



Hydrologic Conditions & Outlook

Jeanine Jones

Precipitation Statistics (period of record: 1981-current)

Statewide as of 09/27/2026

Water Year to Date: **22.56"**

% of Average: **95%**

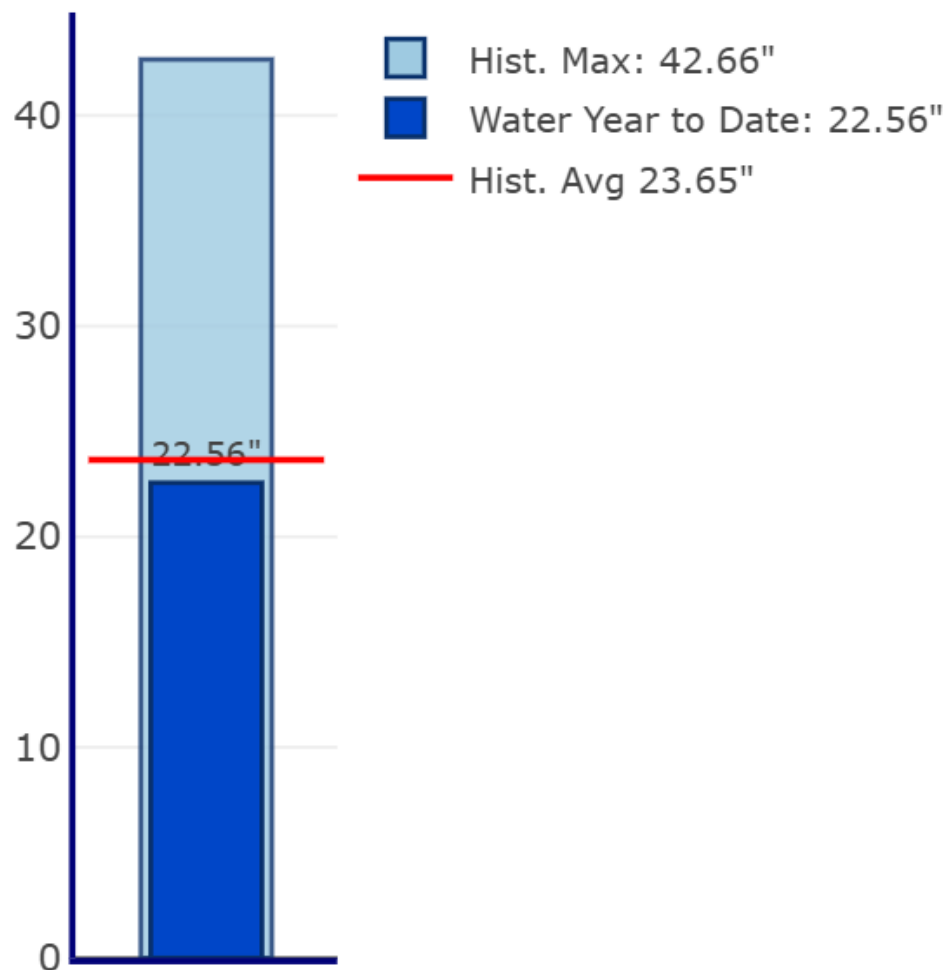
Precipitation % of average for
full water year through
September 30th: **95%**

Historical Record to Date:

Max: **42.66"**

Mean: **23.65"**

Min: **11.8"**



Precipitation for water year to date is
95% of historical average

Precipitation Statistics (period of record: 1981-current)

North Coast as of 09/27/2026

Water Year to Date: **44.93"**

% of Average: **85%**

Precipitation % of average for
full water year through
September 30th: **84%**

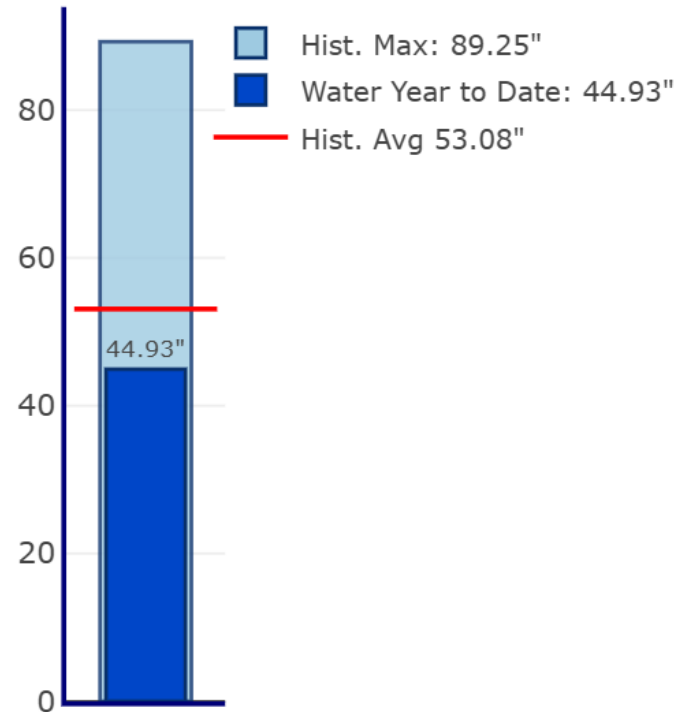
Historical Record to Date:

