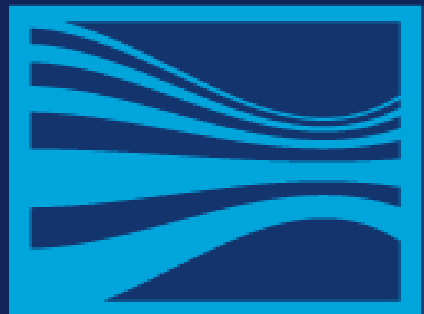




Sonoma Water

Clean. Reliable. Essential. Every Day.

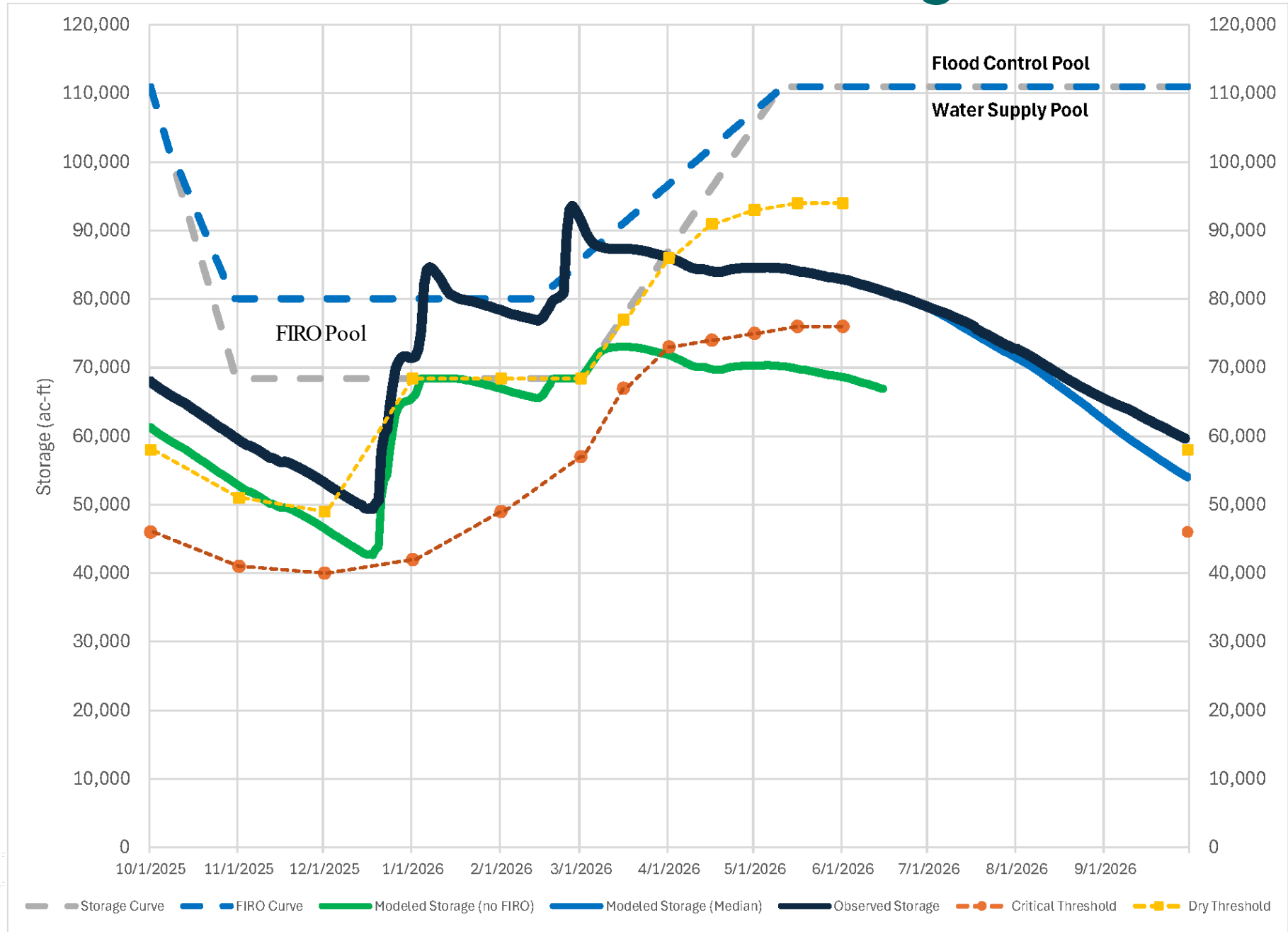
WATER YEAR UPDATE 2027

October 29, 2026

Don Seymour, P.E.
