

# NWS Outlook & Updates

## Stanislaus Co Water Advisory Committee

Presenter : Courtney Carpenter

Weather Forecast Office  
Sacramento, CA  
Wednesday, May 25

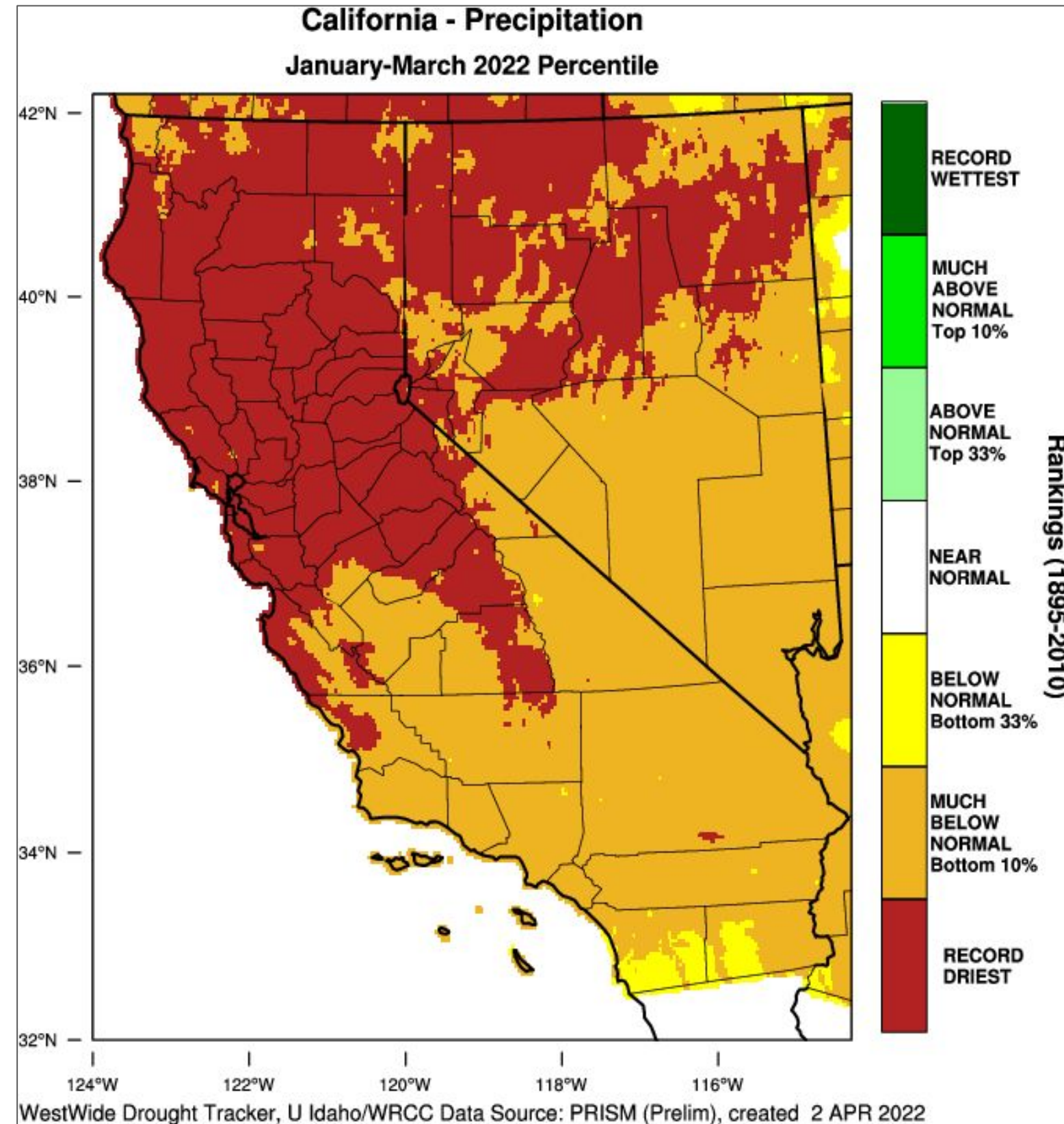
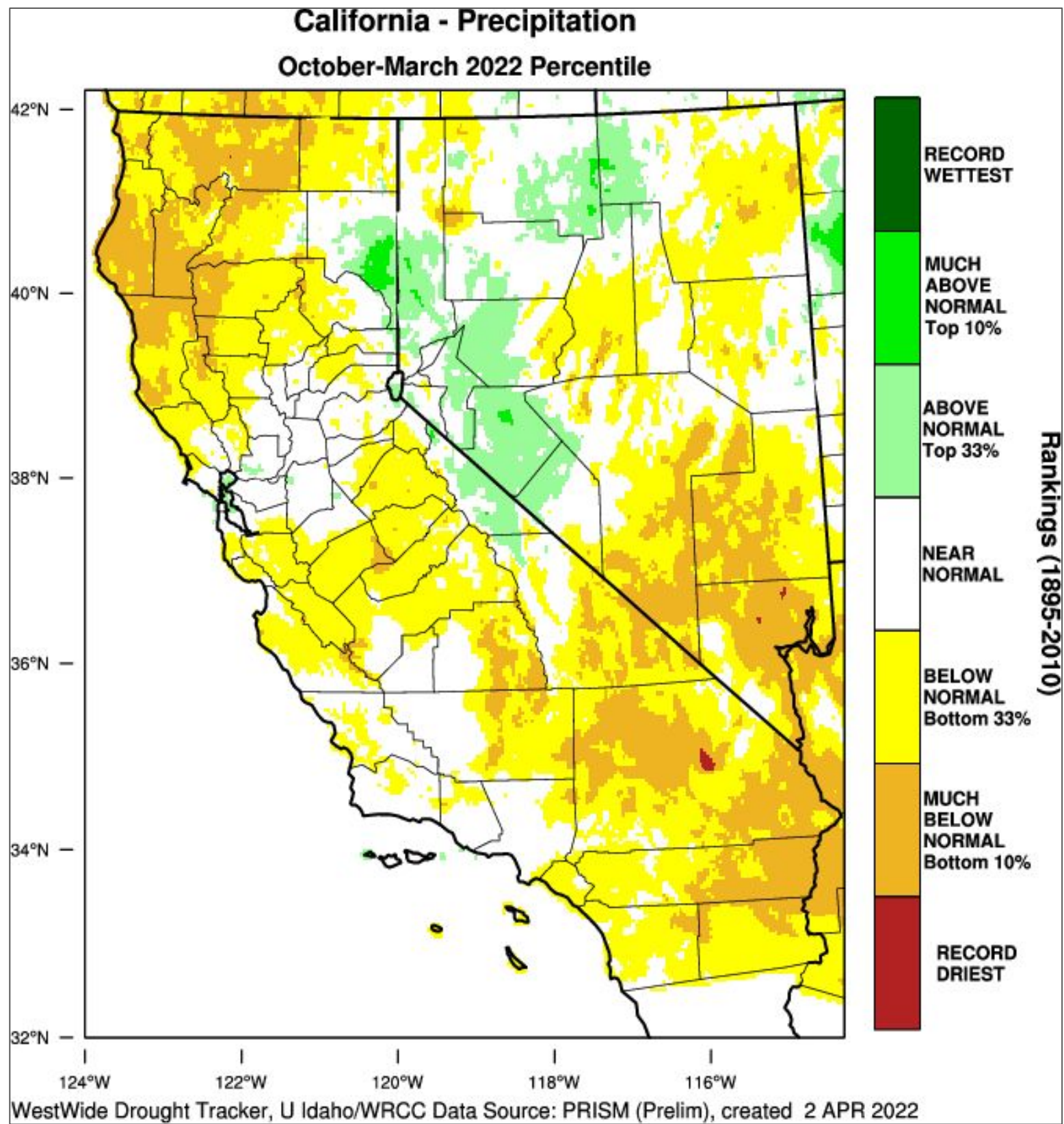
Warning Coordination Meteorologist