Max: **89.25"**

Mean: **53.08"**

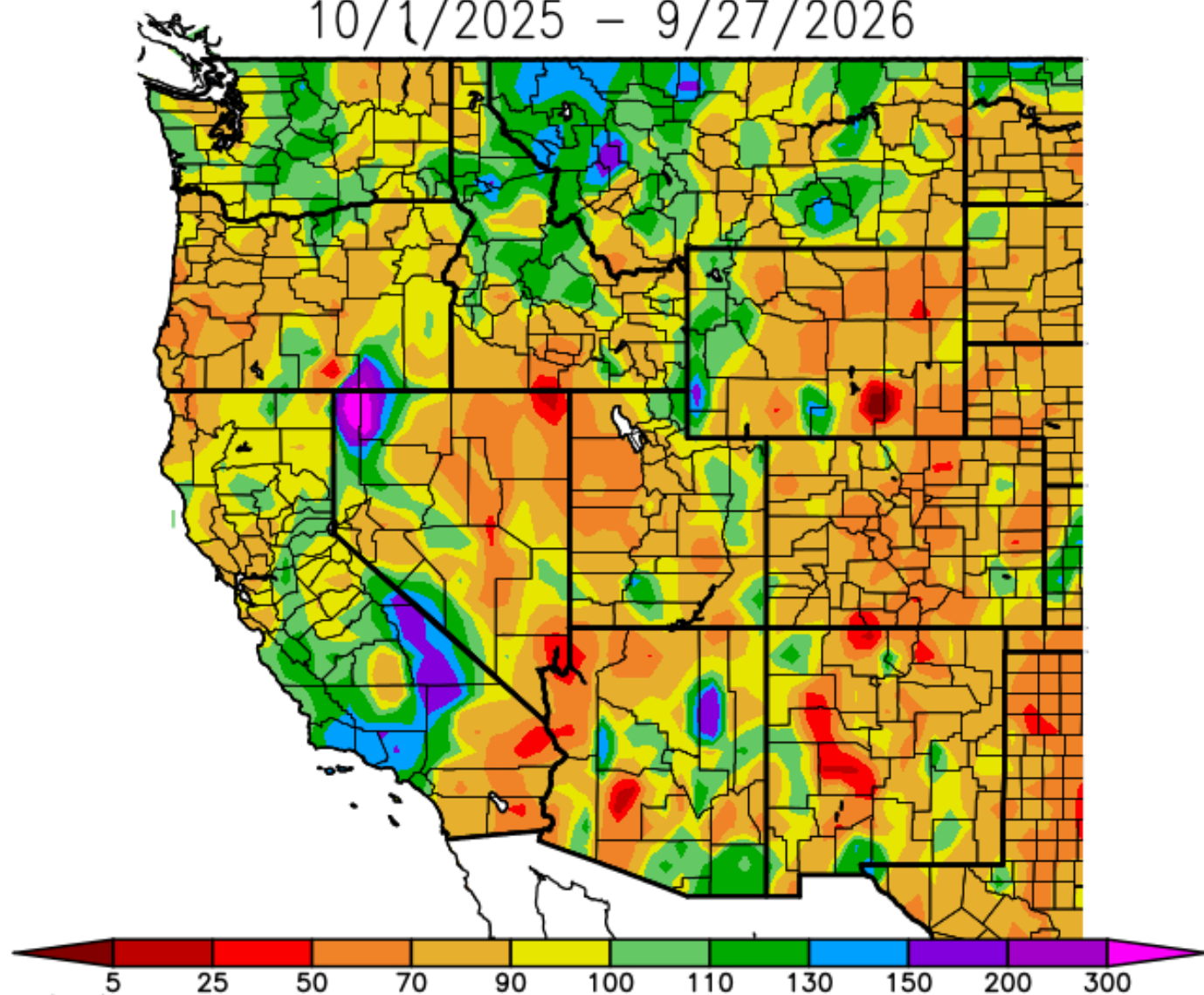
Min: **30.11"**

[Download Image](#)