Deputy Director of Engineering

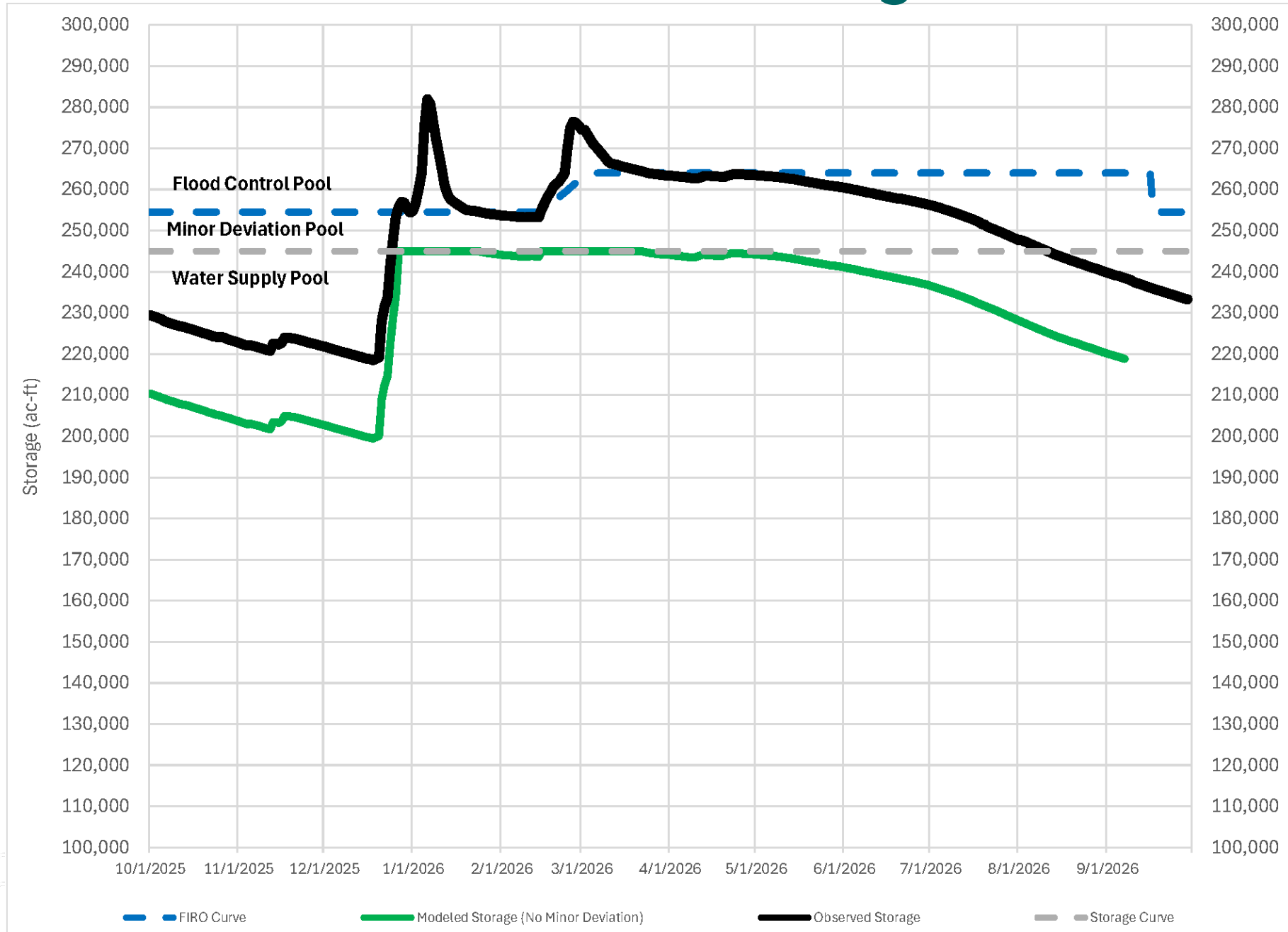


Lake Mendocino Storage



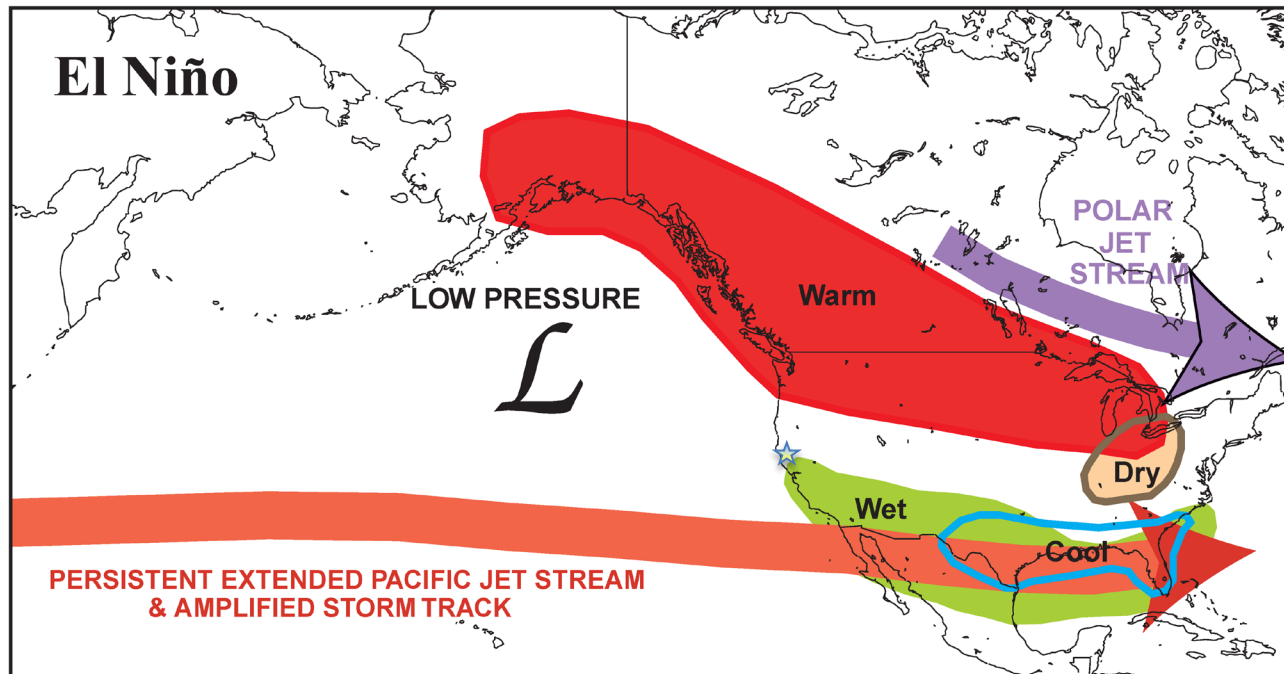
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Lake Sonoma Storage