# Water Year 2021 - 2022

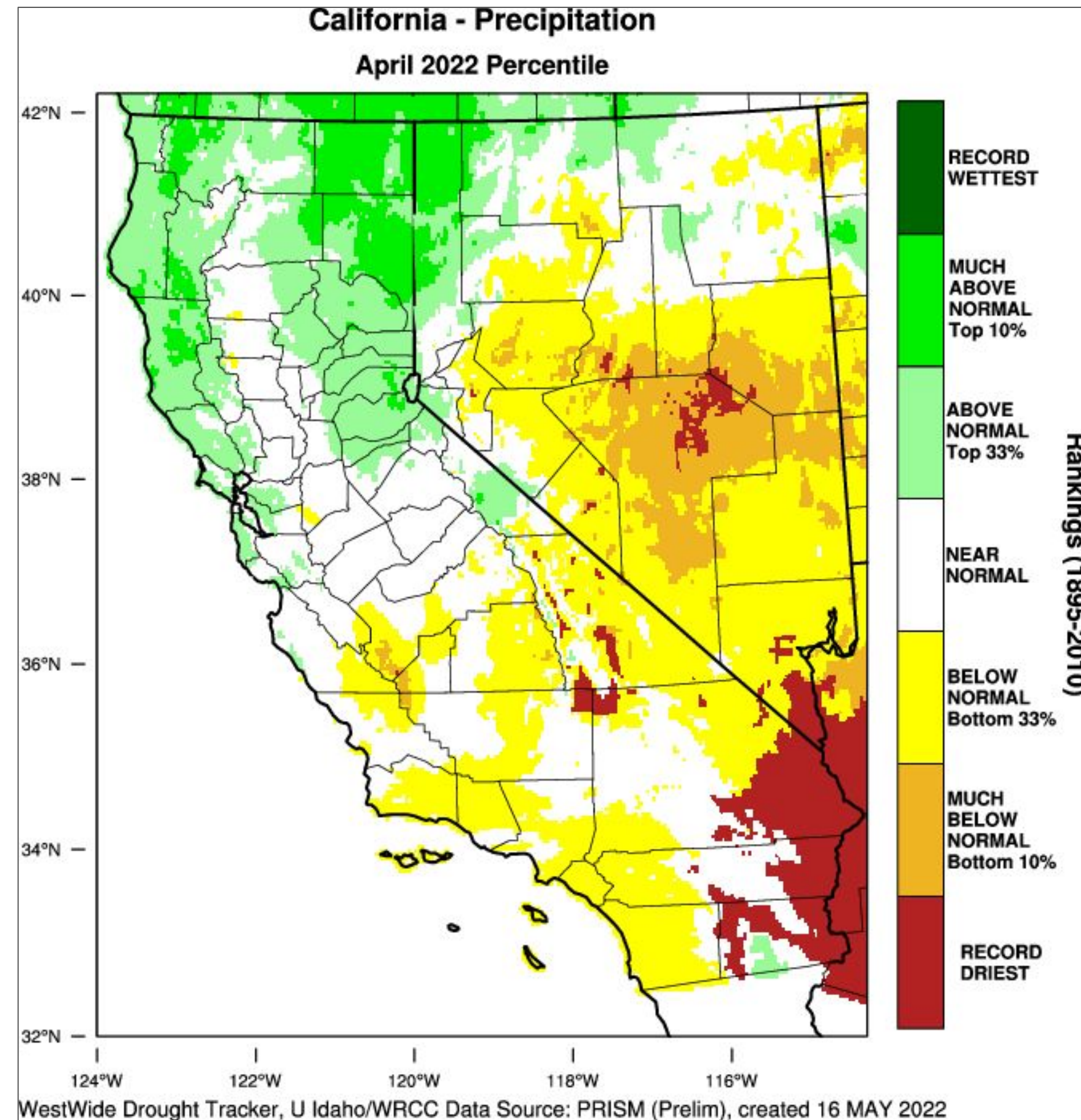
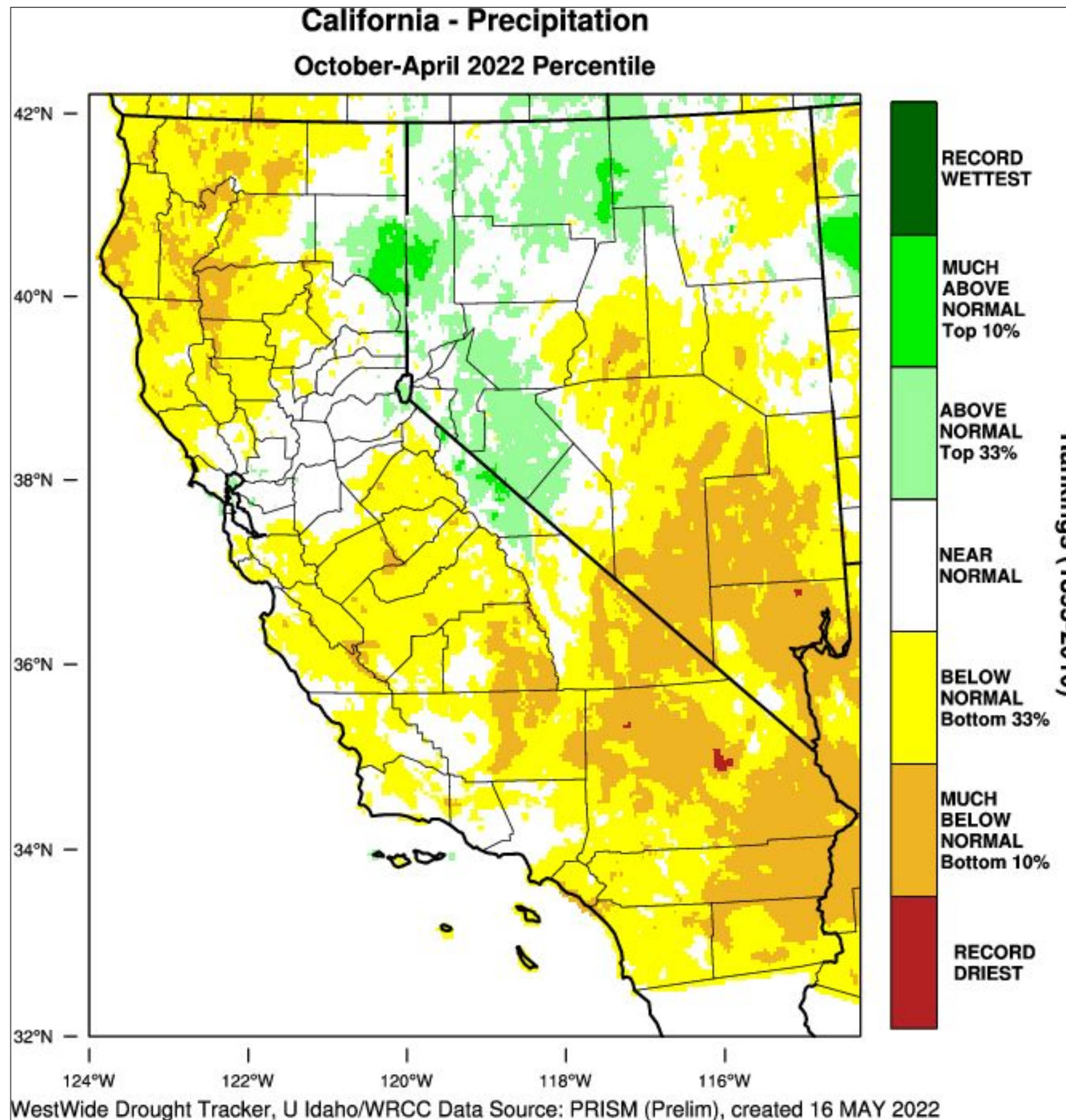
Weather Forecast Office  
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Wednesday, May 25





