



Current Conditions and Seasonal Outlook

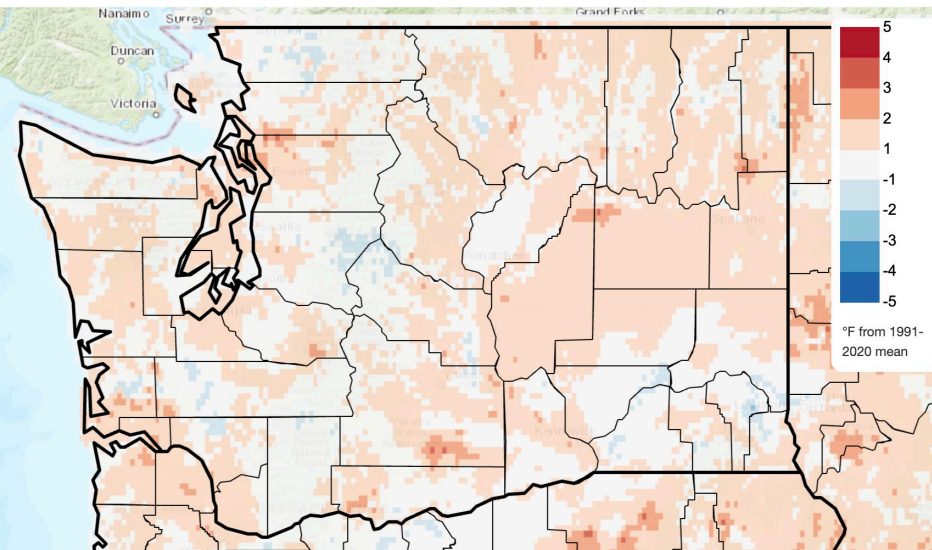
Karin Bumbaco
Washington State Climate Office
Climate Impacts Group
University of Washington
May 8, 2025

Water Year 2025

Temperature

Mean Daily Temperature Anomaly, Since Oct 1st

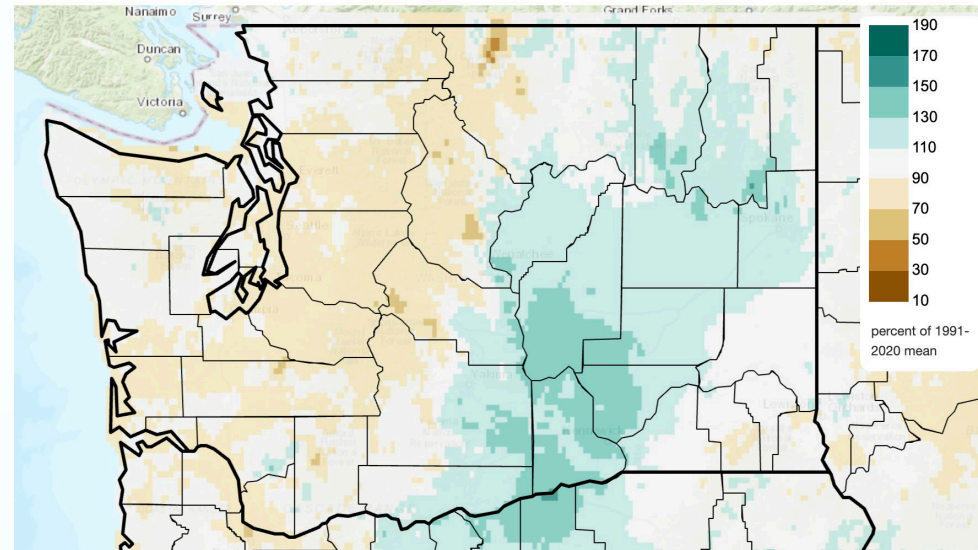
2024/10/01 - 2025/05/05



Precipitation

Total Precipitation Anomaly, Since Oct 1st

2024/10/01 - 2025/05/05



[Climate Toolbox](#)

- Averaged statewide, Oct-Apr temperatures were above normal ($+0.8^{\circ}\text{F}$), ranking as the 21st warmest on record*
- Averaged statewide, Oct-Apr precipitation was near-normal (93% of normal)