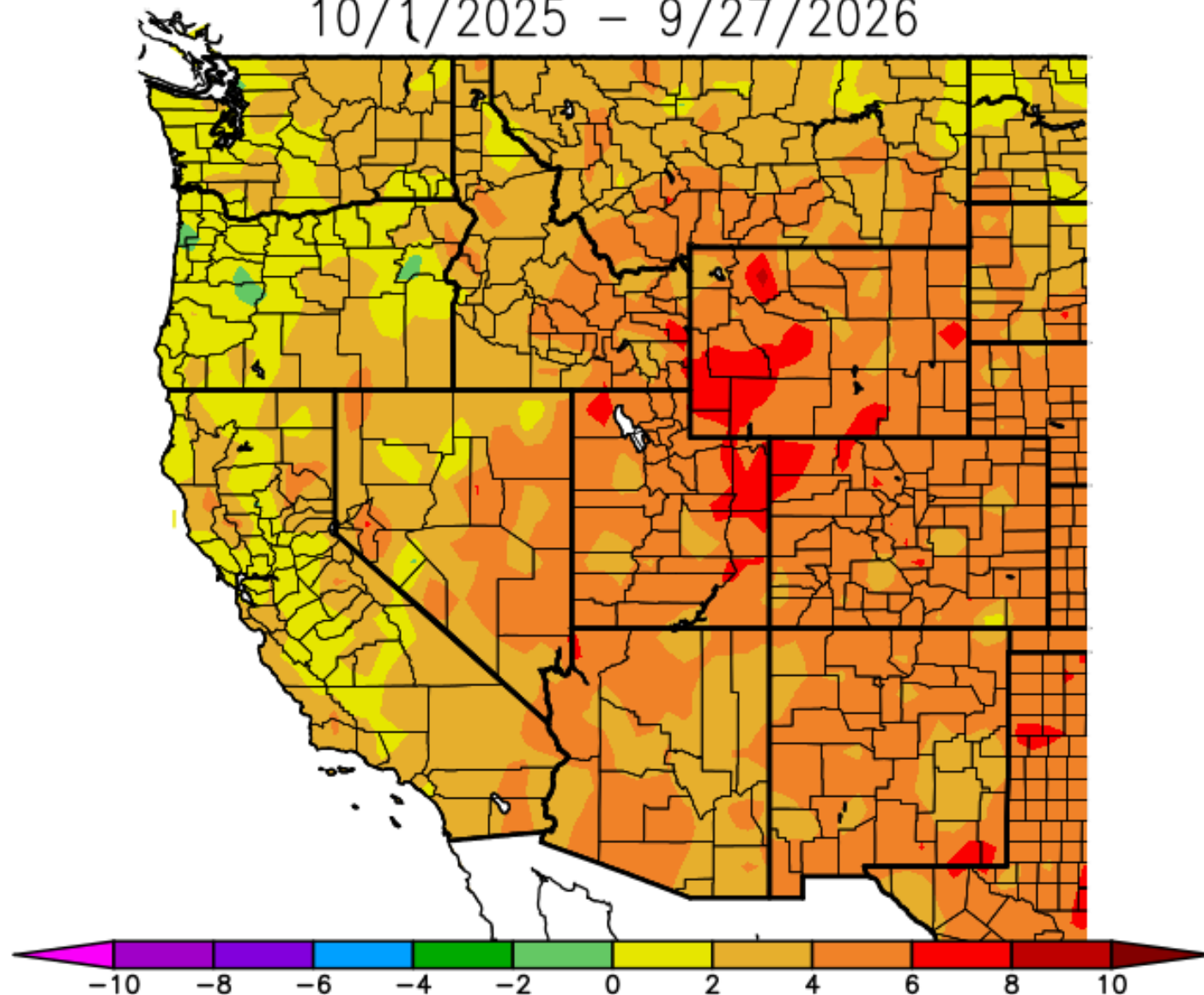
Precipitation for water year to date is
85% of historical average

Percent of Average Precipitation (%)
10/1/2025 – 9/27/2026

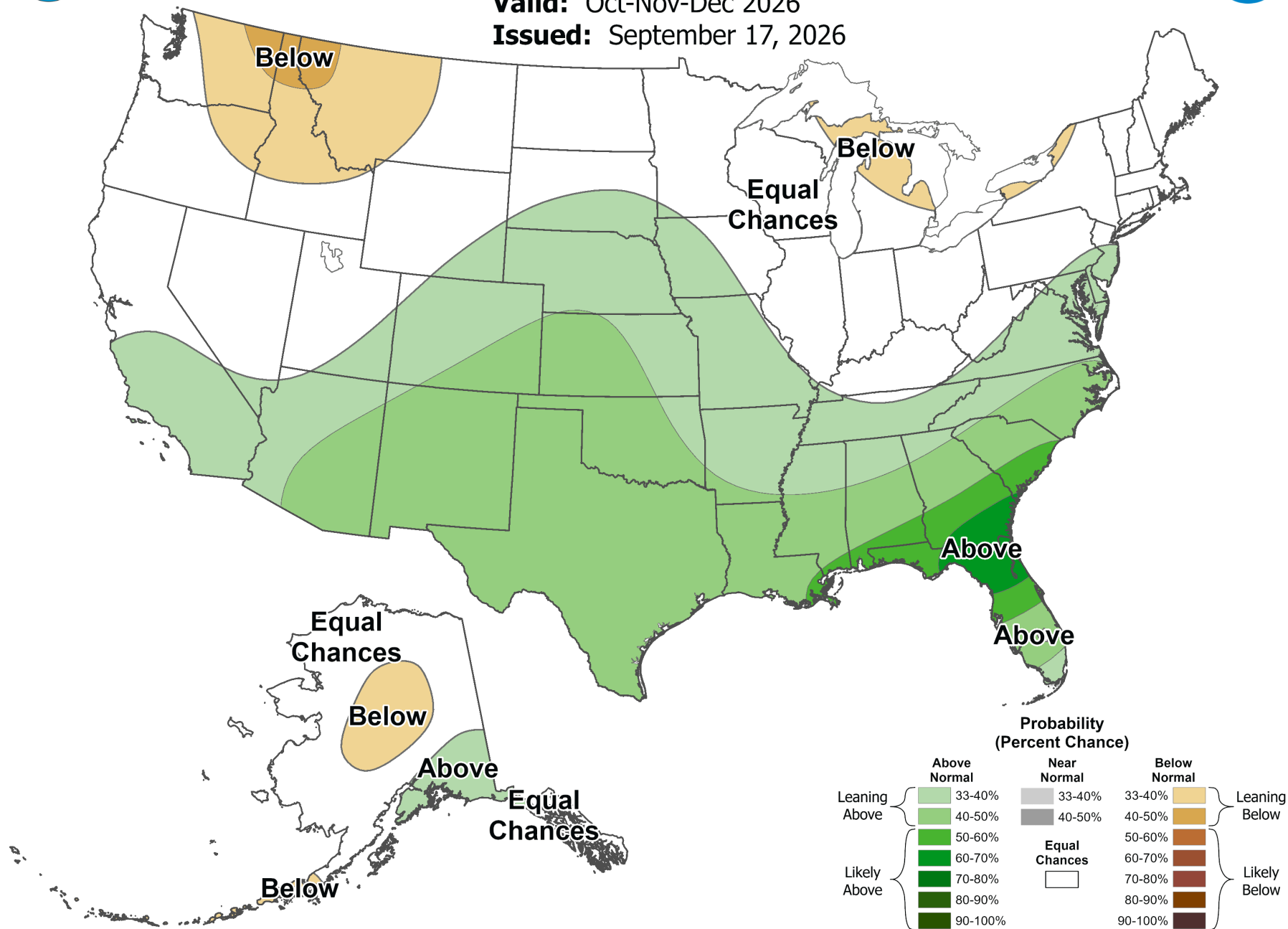
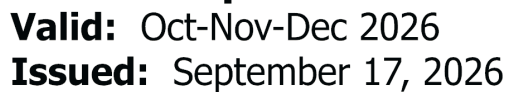