# Water Year 2021 - 2022

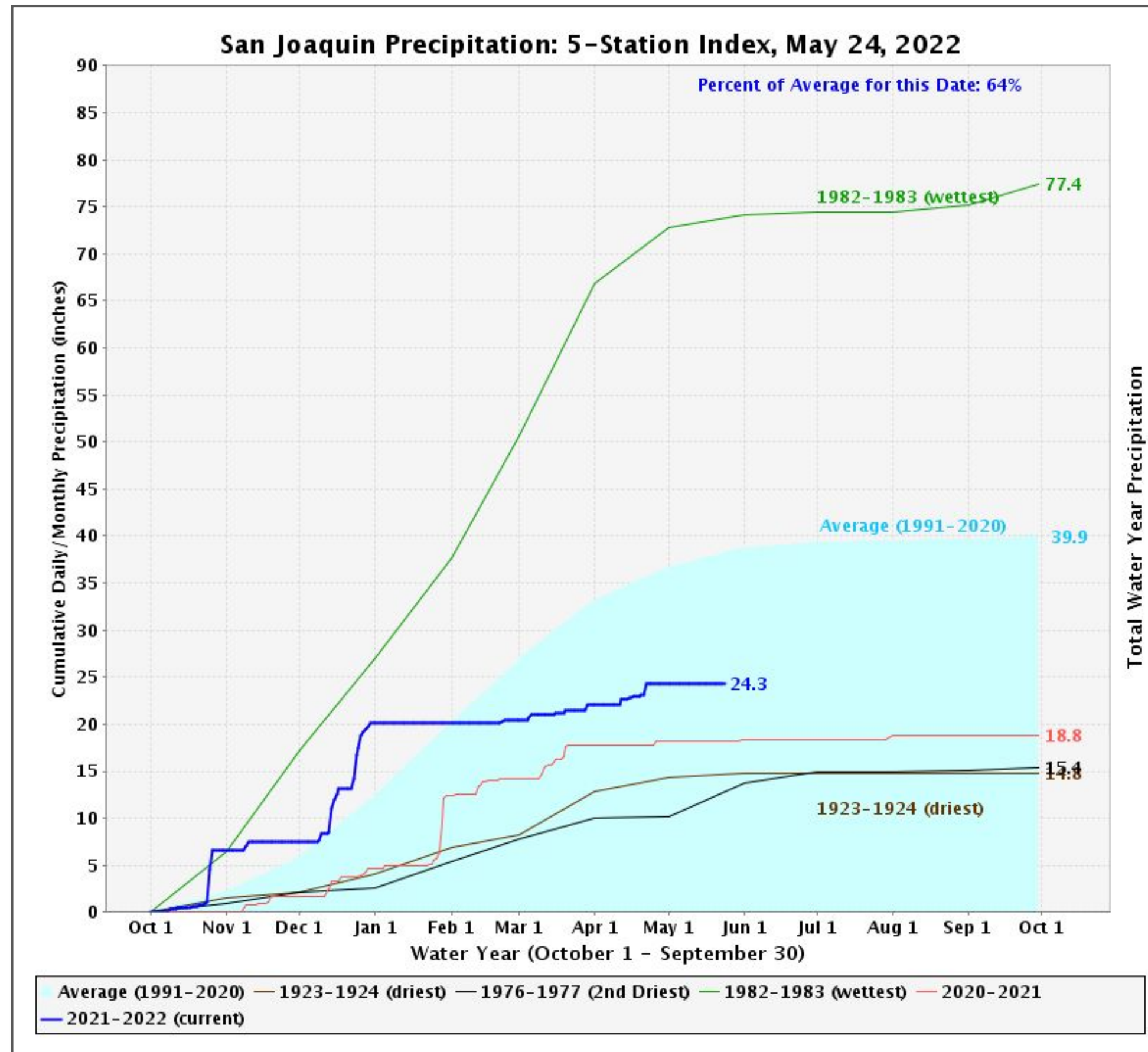
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Wednesday, May 25





