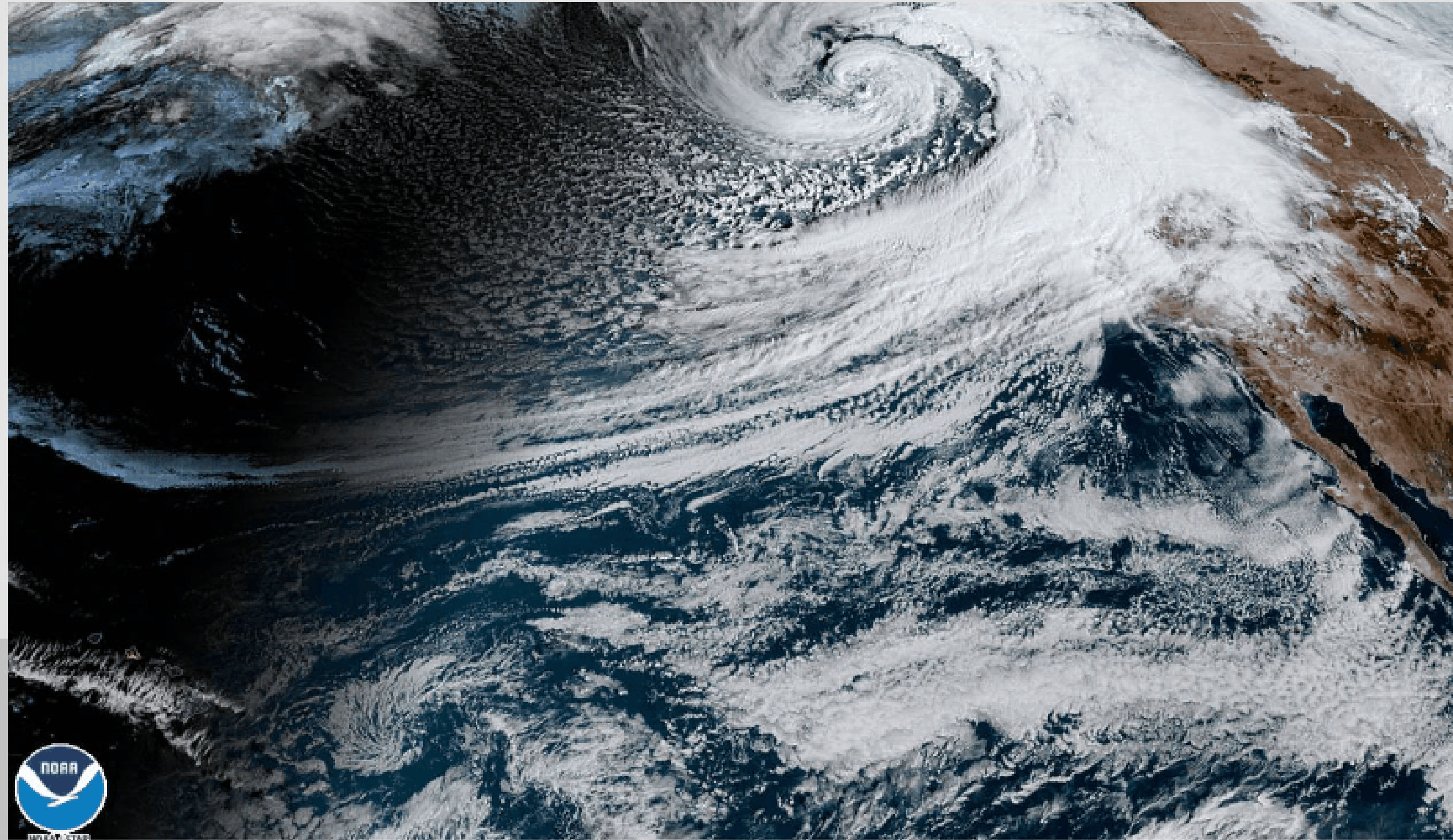
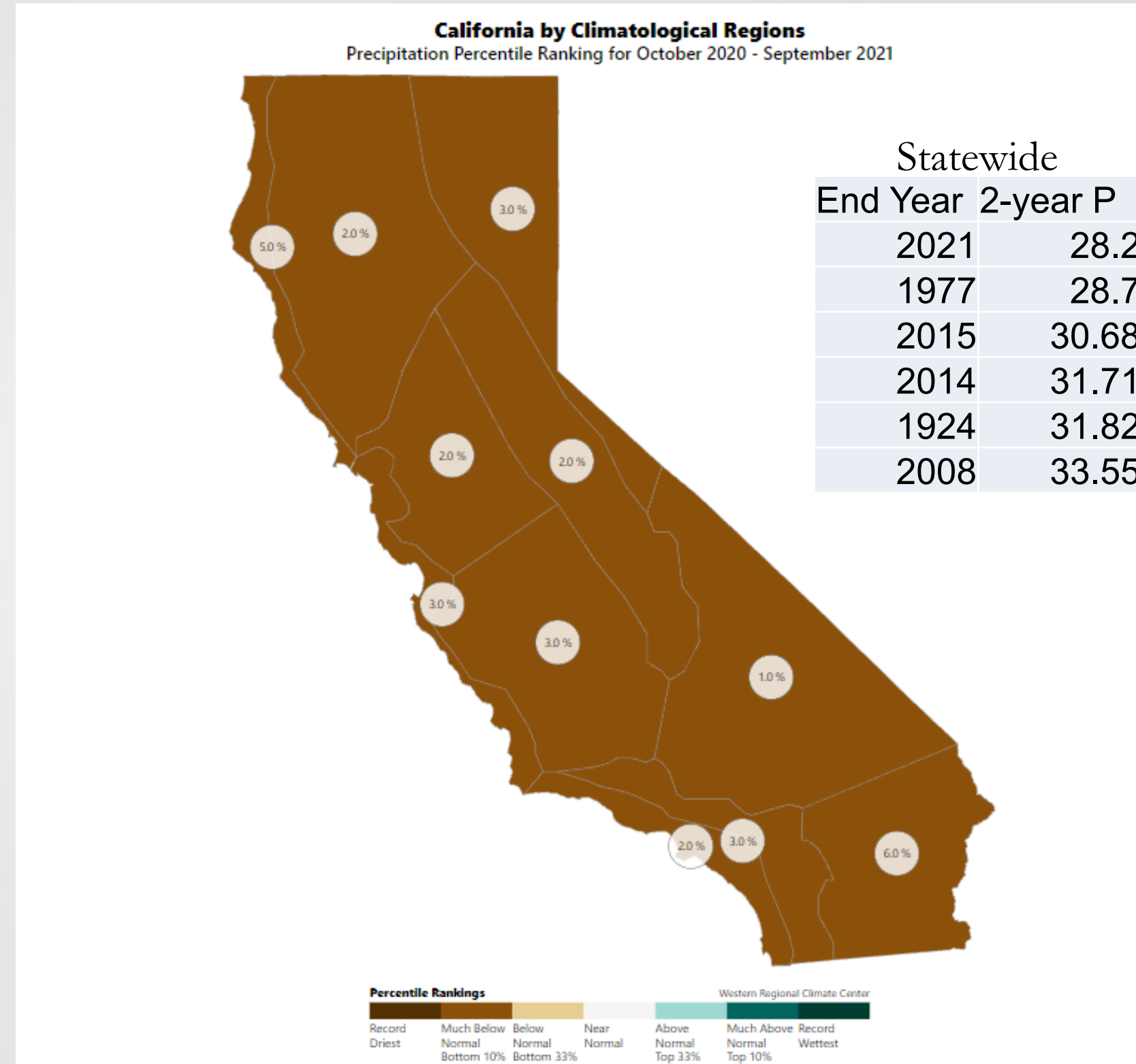