Generated 9/28/2026 at WRCC using provisional data.
NOAA Regional Climate Centers

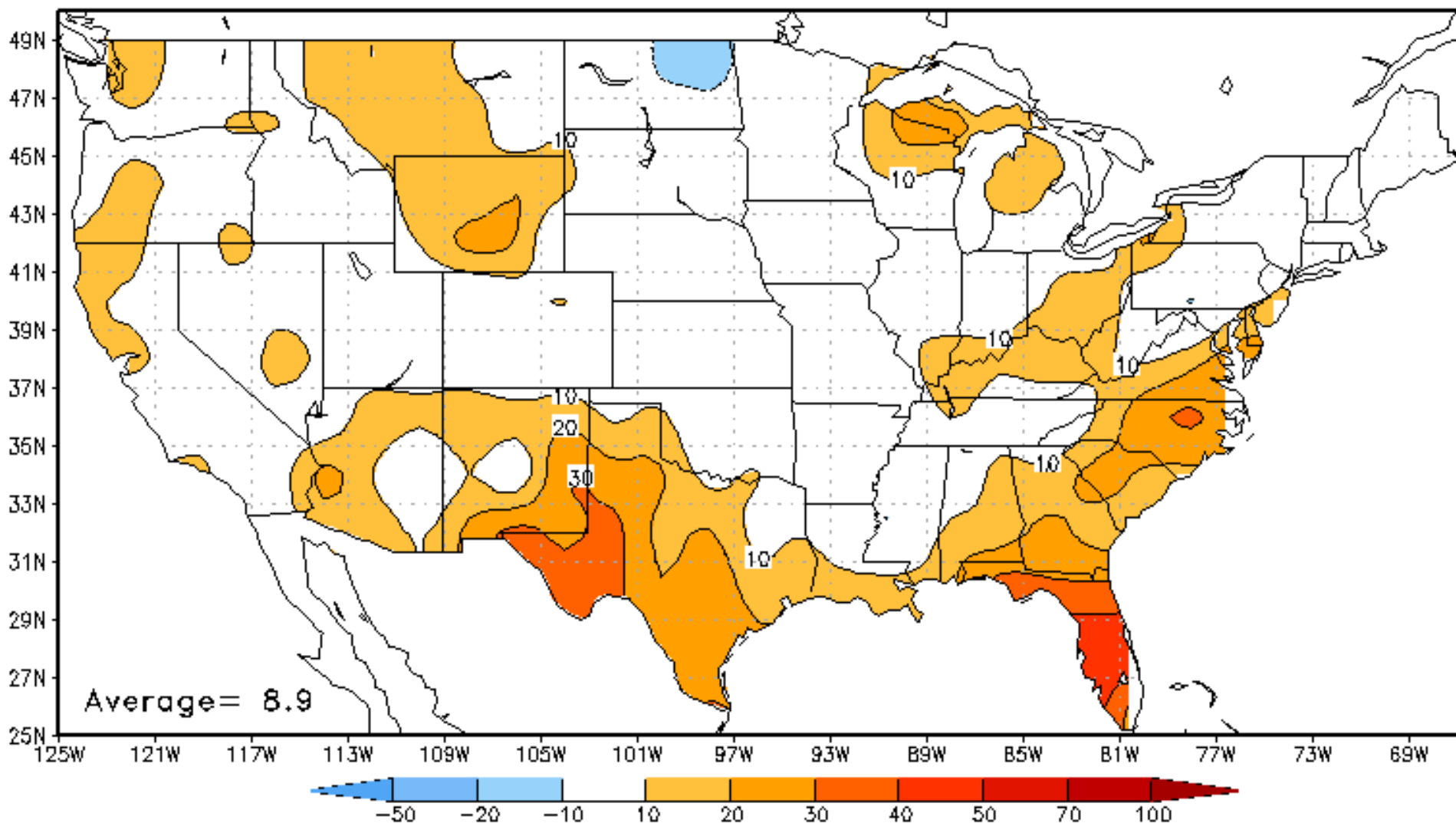
Ave. Temperature dep from Ave (deg F)
10/1/2025 – 9/27/2026