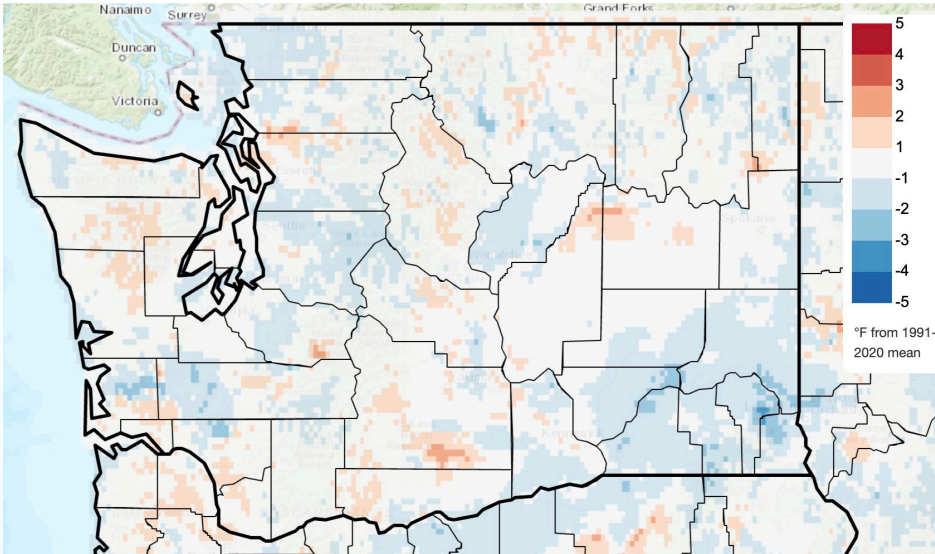
*Normal is 1991-2020

Since January 1

Temperature

Mean Daily Temperature Anomaly, Since Jan 1st

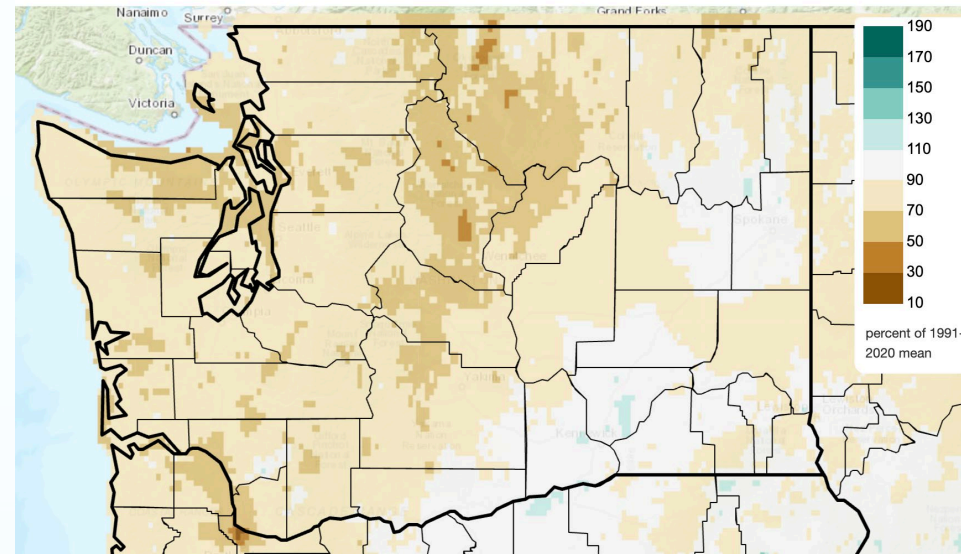
2025/01/01 - 2025/05/05



Precipitation

Total Precipitation Anomaly, Since Jan 1st

2025/01/01 - 2025/05/05



[Climate Toolbox](#)

- Averaged statewide, Jan-Apr temperatures were near-normal (-0.3°F)*
- Averaged statewide, Jan-Apr precipitation was below normal (78% of normal)

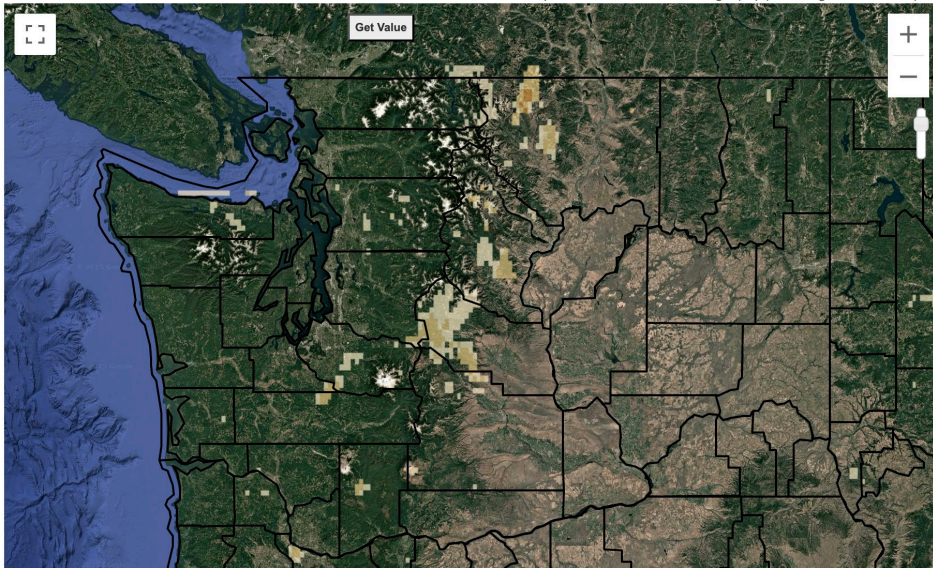
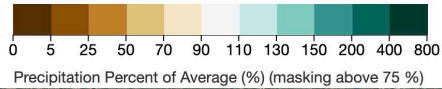
*Normal is 1991-2020

Total Precipitation <75% of Normal

Since October 1, 2024

Precipitation Percent Of Average
(gridMET)

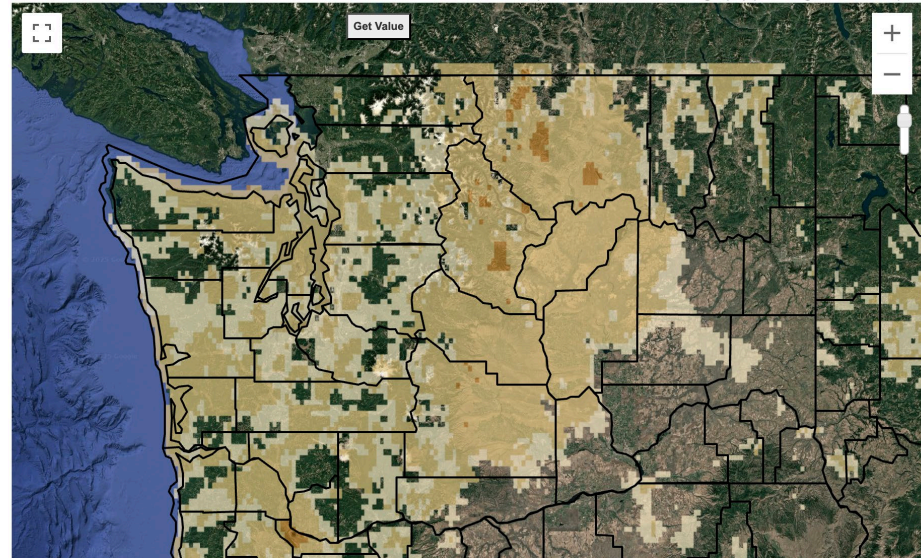
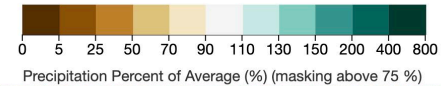
2024-10-01 to 2025-05-04, Total, vs. 1991 - 2020



Since January 1, 2025

Precipitation Percent Of Average
(gridMET)