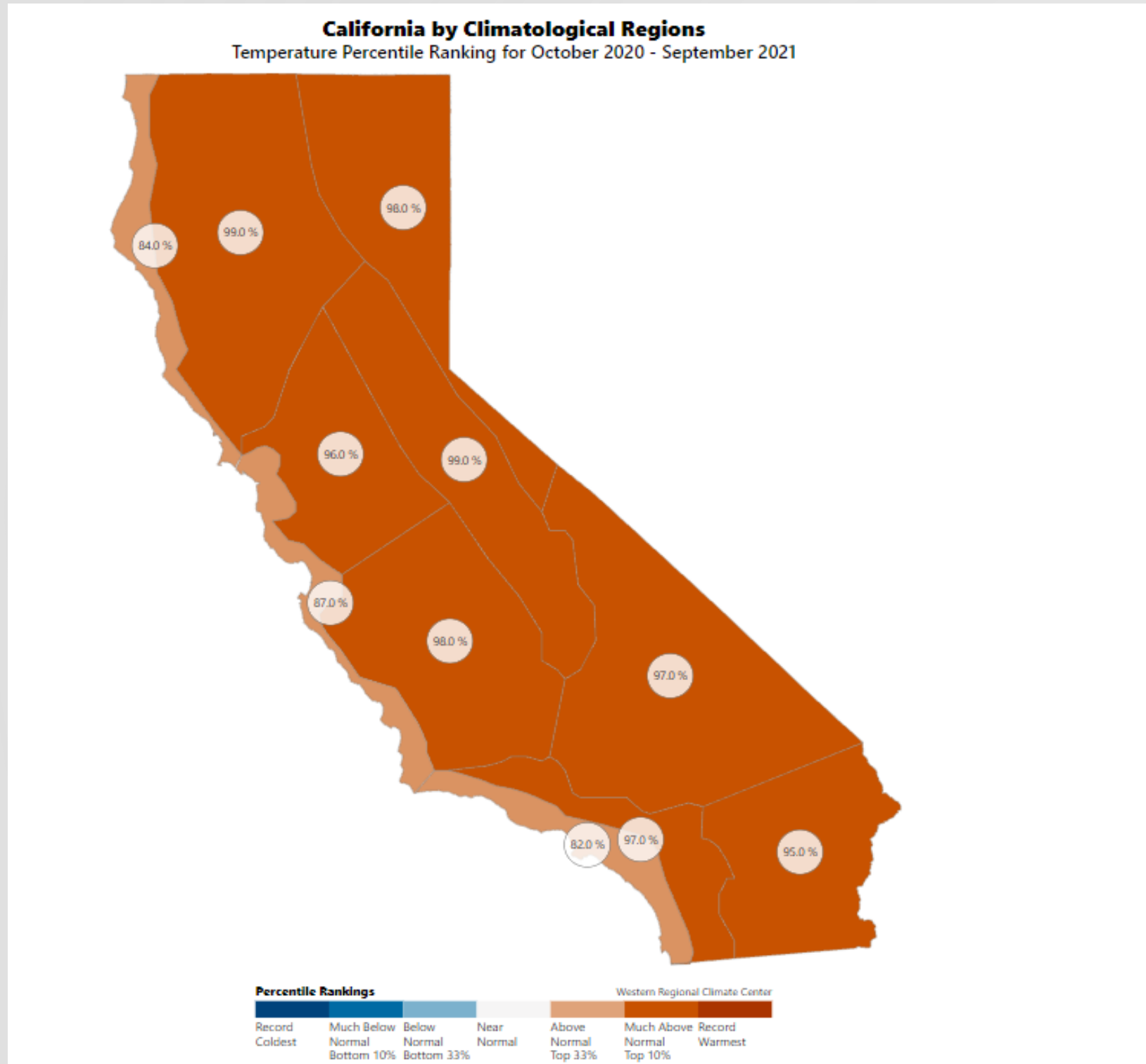