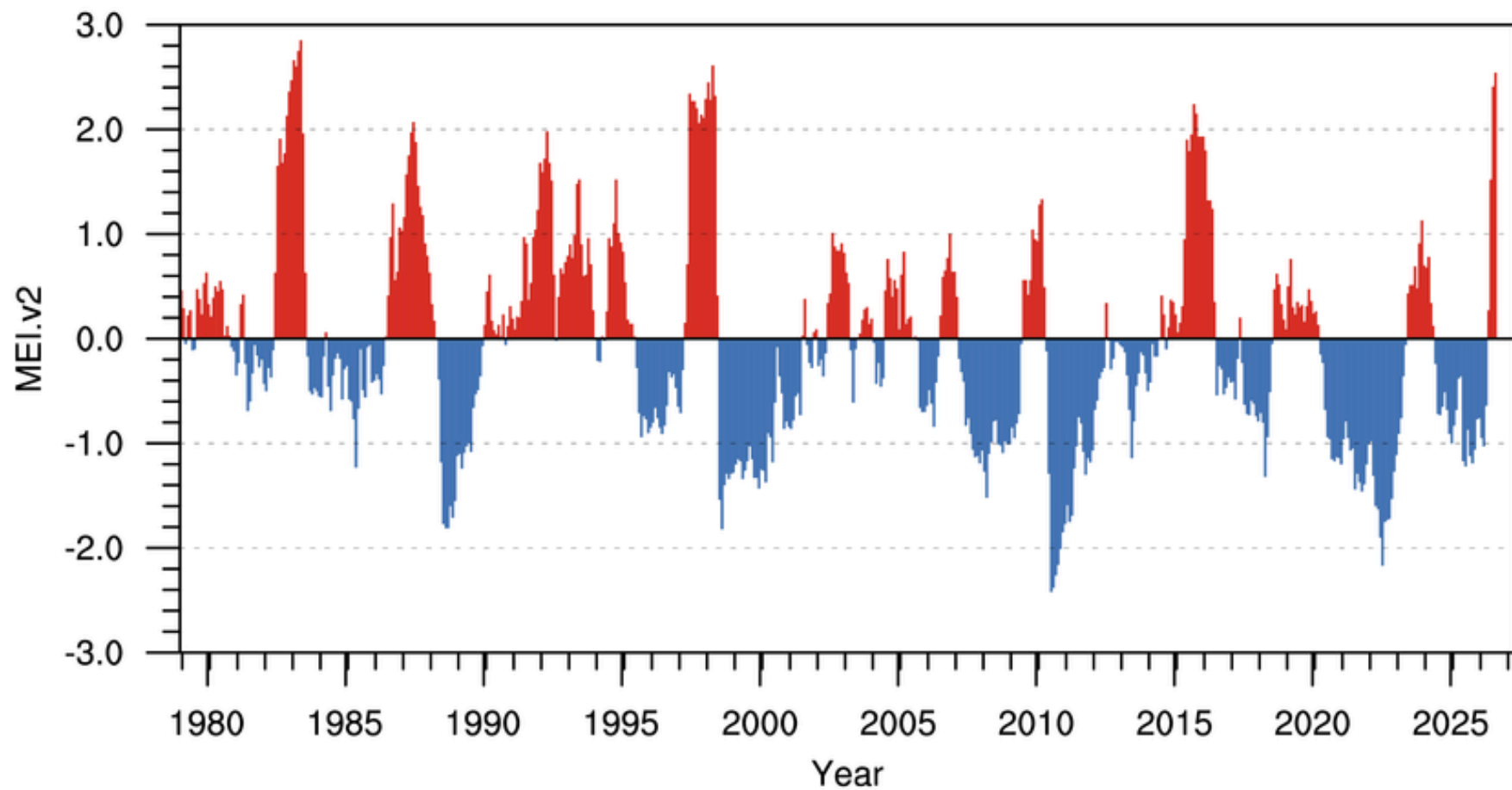
Generated 9/28/2026 at WRCC using provisional data.
NOAA Regional Climate Centers



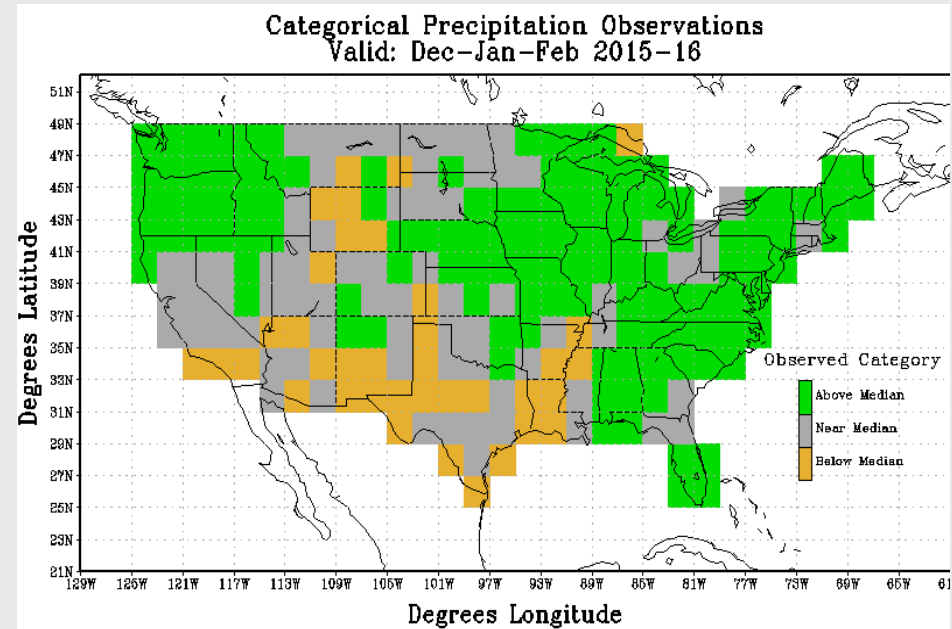
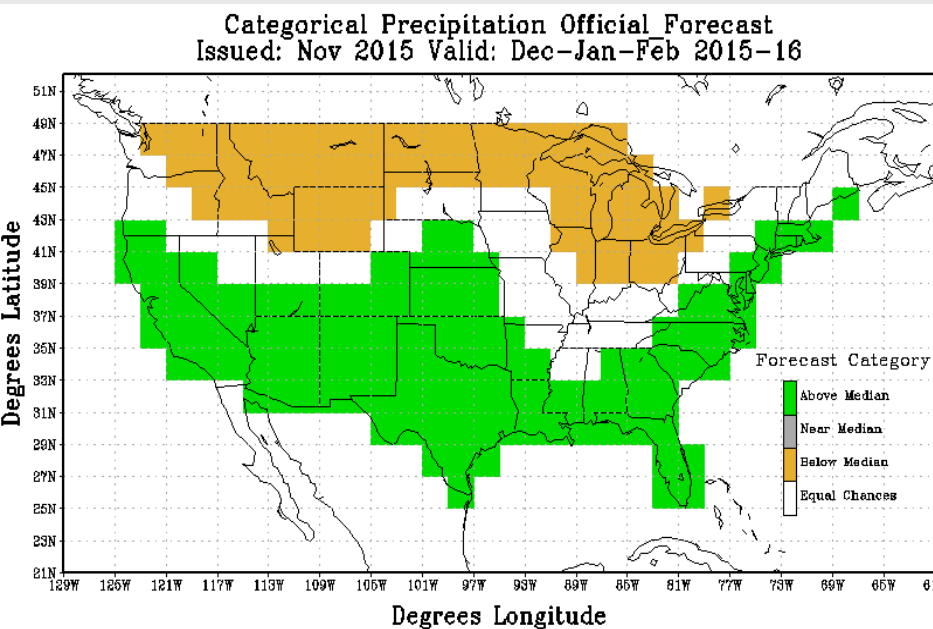
Seasonal (Lead 0.5 Months) Precipitation Heidke Skill Score DJF Manual Forecasts From 1995 to 2024