2025-01-01 to 2025-05-04, Total, vs. 1991 - 2020

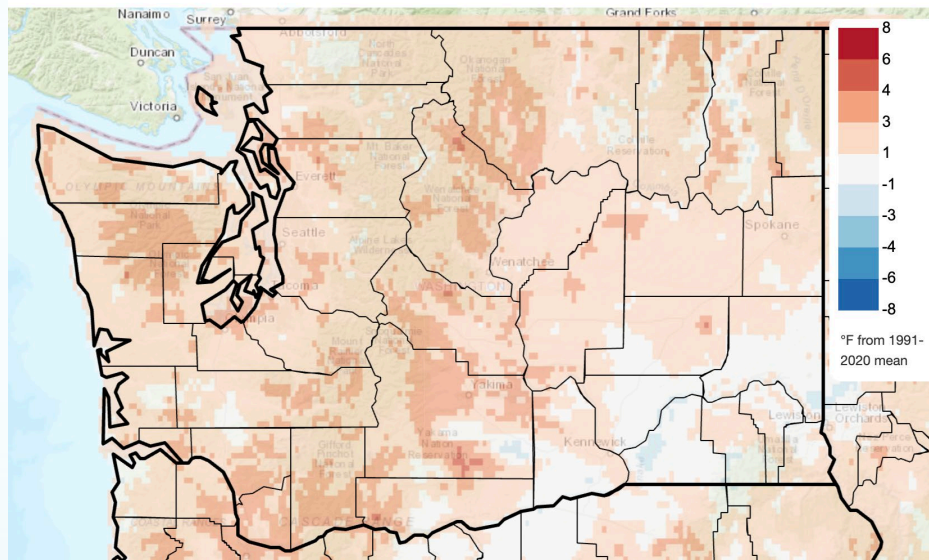


April 2025

Temperature

Mean Daily Temperature Anomaly, Last Full Month

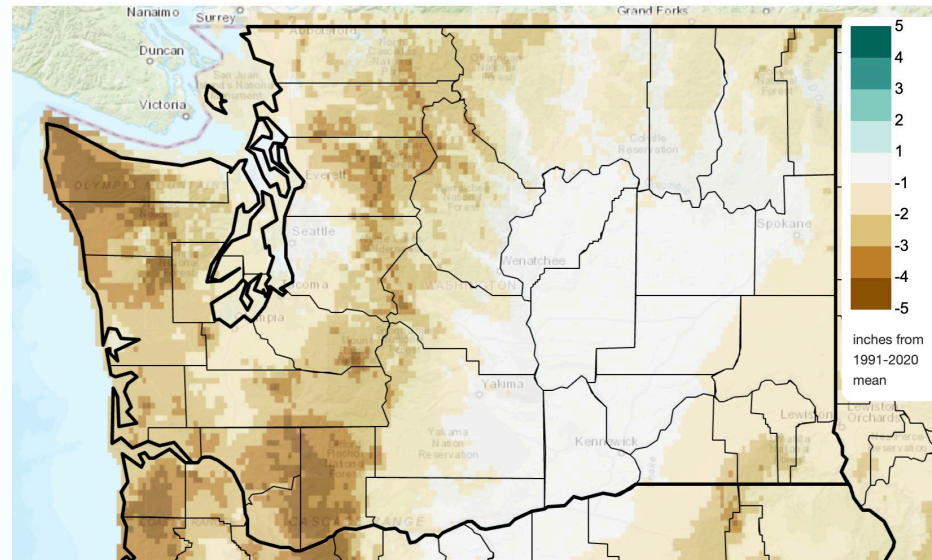
2025/04/01 - 2025/04/30



Precipitation

Total Precipitation Anomaly, Last Full Month

2025/04/01 - 2025/04/30



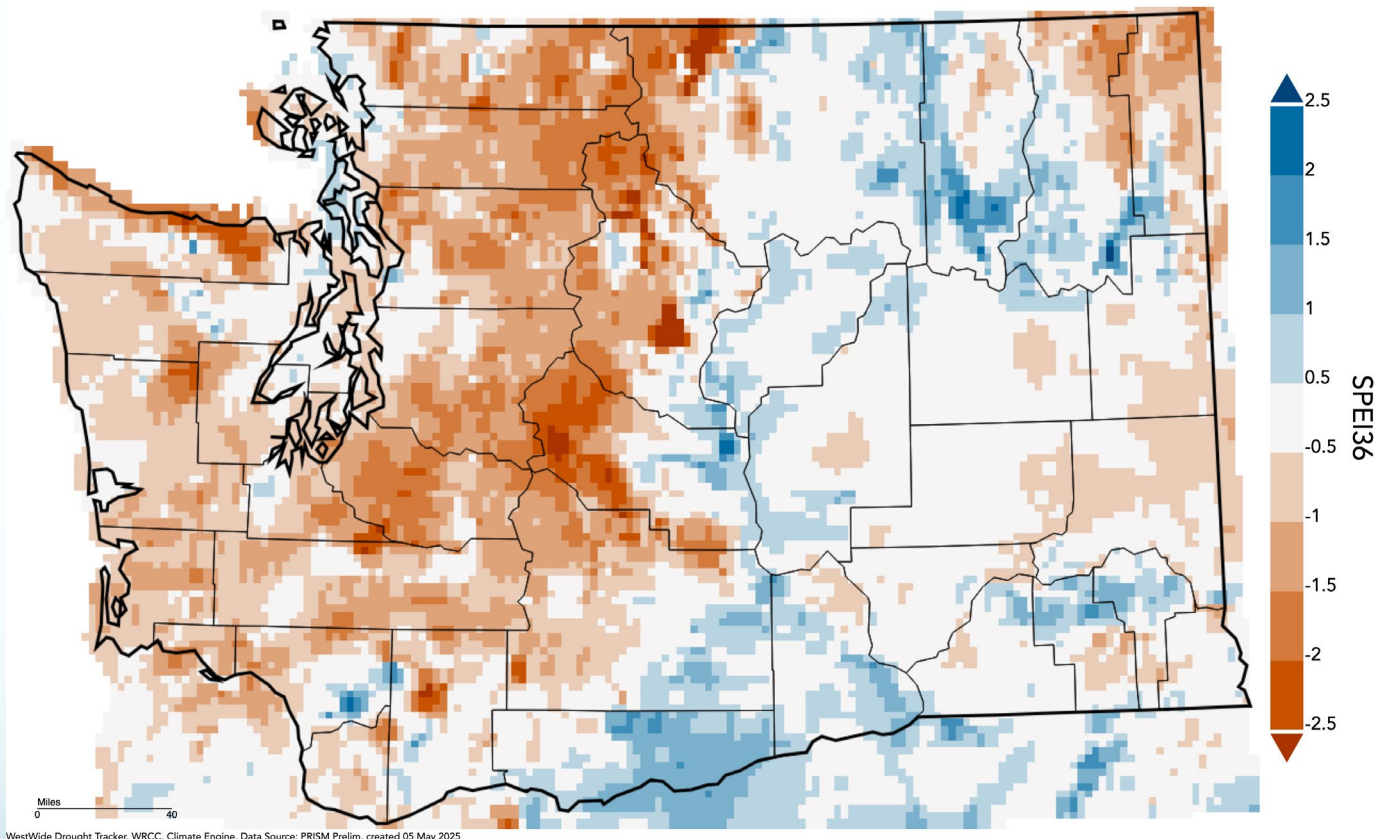
[Climate Toolbox](#)

- Averaged statewide, April temperatures were above normal (+1.8°F), tying as the 25th warmest on record*
- Averaged statewide, April precipitation was below normal (57% of normal), ranking as the 30th driest