Water Conditions Update



Michael Anderson, PhD, P.E.
State Climatologist
California Department
of Water Resources

CA Temperature and Precipitation

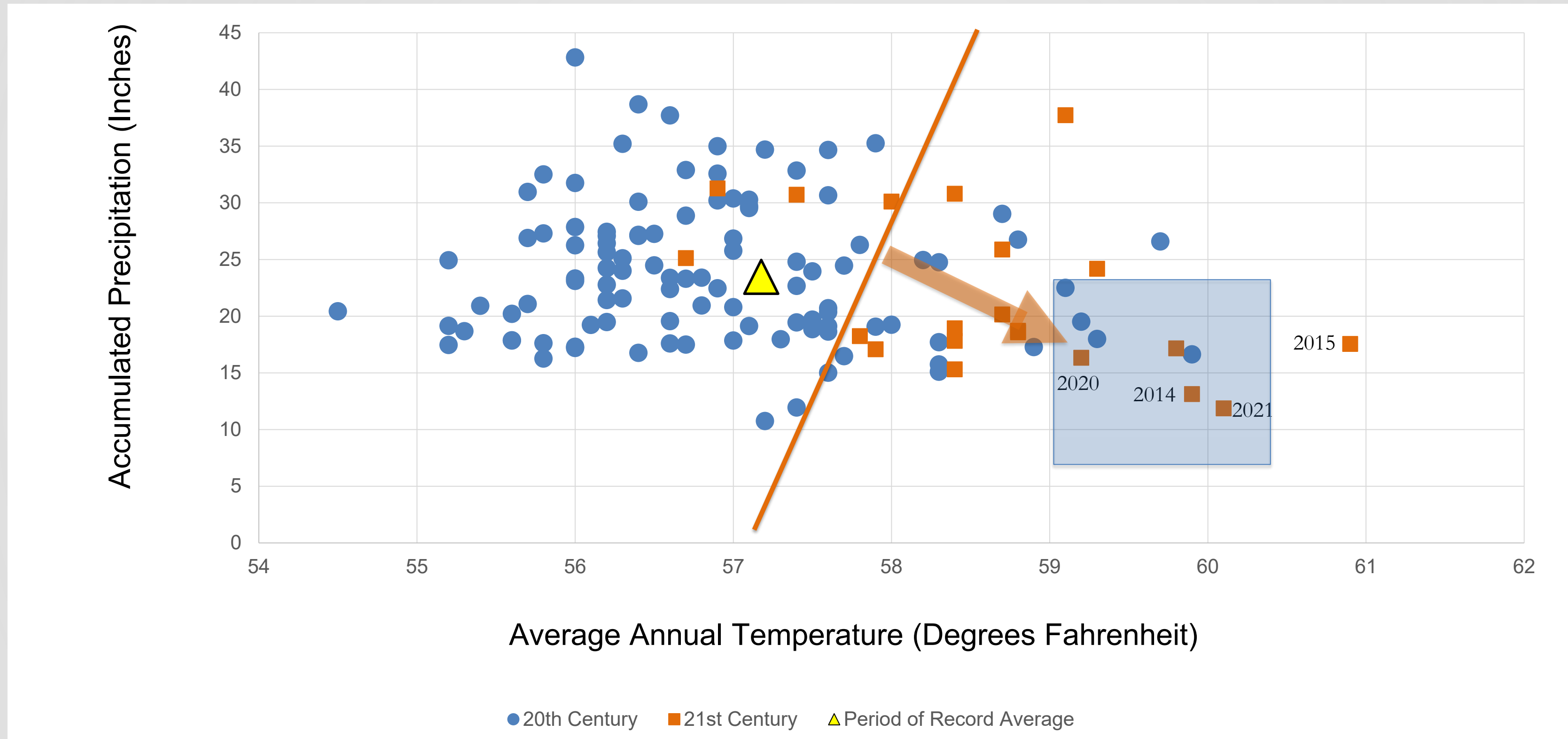


Statewide

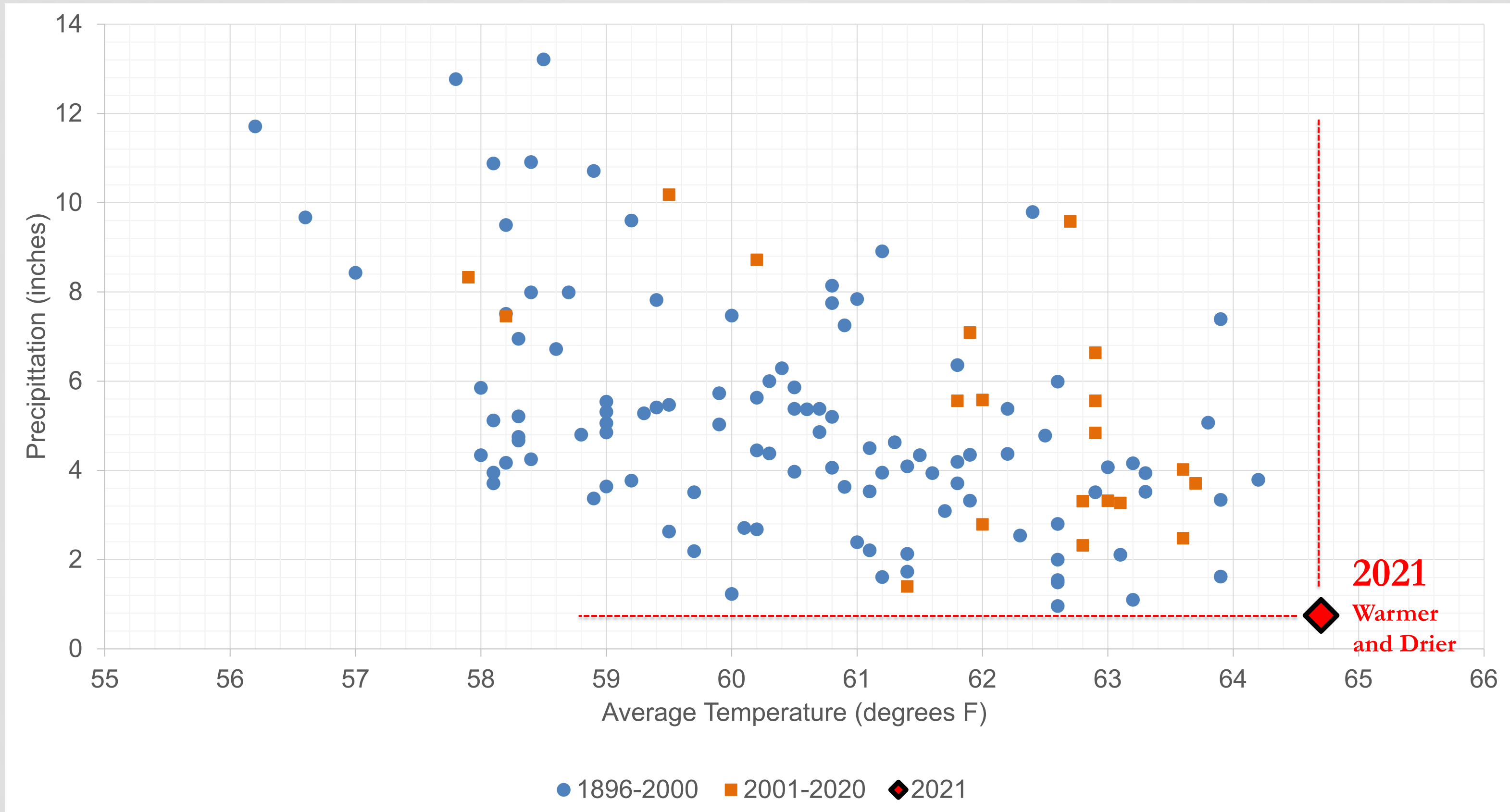
End Year	2-year P
2021	28.2
1977	28.7
2015	30.68
2014	31.71
1924	31.82
2008	33.55