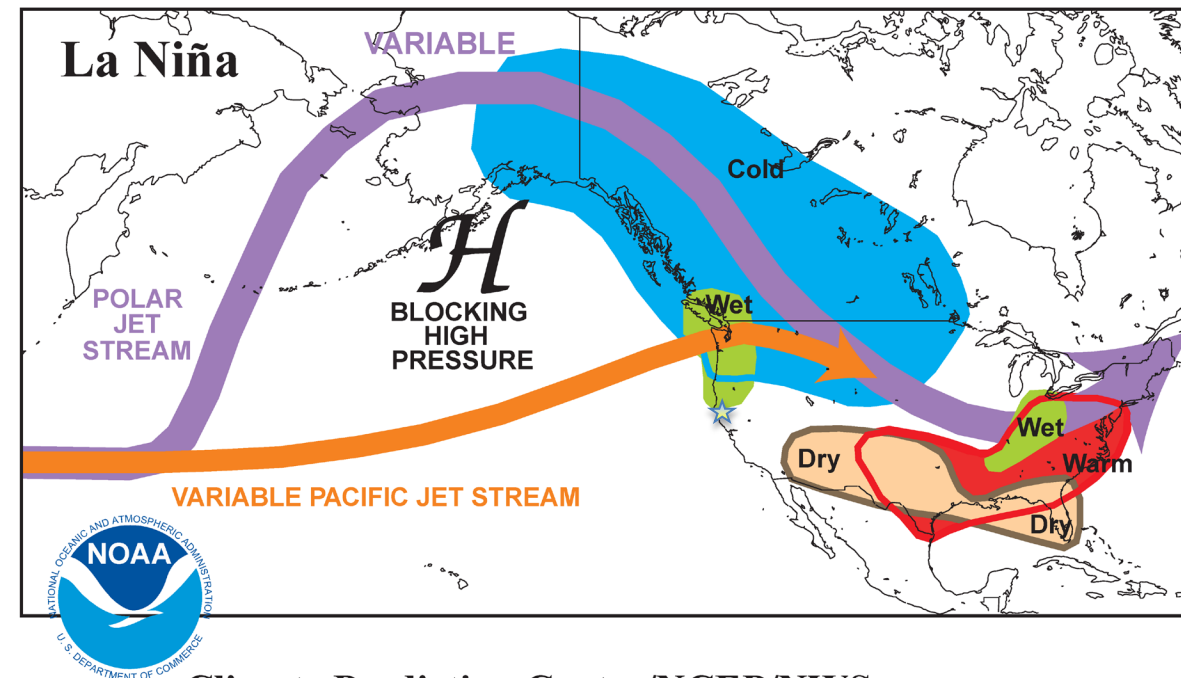


Sonoma
Water

The El Niño–Southern Oscillation and the Russian River Watershed



Typical January-March weather anomalies and atmospheric circulation during moderate to Strong El Niño & La Niña