Multivariate ENSO Index Version 2 using JRA3Q



Big Misses in Important Water Years: WY 2016 (Year 5 of a California drought, Godzilla El Niño year)

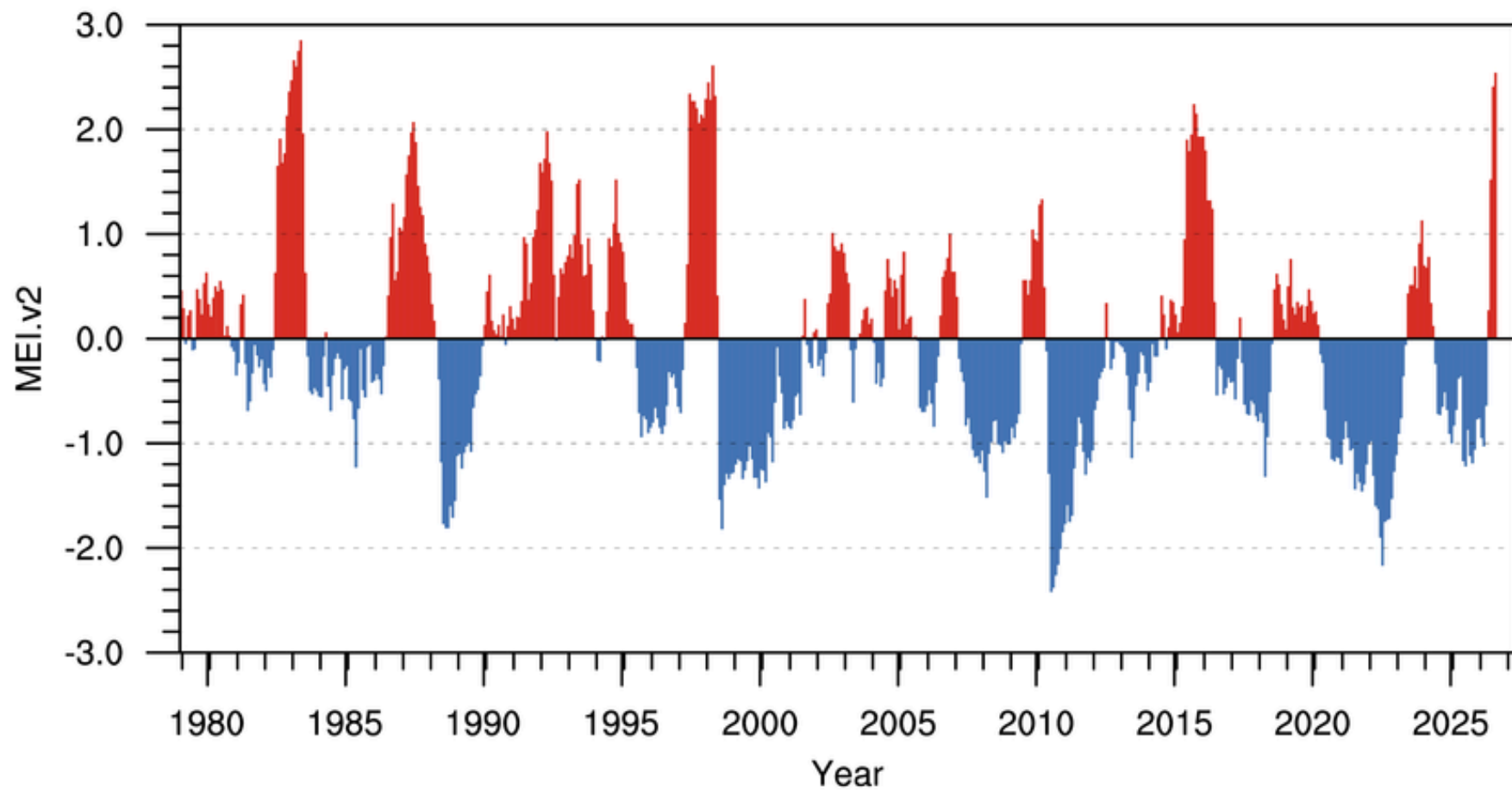


ENSO alone isn't the answer!