Statewide Temperature and Precipitation



April-June Precipitation and Temperature for Sacramento Basin

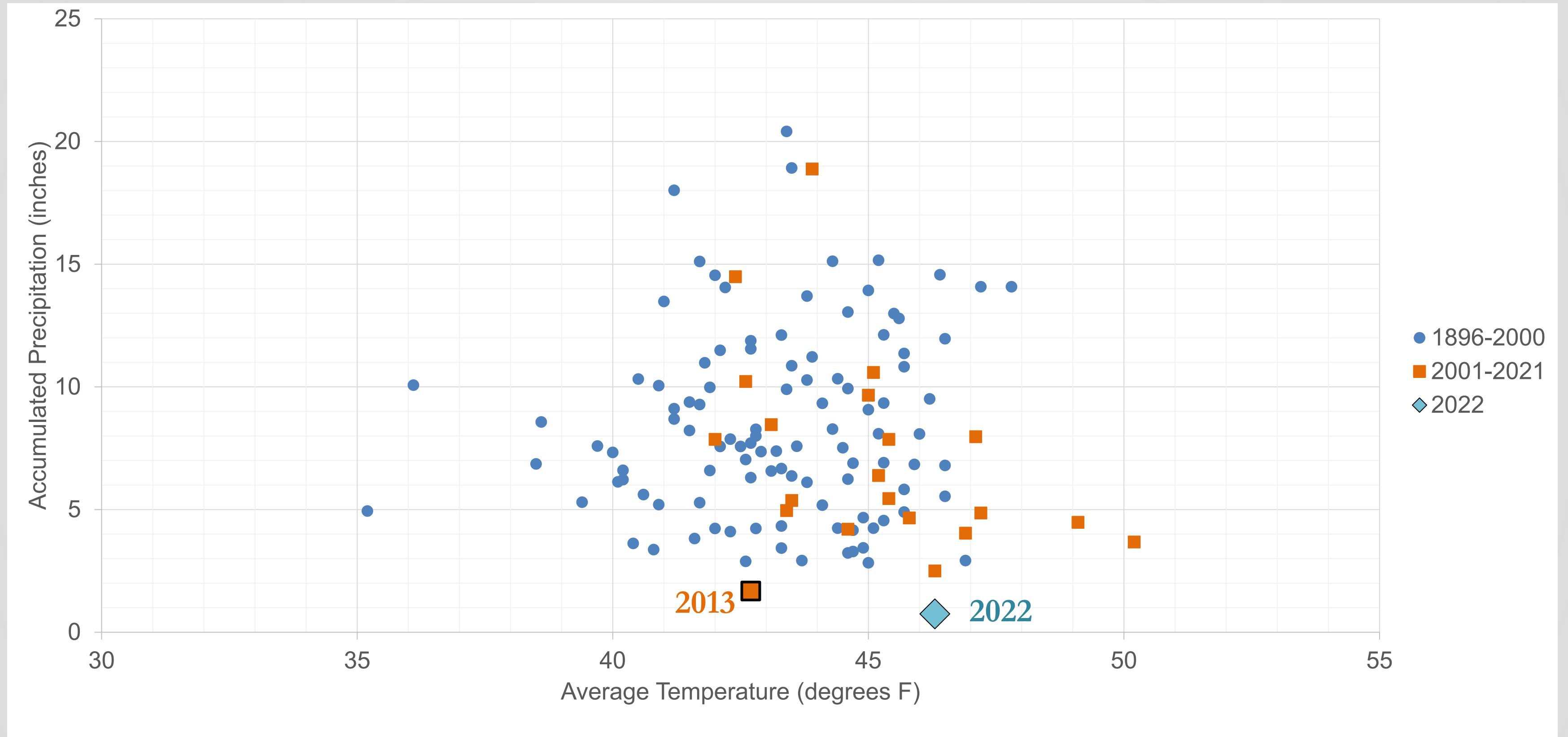


Water Year 2021 Notes

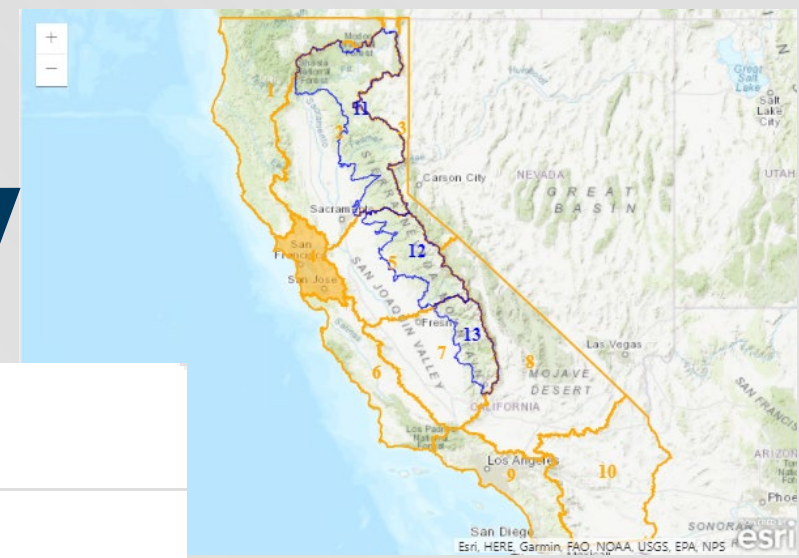
- Second driest year behind water year 1924 for Statewide Precipitation Total