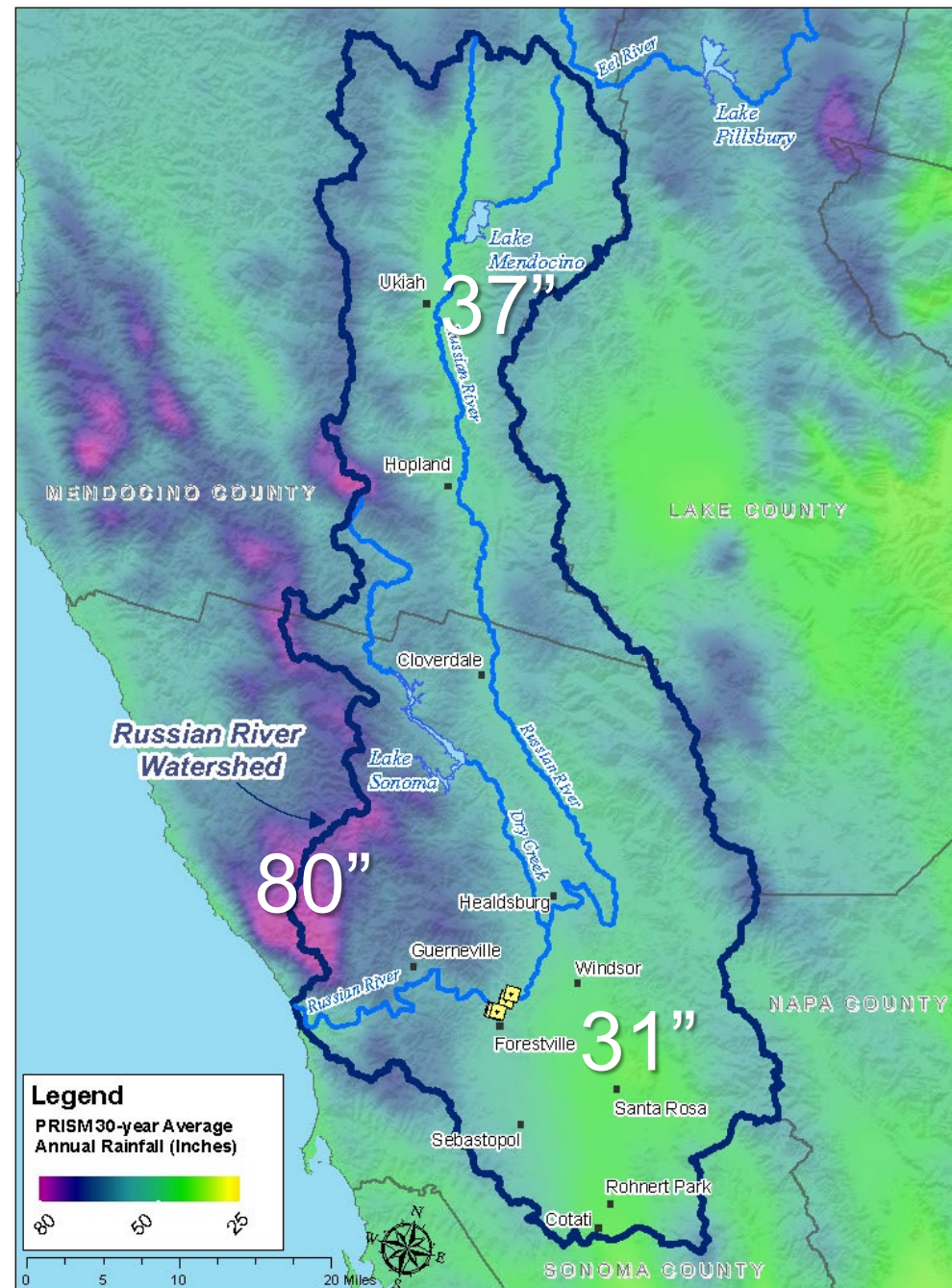


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Climate Prediction Center/NCEP/NWS

