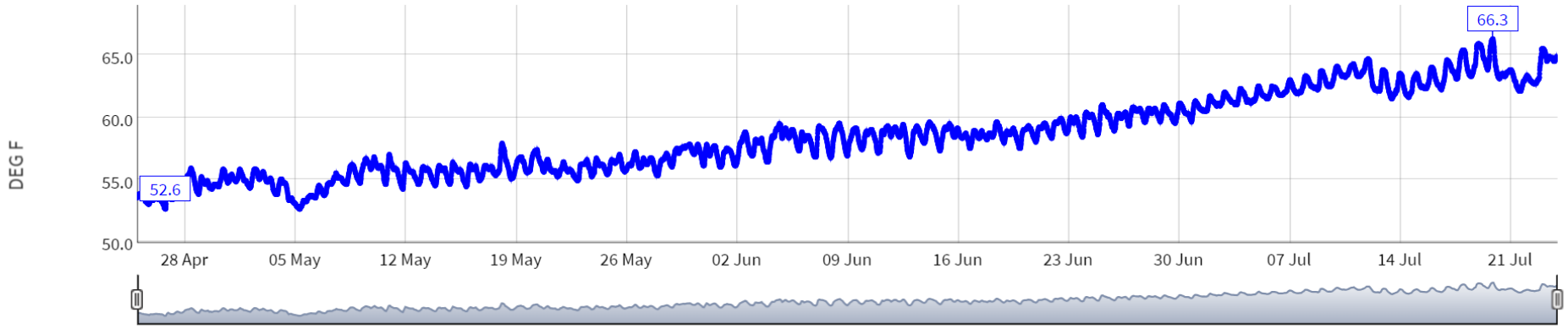
AMERICAN RIVER AT FAIR OAKS (AFO)

Date from 04/25/2024 00:00 through 07/24/2024 00:00 Duration: 90 days

Max of period: (07/19/2024 21:30,66.3) Min of period: (04/26/2024 19:15, 52.6)

SENSOR ID: 8250

— TEMP W DEG F



Generated on Wed Jul 24 2024 15:57:35 GMT-0700 (Pacific Daylight Time)

Plot all AFO Sensors | Real-Time AFO Data | Daily AFO Data | Show AFO Map | AFO Info

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

Plot from ending date: 07/24/2024 Span: 90 days