- Second warmest year behind 2015 for Statewide Annual Mean Temperature
- Warmest/Driest Spring (Apr-June) in Sacramento Basin in observed record
- WY2020/2021 is driest 2-year period in observed record back to WY1896



Statewide Precipitation and Temperature for Jan/Feb



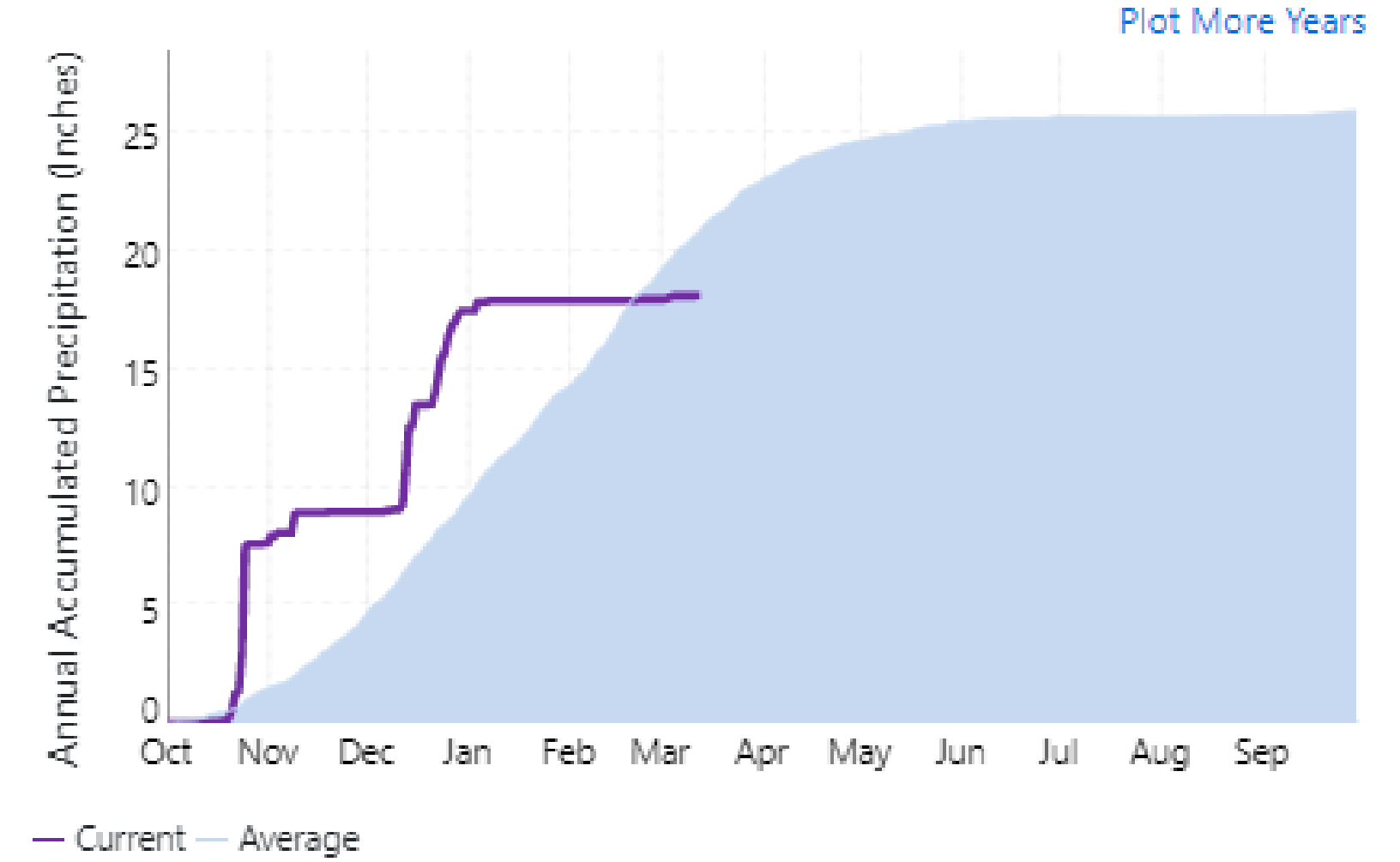
California Water Watch – San Francisco Bay