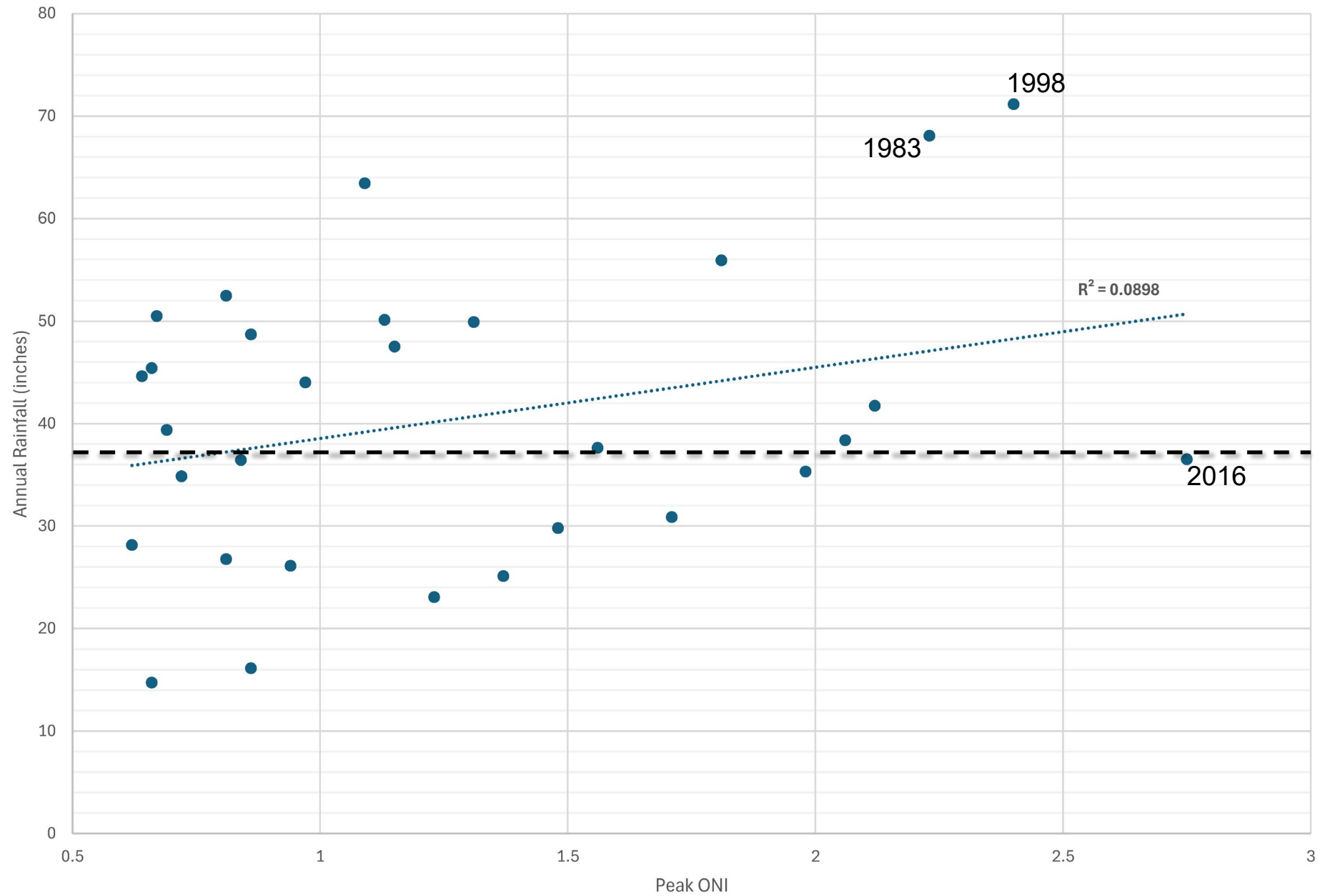
Rainfall Analysis

- Period of analysis: WY1951 -2026 (76 years)
- Upper Watershed
 - Ukiah Municipal Airport USW00023275
 - Average rainfall: 37.11"
- Lower Watershed
 - Santa Rosa USC00047965 (1951-1999)