*Records since 1895; Normal is 1991-2020

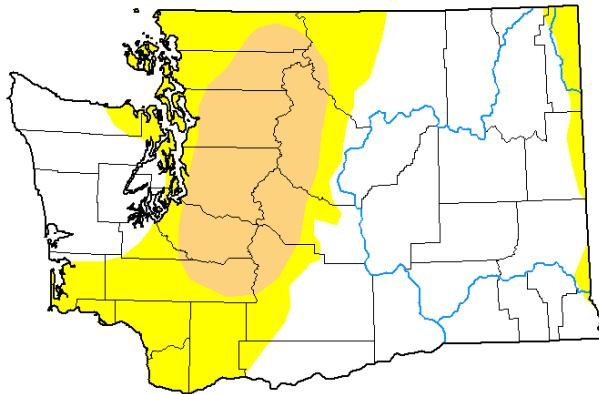
Longterm Dryness

Standardized Precipitation and Evapotranspiration Index
May 2022-April 2025



U.S. Drought Monitor

U.S. Drought Monitor Washington

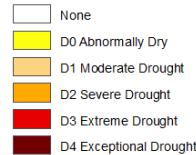


May 6, 2025

(Released Thursday, May, 8, 2025)

Valid 8 a.m. EDT

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

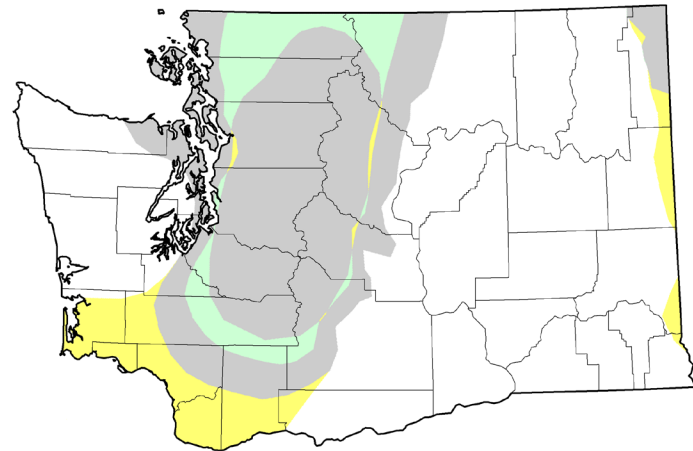
Author:

Brad Pugh
CPC/NOAA



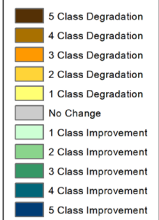
droughtmonitor.unl.edu

U.S. Drought Monitor Class Change - Washington 4 Week



May 6, 2025
compared to
April 8, 2025

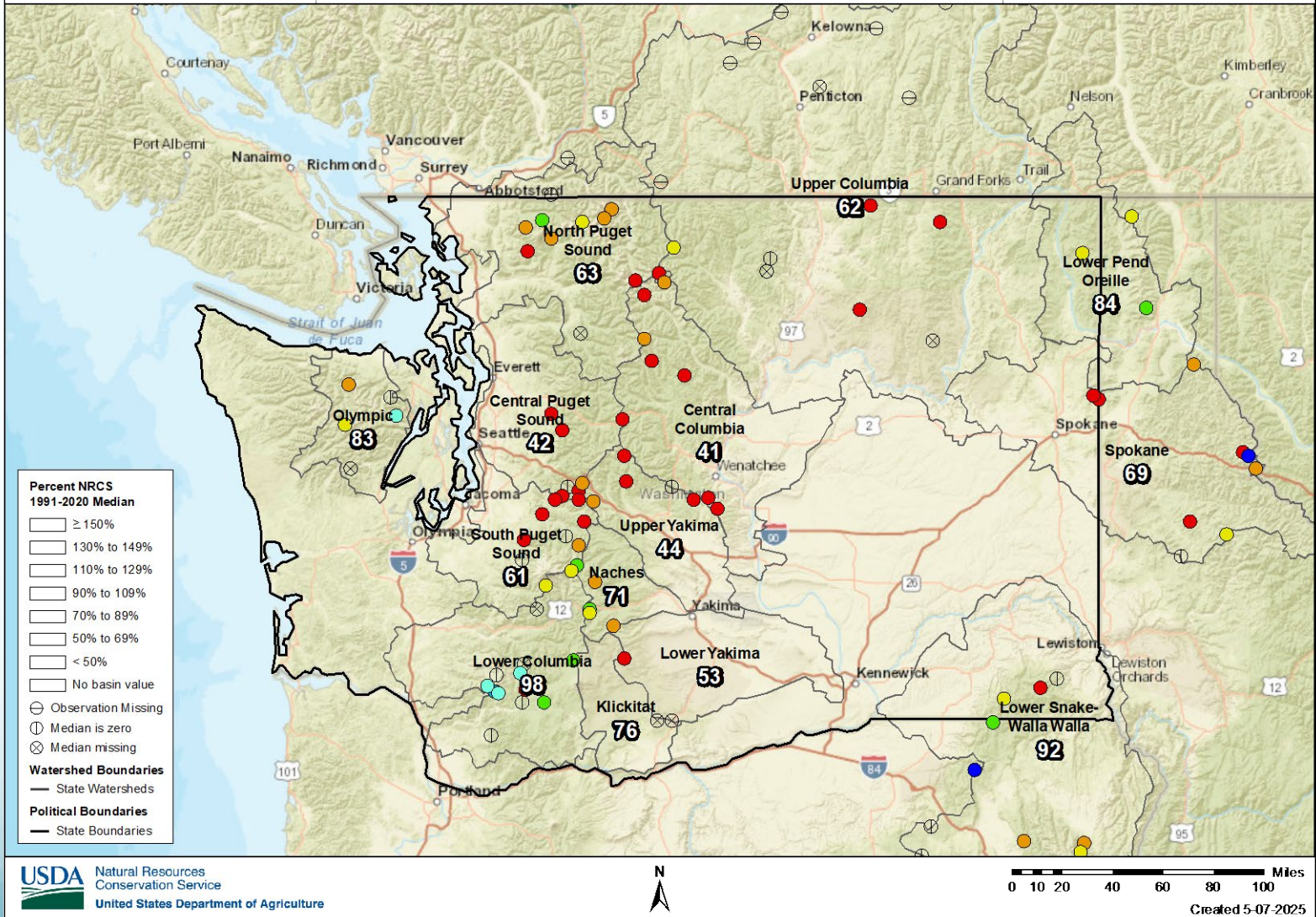
droughtmonitor.unl.edu



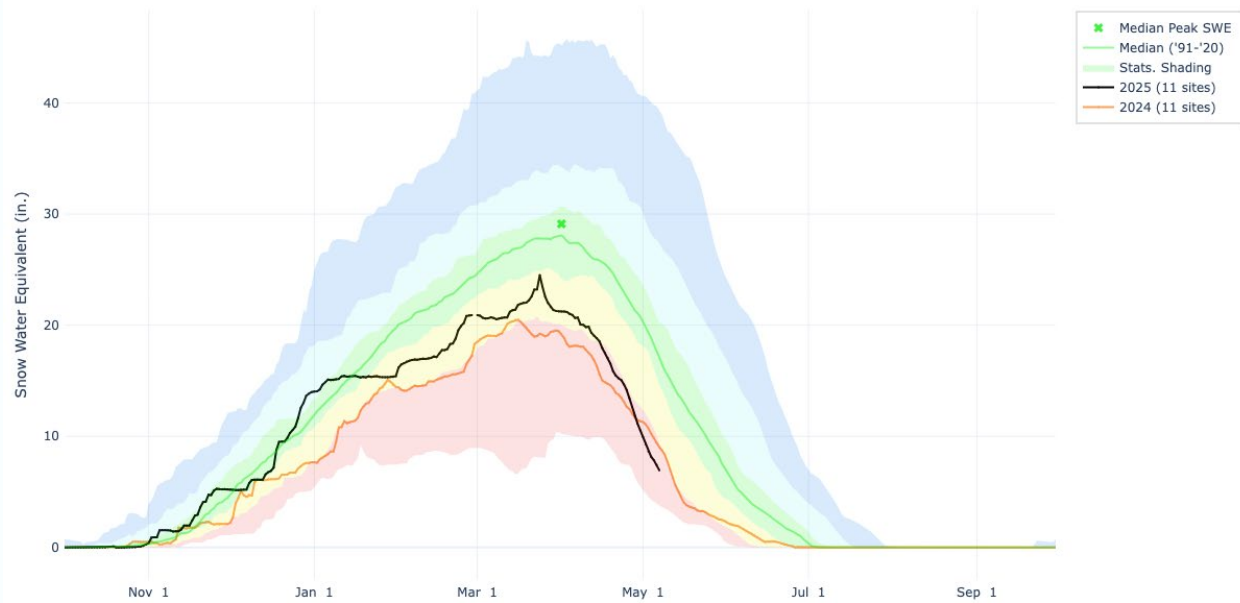
Snow Water Equivalent