Annual Precipitation Accumulation (period of record: 1981-current)

San Francisco Bay as of 03/13/2022

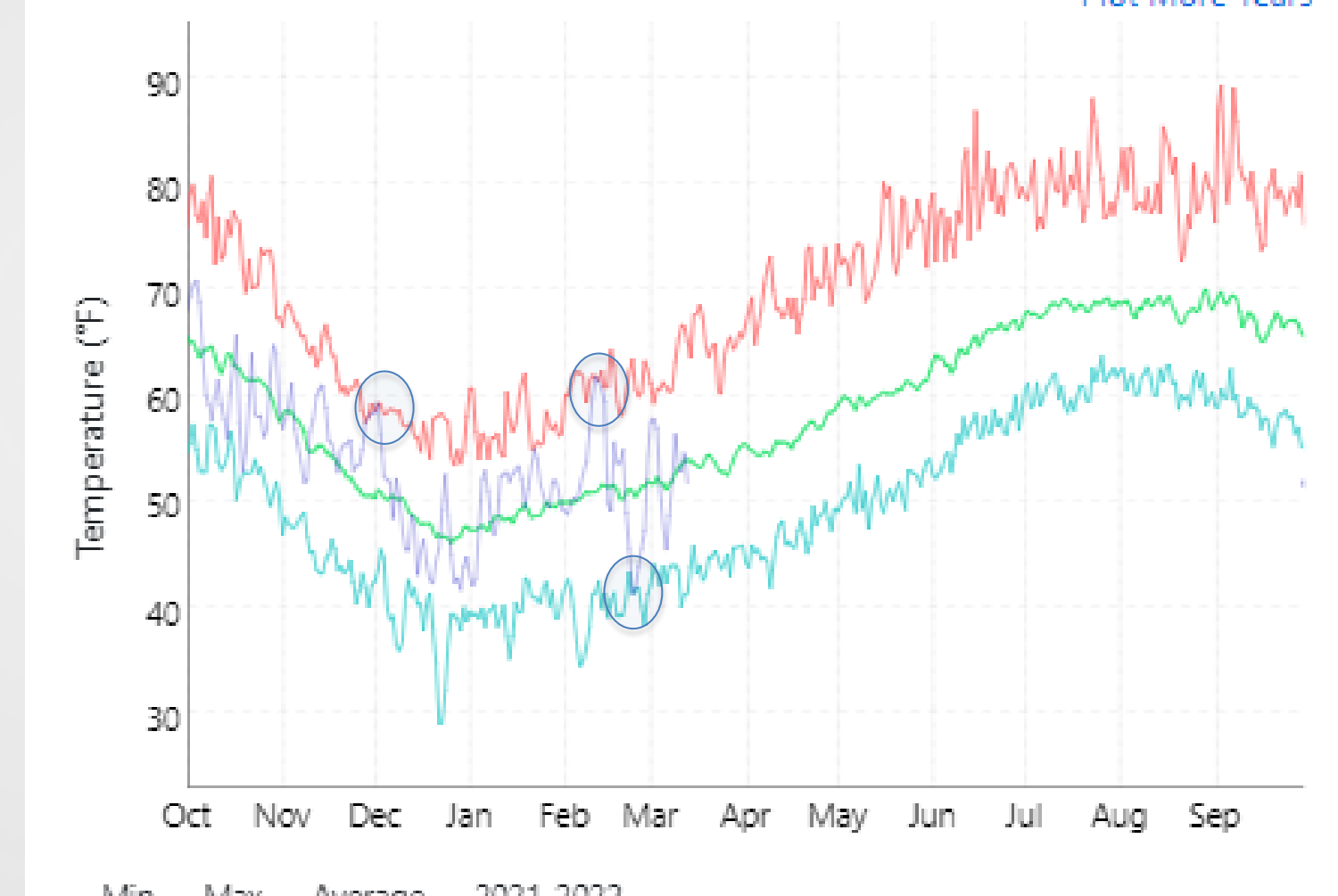
[Download Image](#) [Plot More Years](#)



Mean Temperature (period of record: 1981-current)