 - Sonoma County Airport USW00023213 (2000 – 2026)
 - Average rainfall: 31.42"



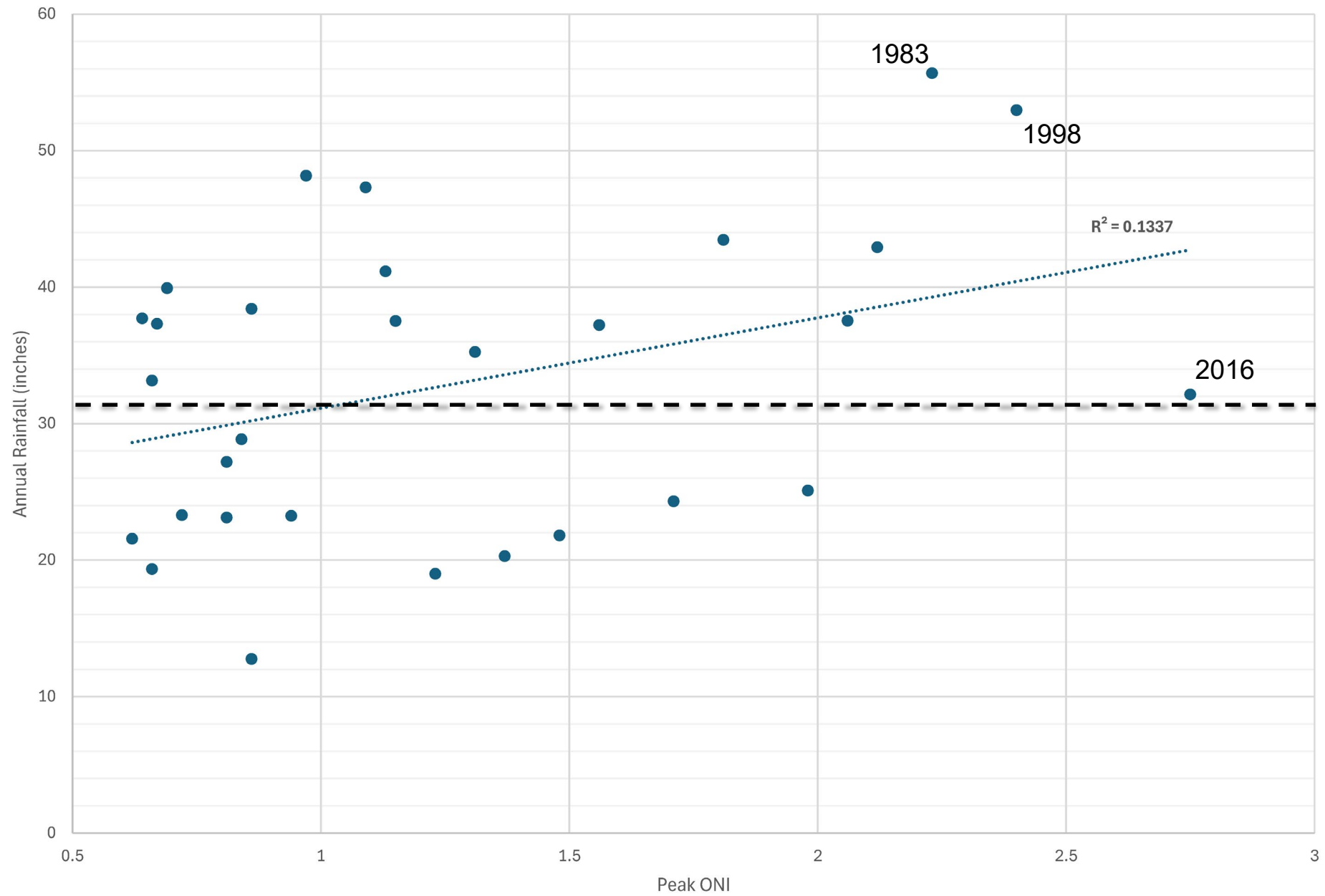
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Ukiah Rainfall + El Nino Events