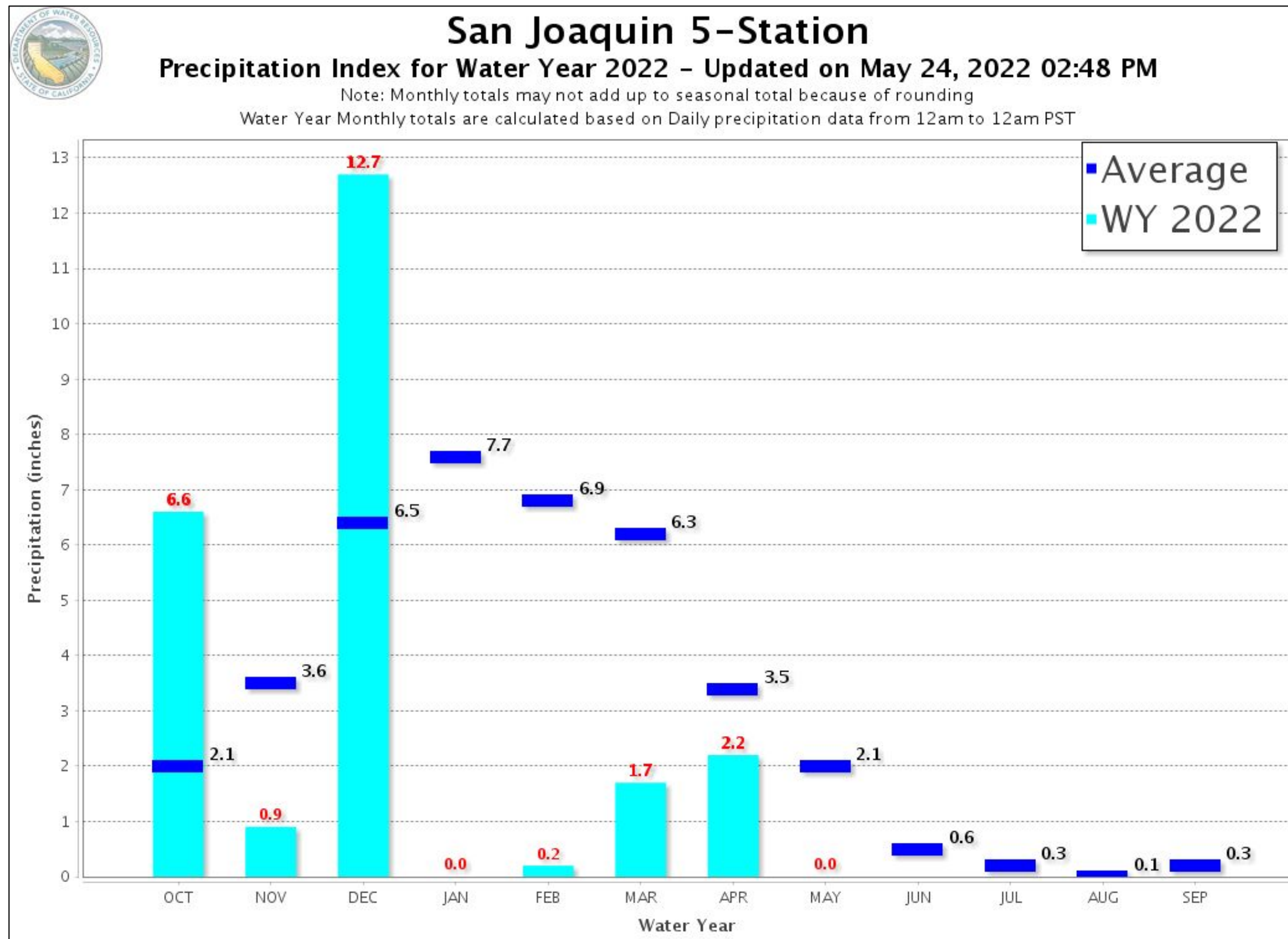
# Water Year 2021-2022

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Wednesday, May 25





# Water Year 2021-2022





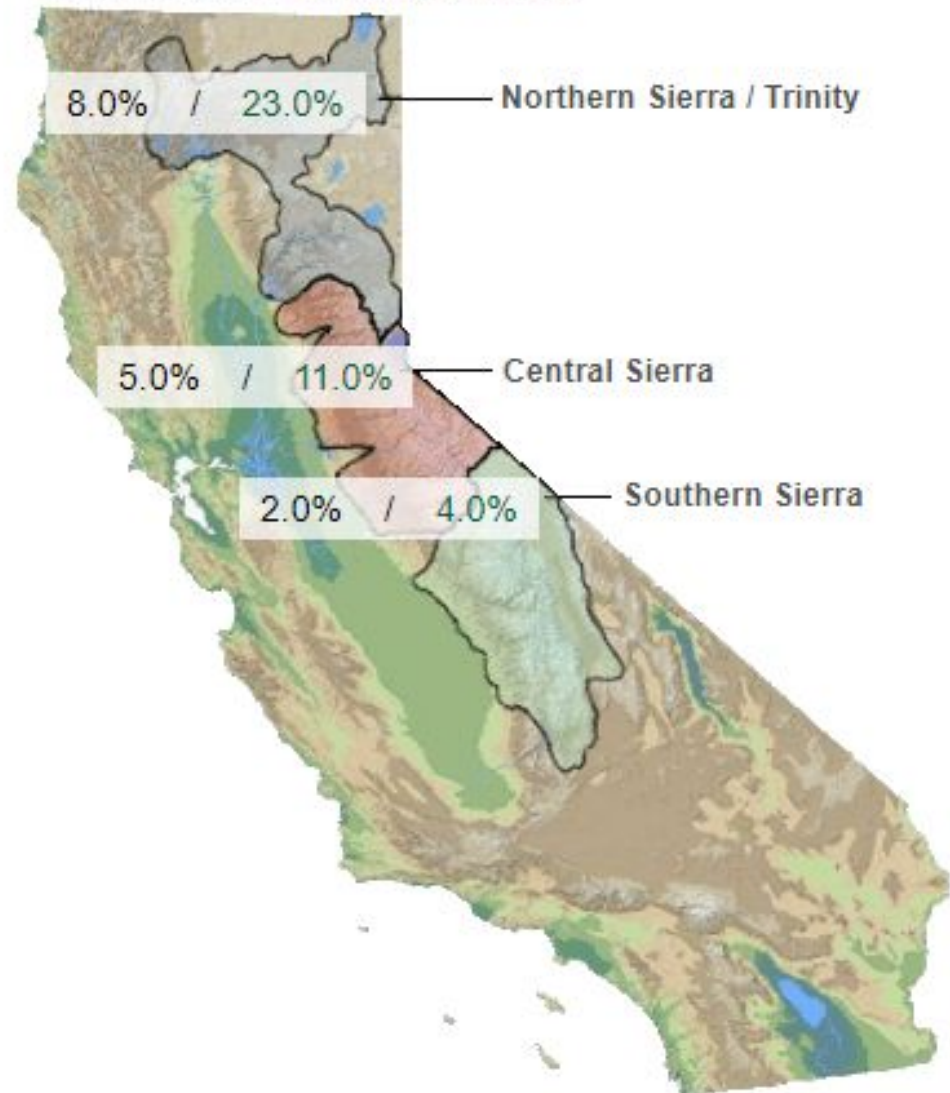
# Water Year 2021-2022

## → Snow Water Equivalents (inches)

Provided by the California Cooperative Snow Surveys

Data For: 23-May-2022

% Apr 1 Avg. / % Normal for this Date



Change Date :