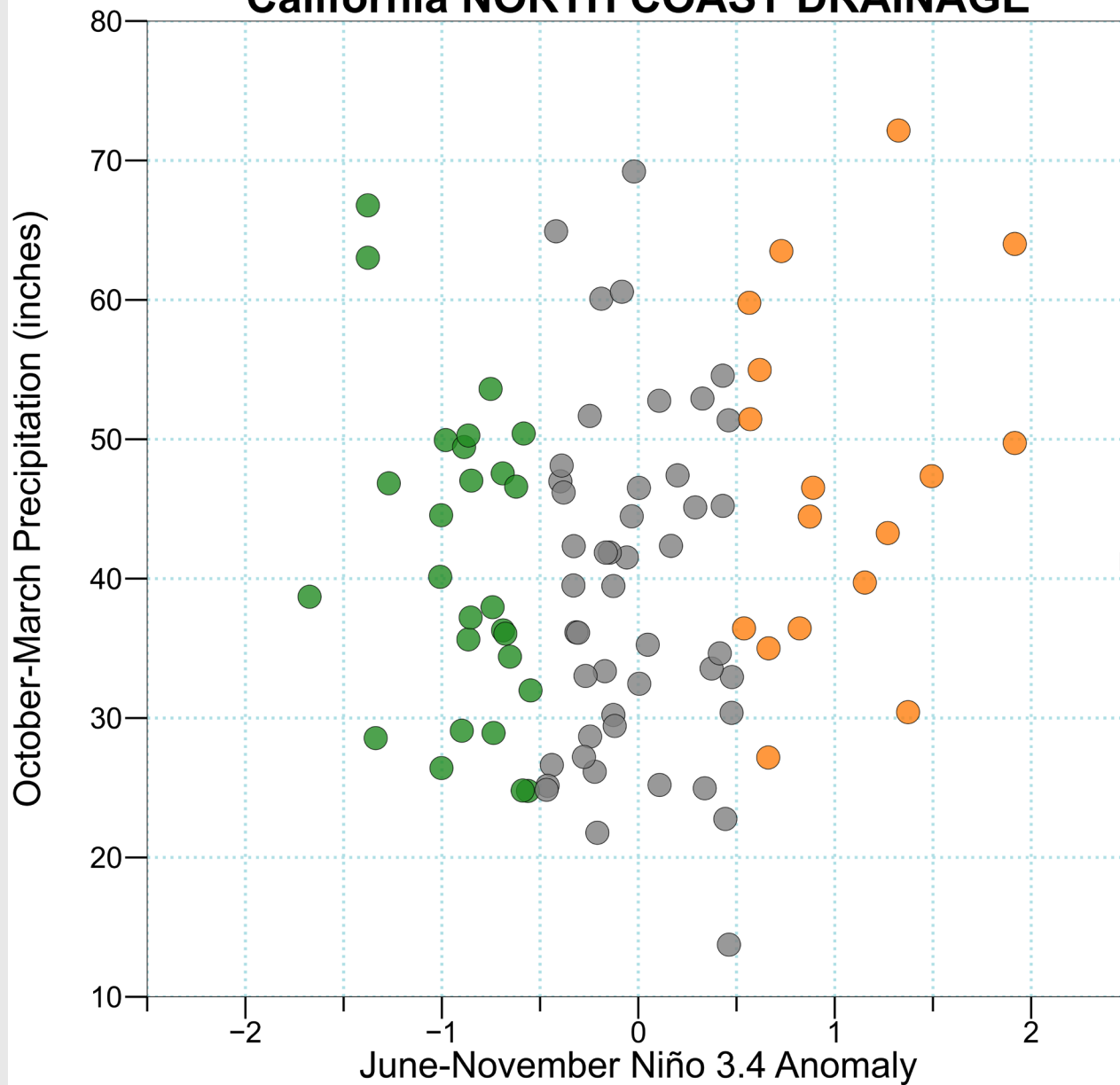
<https://doi.org/10.1175/JCLI-D-21-0775.1>

<https://doi.org/10.1175/BAMS-D-21-0252.1>

Multivariate ENSO Index Version 2 using JRA3Q



California NORTH COAST DRAINAGE



Years:
1933/1934 - 2023/2024

$r^2 = 0.01$
Correlation = 0.12

- Mean El Niño = 47.19
- Mean All = 41.21
- Mean La Niña = 40.99
- Mean Neutral = 39.17



WESTERN
REGIONAL
CLIMATE CENTER

What **Can** We Say About El Niño?