Percent NRCS 1991-2020 Median

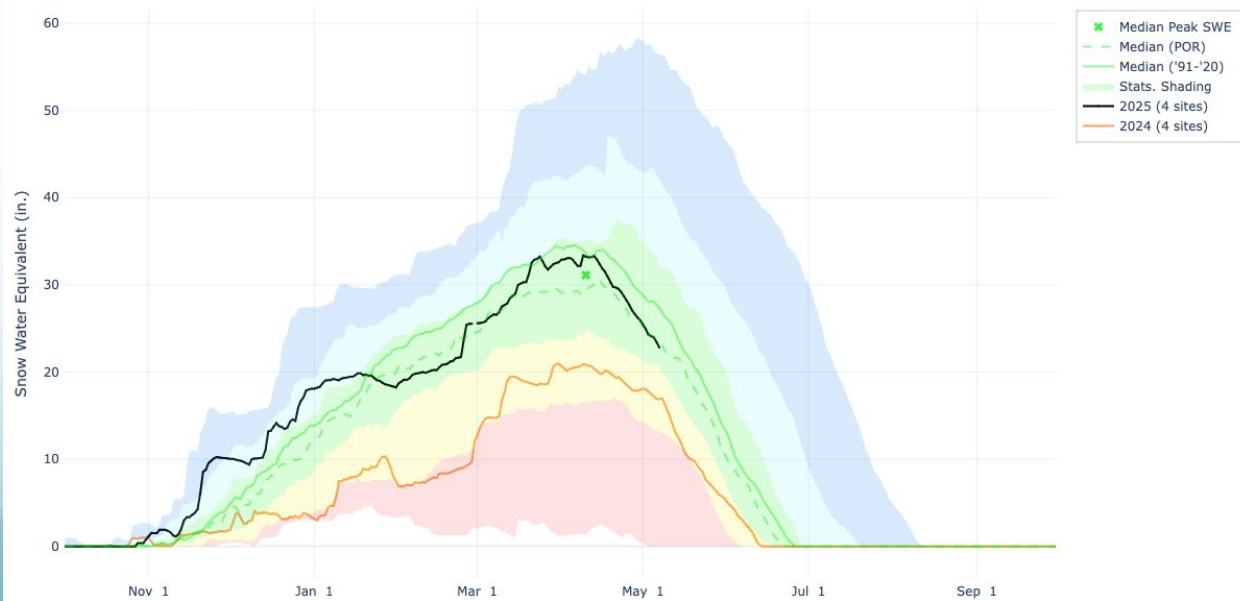
May 6, 2025, end of day



SNOW WATER EQUIVALENT IN CENTRAL COLUMBIA



SNOW WATER EQUIVALENT IN OLYMPIC



Current Status: Neutral

No ENSO Alert

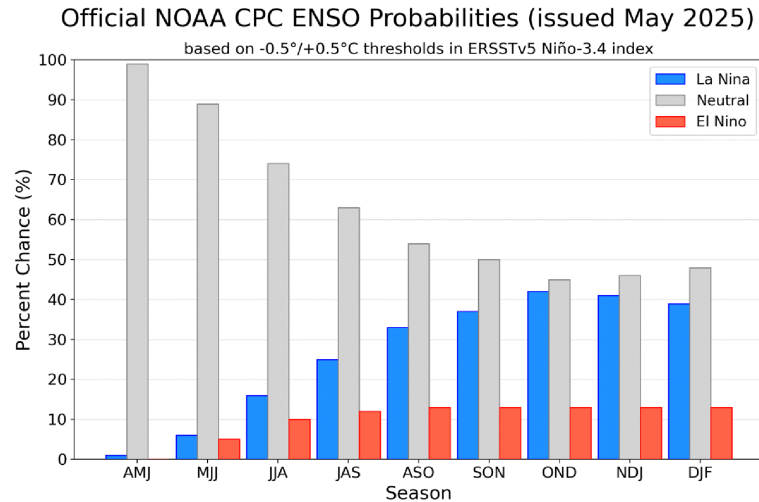
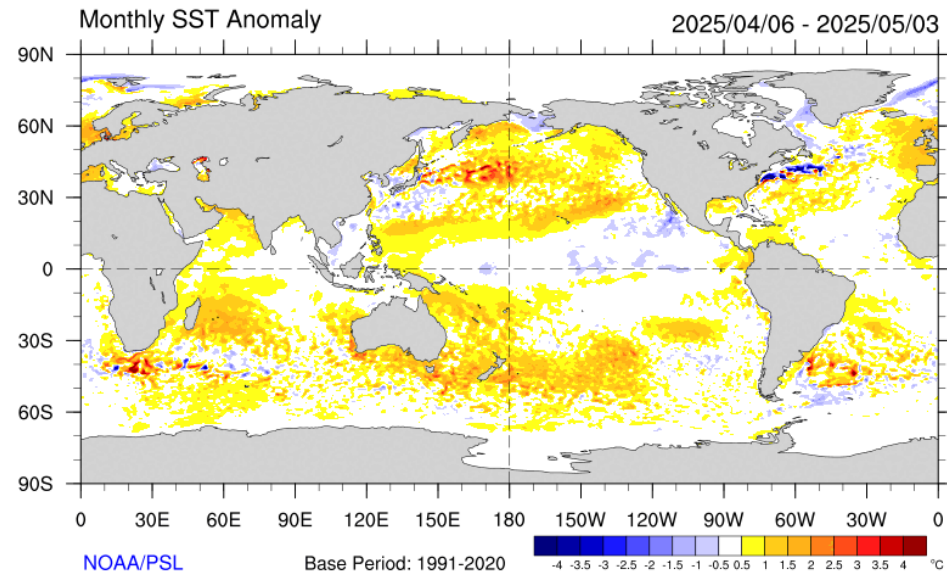