NORTH	
Data For: 23-May-2022	
Number of Stations Reporting	29
Average snow water equivalent	2.1"
Percent of April 1 Average	8%
Percent of normal for this date	23%

CENTRAL	
Data For: 23-May-2022	
Number of Stations Reporting	45
Average snow water equivalent	1.6"
Percent of April 1 Average	5%
Percent of normal for this date	11%

SOUTH	
Data For: 23-May-2022	
Number of Stations Reporting	25
Average snow water equivalent	0.4"
Percent of April 1 Average	2%
Percent of normal for this date	4%

STATEWIDE SUMMARY	
Data For: 23-May-2022	
Number of Stations Reporting	99
Average snow water equivalent	1.5"
Percent of April 1 Average	5%
Percent of normal for this date	11%

[Printable Version of Current Data](#)

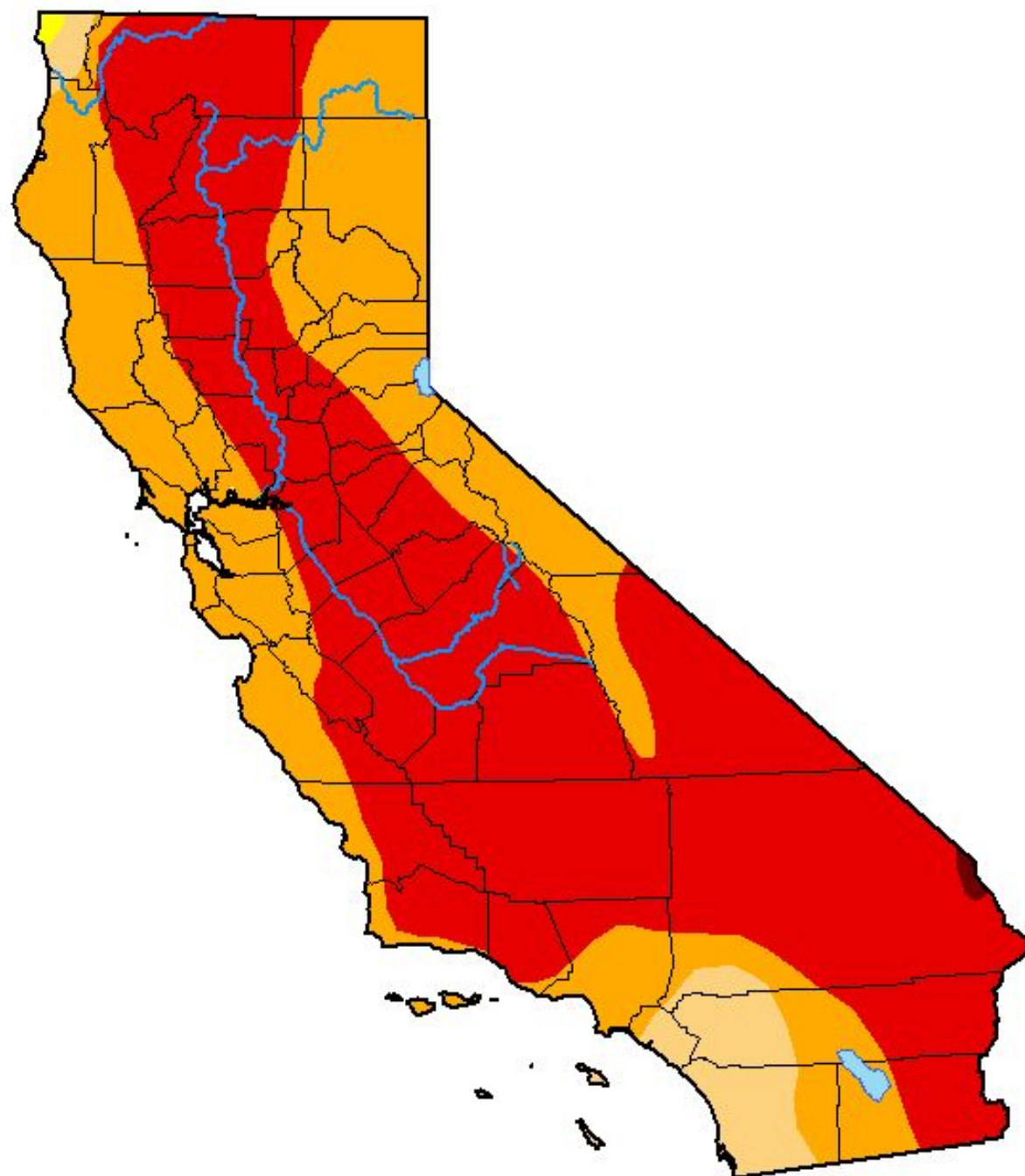


# Latest Drought Monitor

Weather Forecast Office  
 Sacramento, CA  
 Wednesday, May 25

## U.S. Drought Monitor California

**May 17, 2022**  
 (Released Thursday, May. 19, 2022)  
 Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.00	100.00	99.86	95.14	59.81	0.18
<b>Last Week</b> 05-10-2022	0.00	100.00	99.86	95.14	59.81	0.00
<b>3 Months Ago</b> 02-15-2022	0.00	100.00	99.57	66.39	1.39	0.00
<b>Start of Calendar Year</b> 01-04-2022	0.00	100.00	99.30	67.62	16.60	0.84
<b>Start of Water Year</b> 09-28-2021	0.00	100.00	100.00	93.93	87.88	45.66
<b>One Year Ago</b> 05-18-2021	0.00	100.00	100.00	94.31	73.33	15.91

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

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:  
 Richard Heim  
 NCEI/NOAA



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)