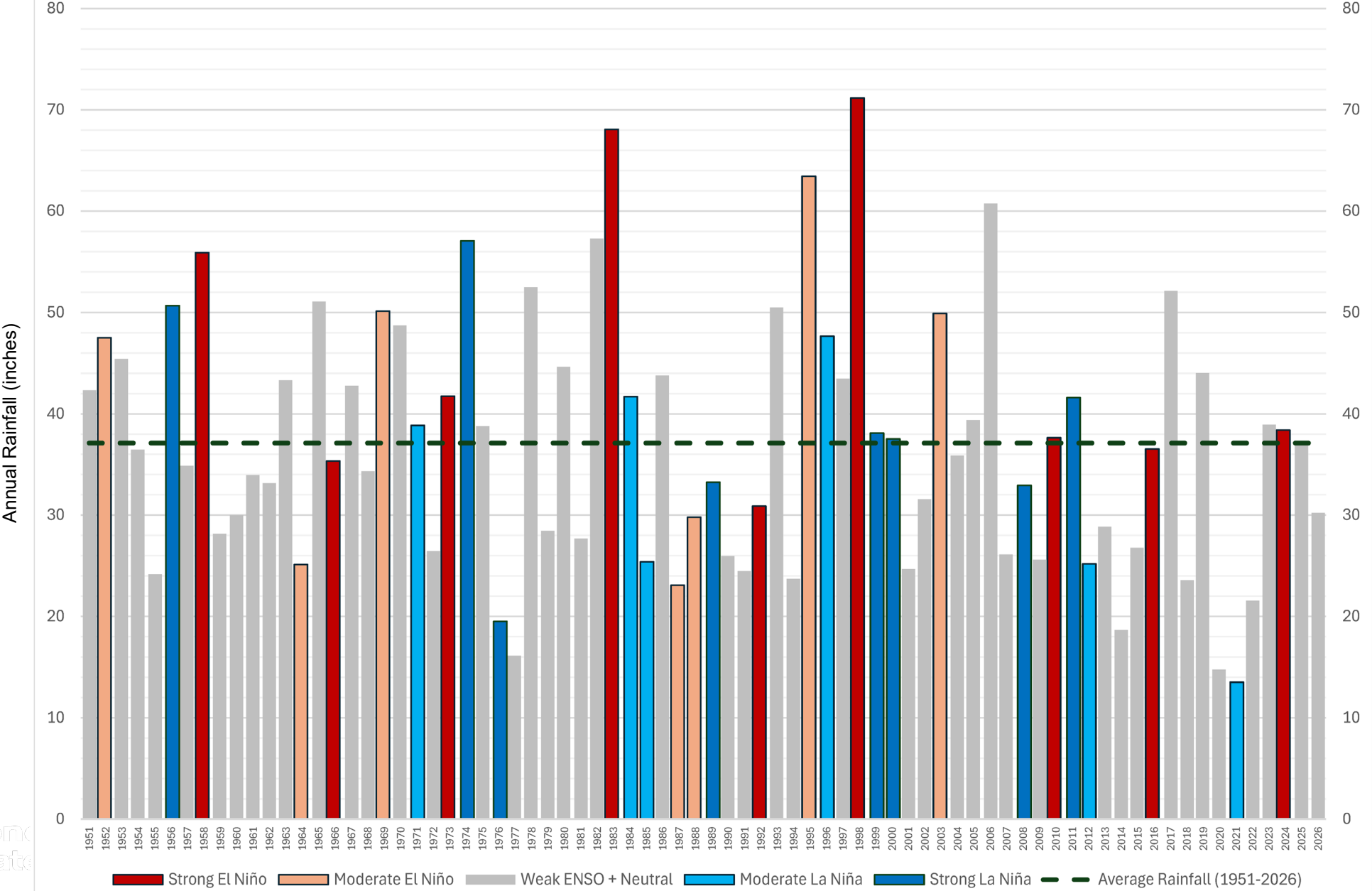
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Santa Rosa Rainfall + El Nino Events