San Francisco Bay as of 03/13/2022

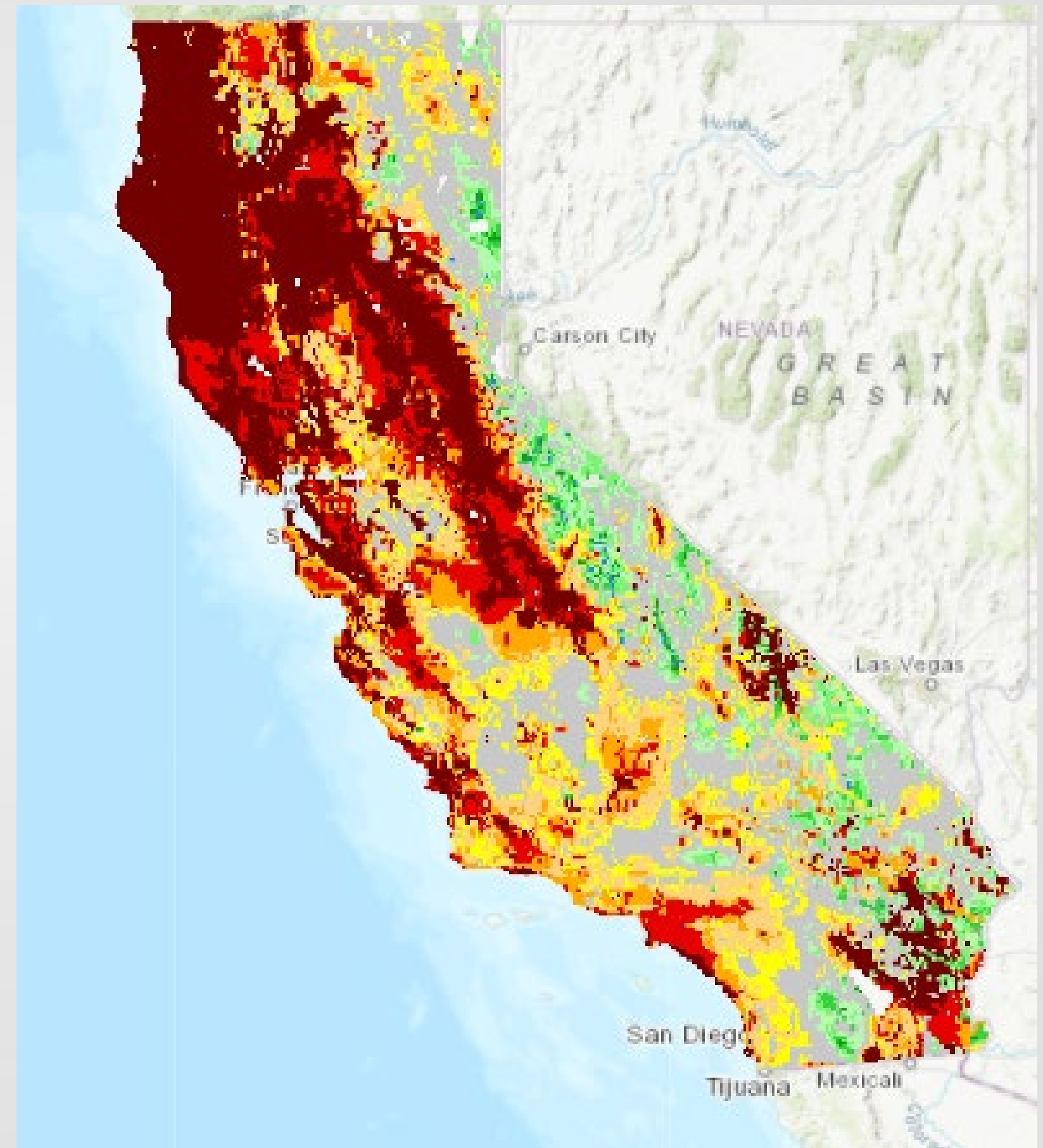
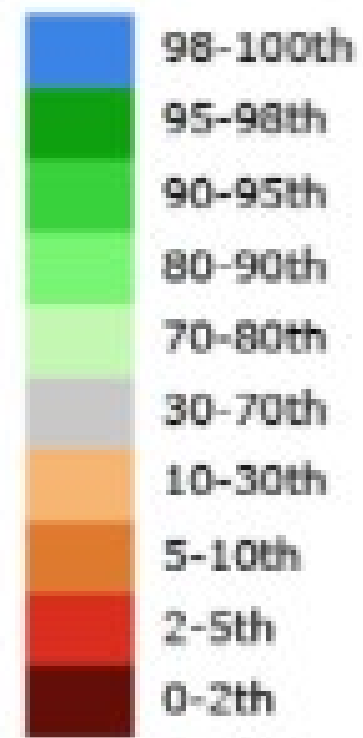
[Download Image](#) [Plot More Years](#)



California Water Watch – Soil Moisture

3/10/22

Soil Moisture Percentile



WY 2022 Notable Statistics

- Statewide precipitation 2nd driest January and second driest February
- January/February 2022 recorded less than half of the previous record dry January/February which was 2013 (0.75 inches versus 1.64) Average is 8.16 or about 1/3 of the water year average of 24 inches.
- Statewide precipitation needs to accumulate 8.4 inches more to avoid record 3-year dryness beating out 2013/2014/2015 (average Mar-Sep precipitation is 7.4 inches)
- 2013-2022 on pace to be second driest decade (1923-1932 drier) on record