# Seasonal Outlooks

Weather Forecast Office  
Sacramento, CA  
Wednesday, May 25





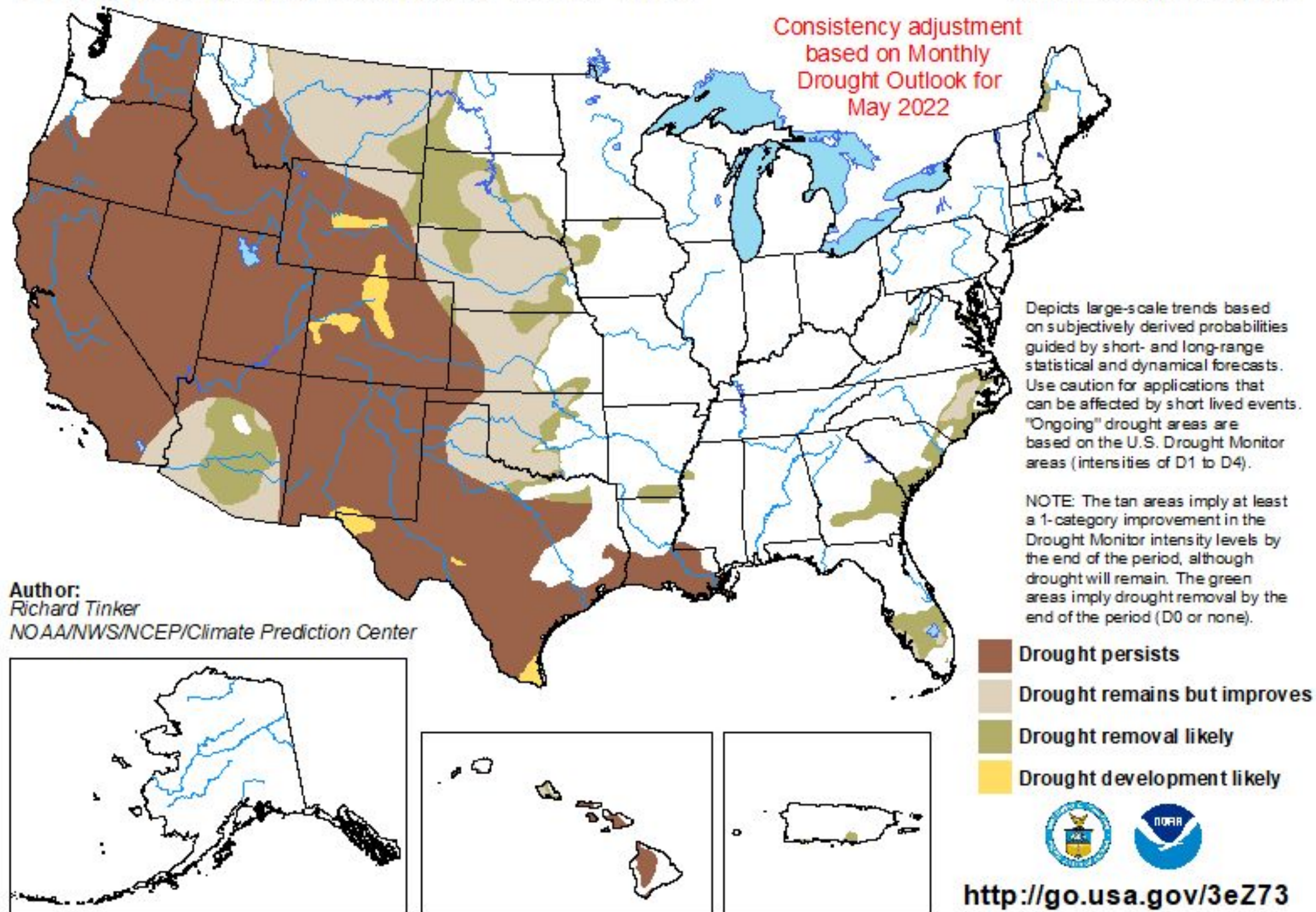


# Seasonal Drought Outlook

Weather Forecast Office  
Sacramento, CA  
Wednesday, May 25

## U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