Figure 7. Official ENSO probabilities for the Niño 3.4 sea surface temperature index (5°N - 5°S , 120°W - 170°W). Figure updated 8 May 2025.

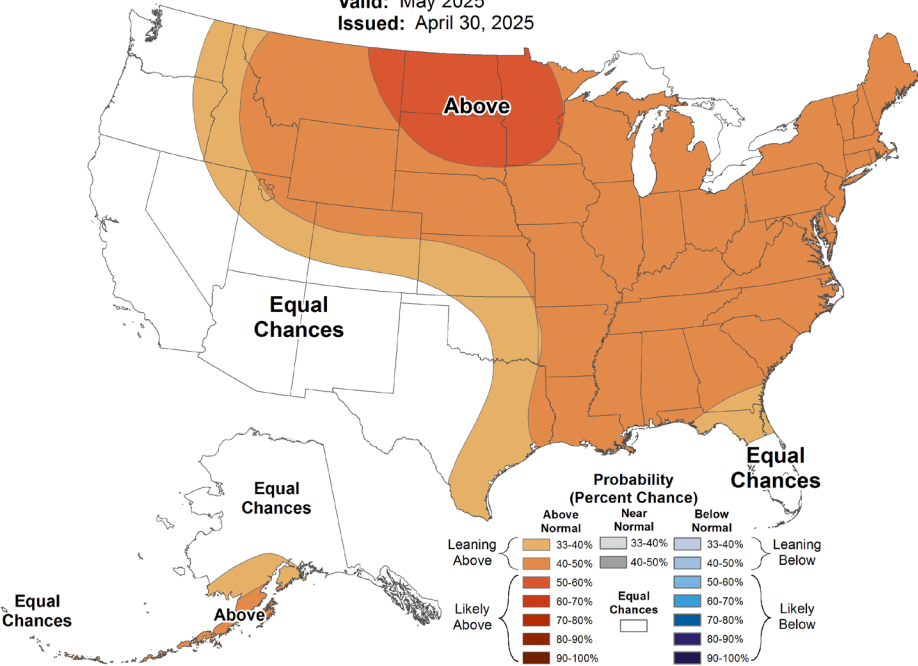


Climate Prediction Center: May Outlook



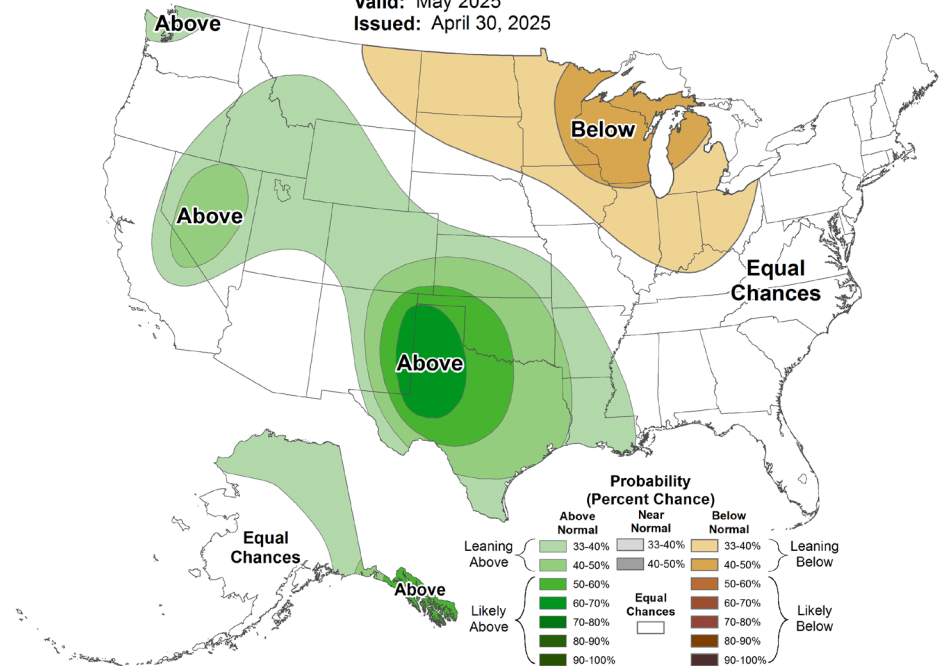
Monthly Temperature Outlook

Valid: May 2025
Issued: April 30, 2025

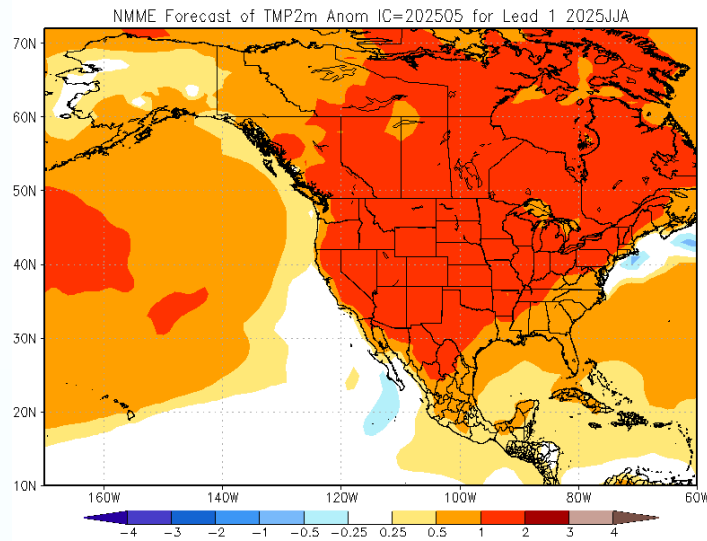


Monthly Precipitation Outlook

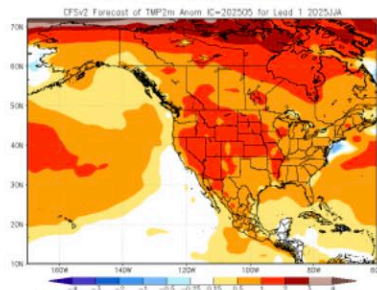
Valid: May 2025
Issued: April 30, 2025



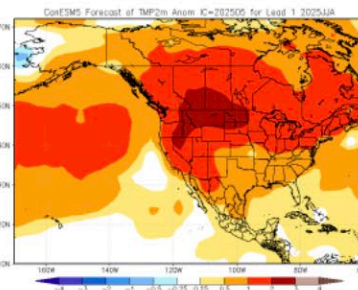
NMME: Jun-Aug Temperatures



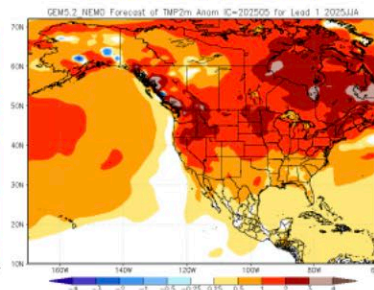
NCEP_CFSv2



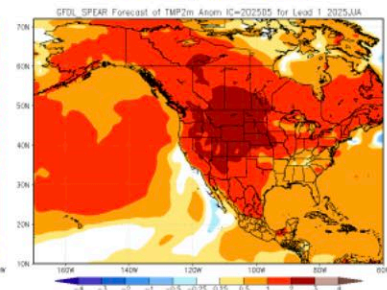
CanESM5



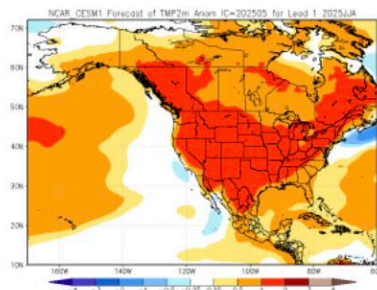
GEM5.2_NEMO



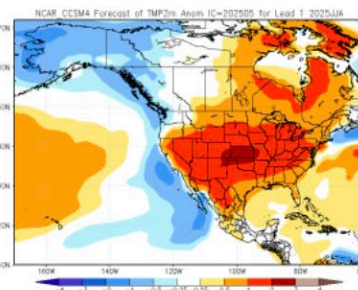
GFDL_SPEAR



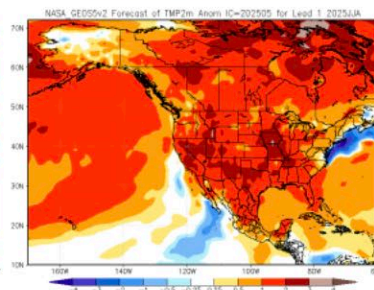
NCAR_CESM1



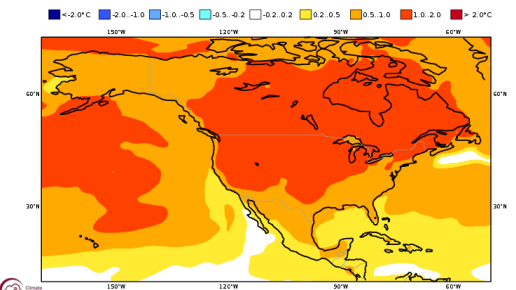
NCAR_CCSM4



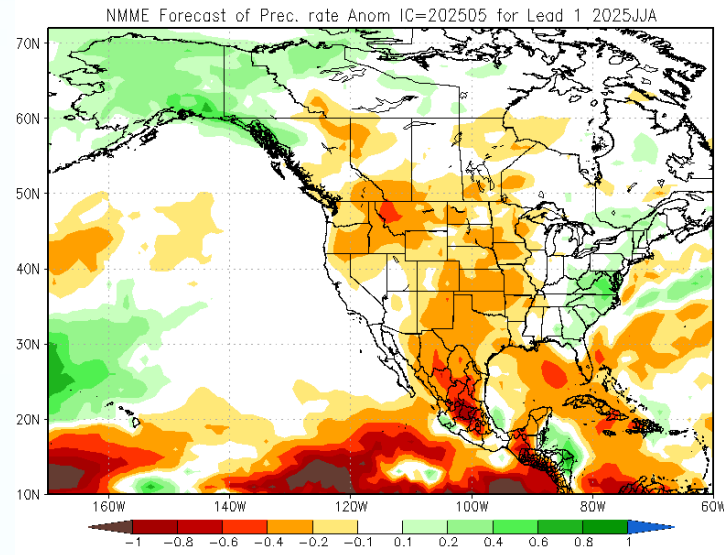
NASA_GEOS5v2



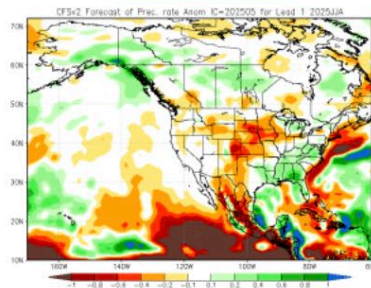
CS3 multi-system seasonal forecast ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/UM/ECDC
Mean 2m temperature anomaly
Nominal forecast start: 010425
Variance-standardized mean