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Water

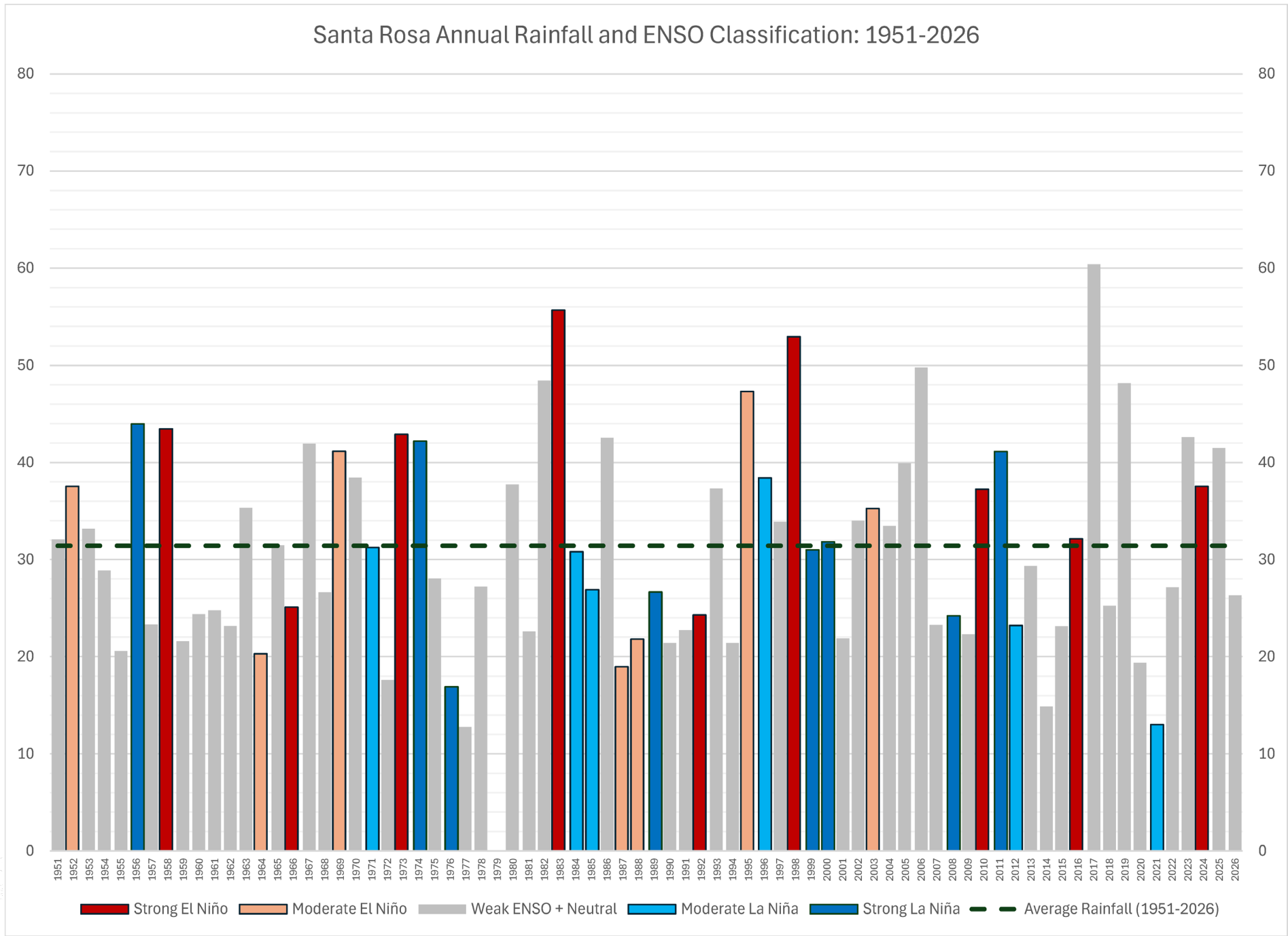
Ukiah Annual Rainfall and ENSO Classification: 1951-2026



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Santa Rosa Strong El Nino Comparison