Valid for May 1 - July 31, 2022  
Released April 30, 2022



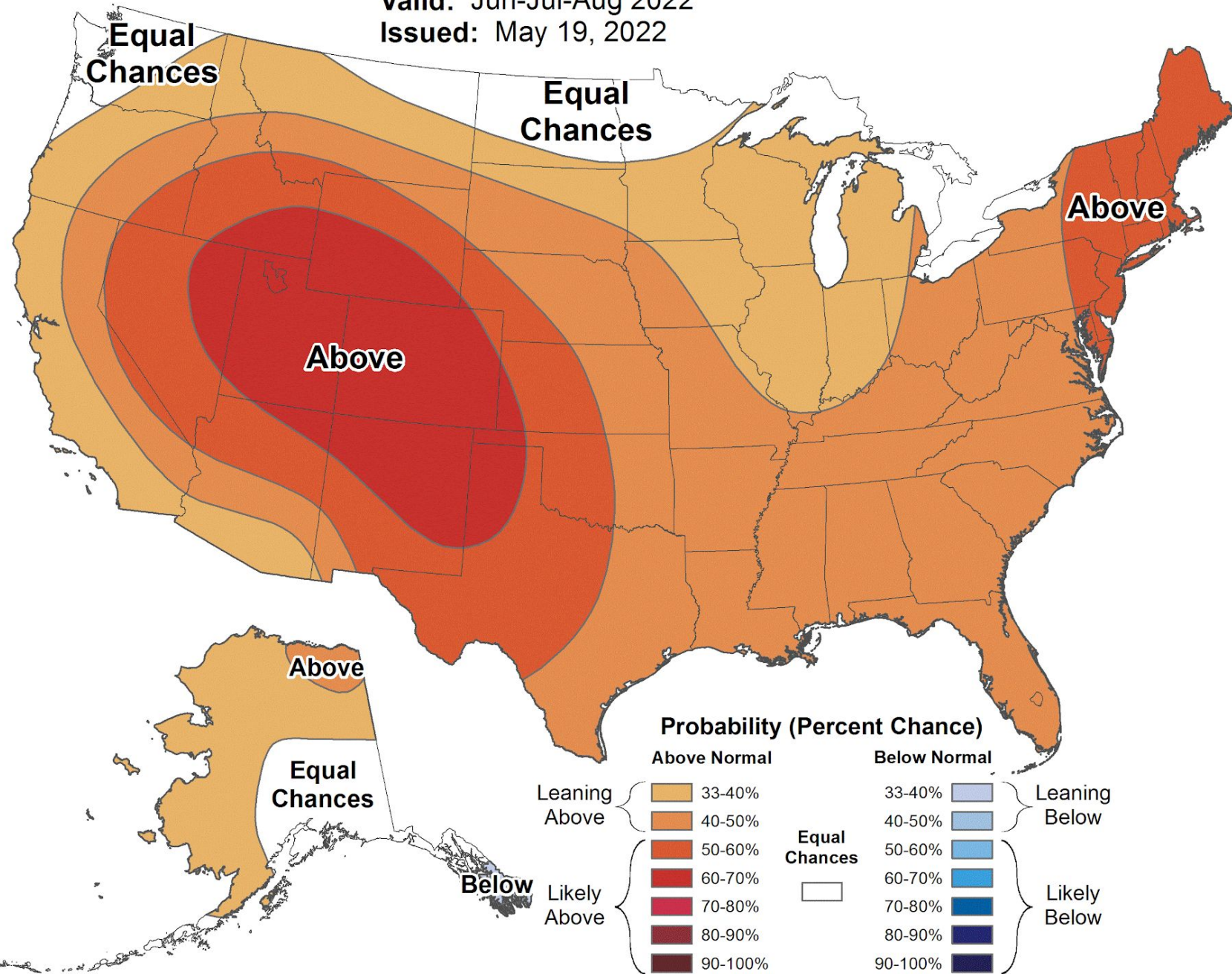
## June - July - August



### Seasonal Temperature Outlook



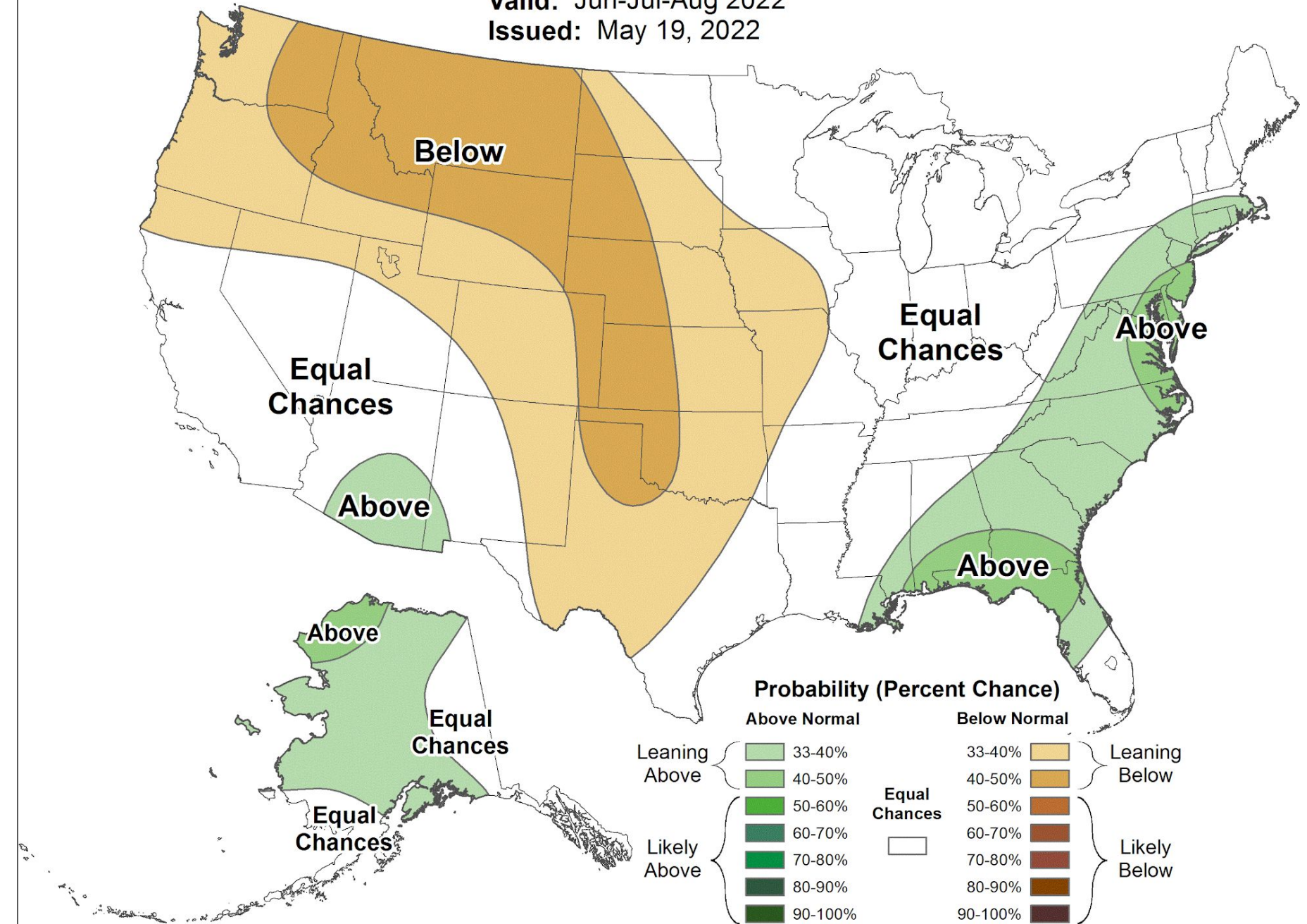
Valid: Jun-Jul-Aug 2022  
Issued: May 19, 2022