- Warmer ocean
- Higher sea levels
- Coastal flooding risk during winter storms
- Ecological impacts
- King tides (Bodega Harbor):
 - Nov 24-26
 - Dec 22-25
 - Jan 20-22

Impacts of Higher Sea Levels

Observed in SoCal now

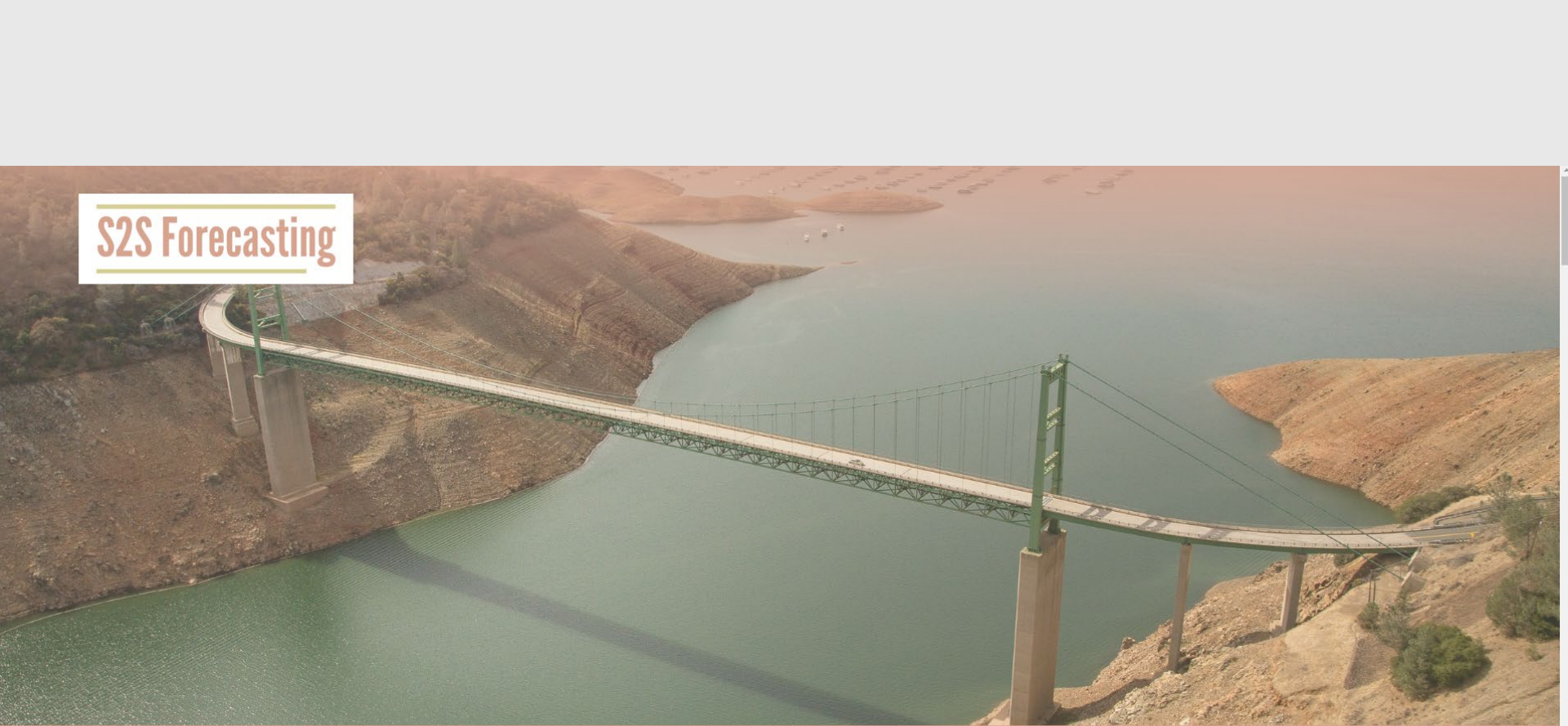
- *The whole beach is gone: Big waves bring destruction to SoCal coast. It's a warning.*

LA Times, 9/10/26

Last winter's king tides

- *Record-breaking king tides created massive flooding in Marin County Friday morning.*

ABC7 News 1/2/26

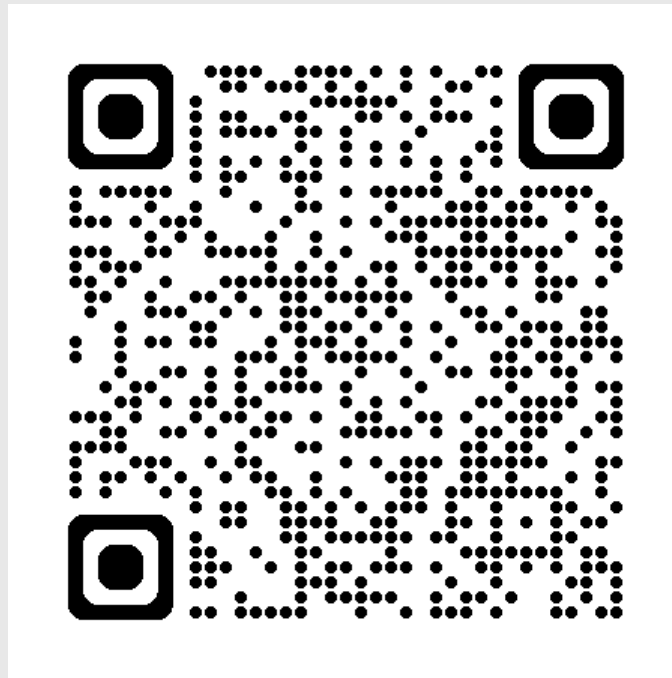
An aerial photograph of a large suspension bridge with green steel towers and cables, spanning a wide river. The bridge has concrete piers at each end. The surrounding landscape is arid and hilly. In the top left corner, there is a white rectangular box with a green border containing the text 'S2S Forecasting'.

S2S Forecasting

Improving Subseasonal to Seasonal Precipitation
Forecasting For Water Management

S2Sforecasting.org

S2S Forecasting Coalition



www.s2sforecasting.org