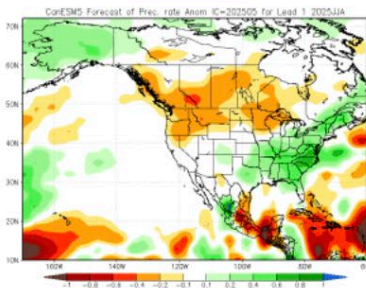
NMME: Jun-Aug Precipitation



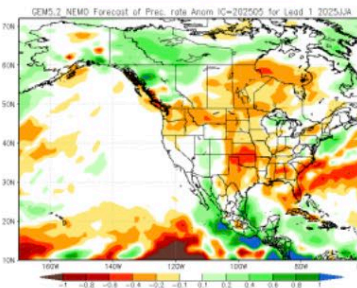
NCEP_CFSv2



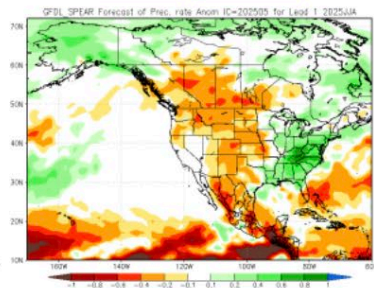
CanESM5



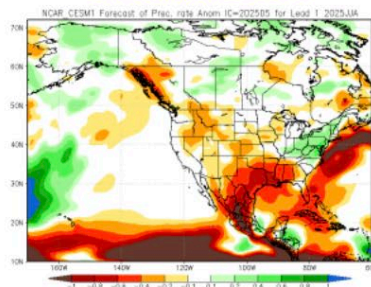
GEM5.2_NEMO



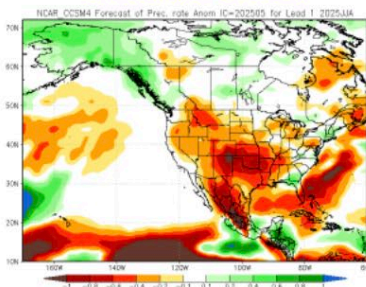
GFDL_SPEAR



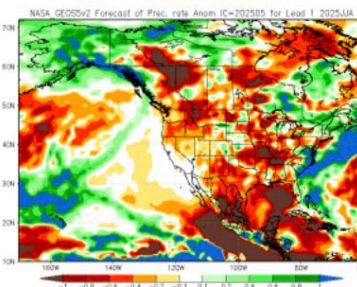
NCAR_CESM1



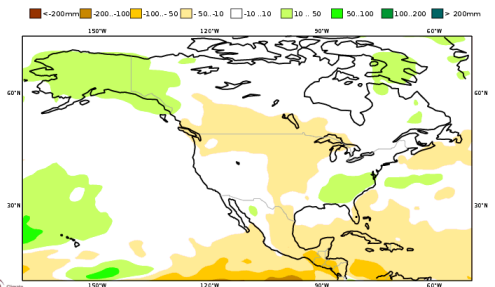
NCAR_CCSM4



NASA_GEOS5v2



C3S multi-system seasonal forecast ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC
Mean precipitation anomaly JJA 2025
Nominal forecast start: 01/04/25
Variance standardized mean

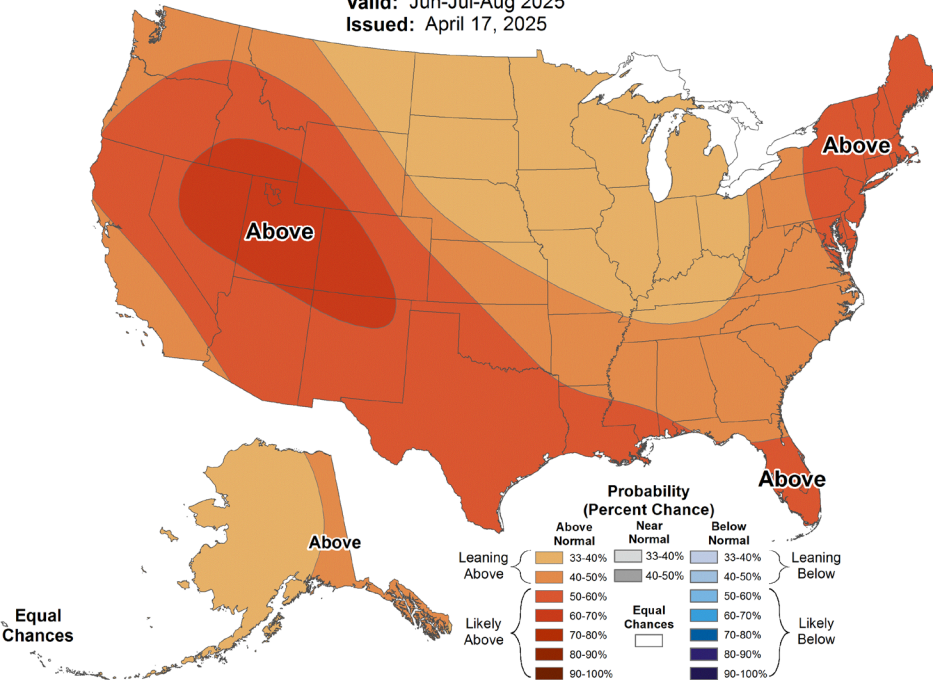


Climate Prediction Center Outlook: Jun-Aug



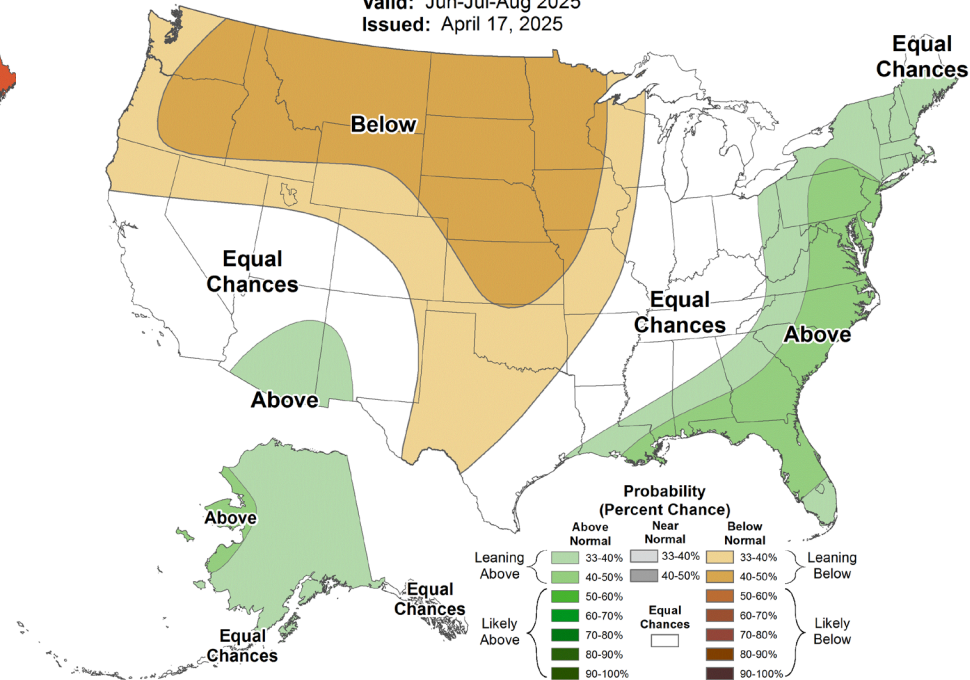
Seasonal Temperature Outlook

Valid: Jun-Jul-Aug 2025
Issued: April 17, 2025



Seasonal Precipitation Outlook

Valid: Jun-Jul-Aug 2025
Issued: April 17, 2025



May-Jul: Higher odds of above normal temps and below normal precip

Summary

- Averaged statewide, water year temperatures have been slightly above normal and precipitation has been near-normal
 - Regional variations: water year precipitation has been below normal for western WA, including the Cascade Mountains
 - Precipitation since Jan 1 especially low on east slopes of the Cascades
- April was warmer and drier than normal statewide
- La Niña or neutral are more likely outcomes for next winter; no impact on our summer weather
- May doesn't appear to be very anomalous but there's higher chances of a warmer and drier than normal June-July-August