### Seasonal Precipitation Outlook

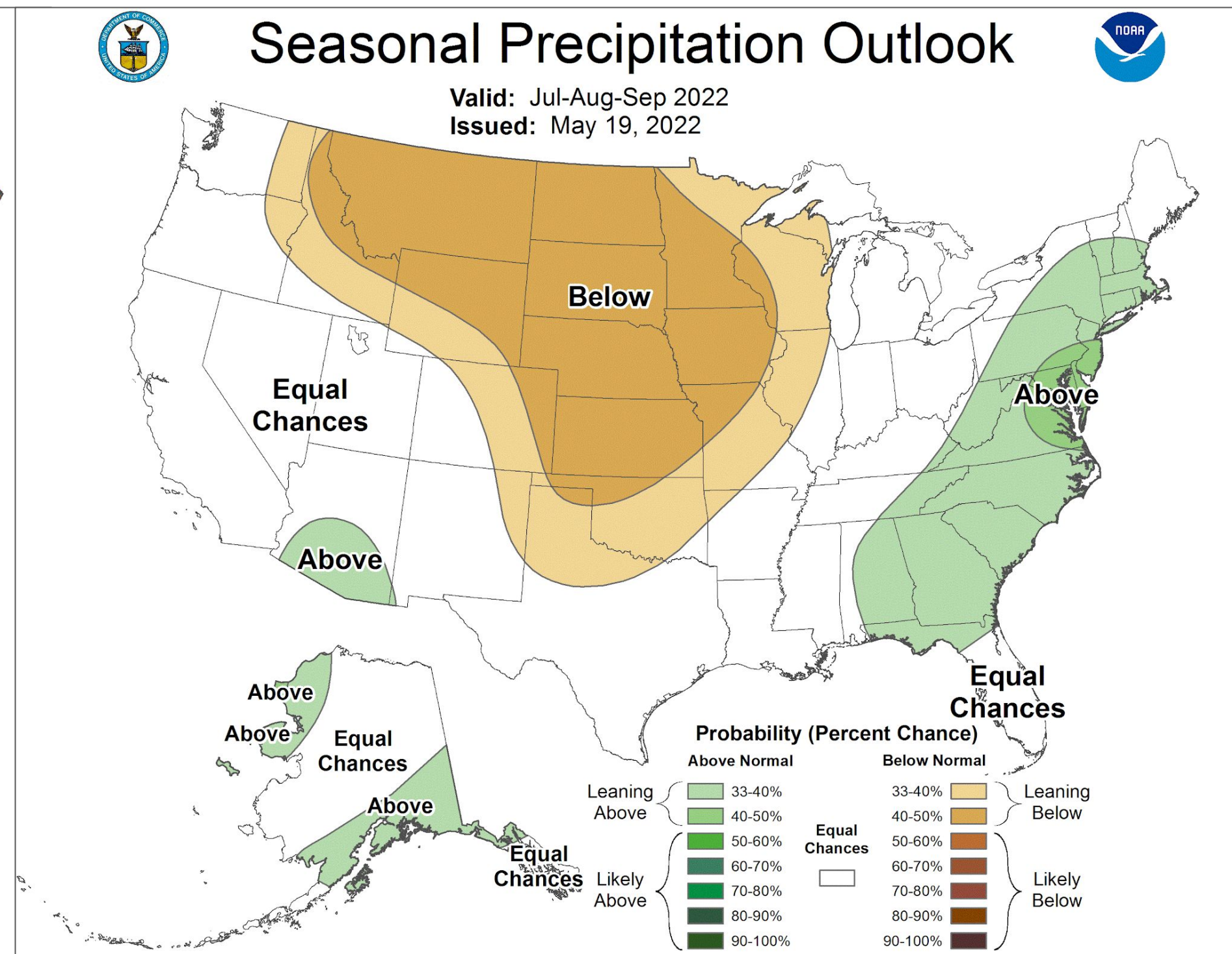
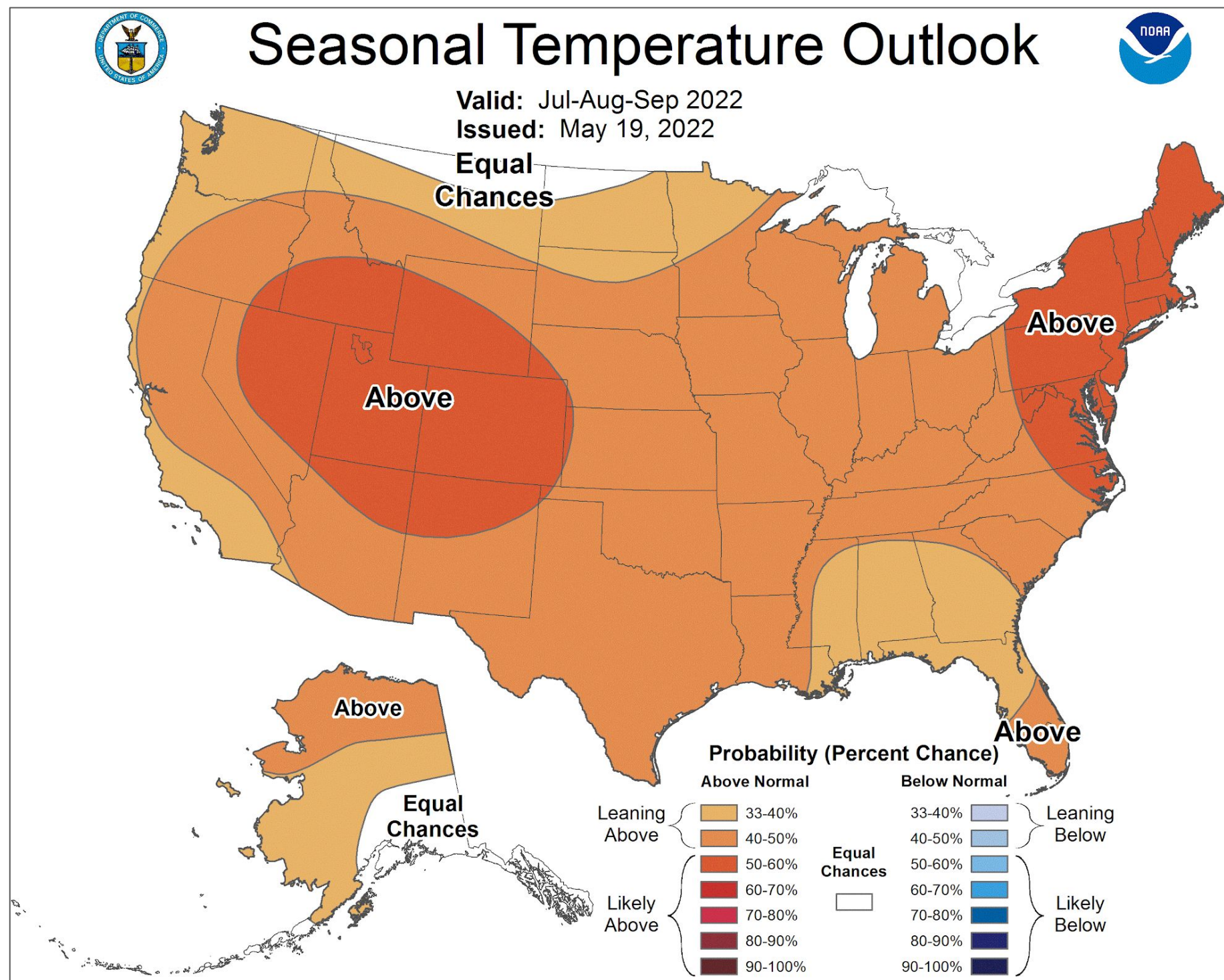


Valid: Jun-Jul-Aug 2022  
Issued: May 19, 2022



Unshaded areas = Equal Chances, No Strong Indicators

## July - August - September



Unshaded areas = Equal Chances, No Strong Indicators



## Early heads up of impending weather

- Prior to traditional watches and warning

To be added to partner email lists, email:  
[courtney.carpenter@noaa.gov](mailto:courtney.carpenter@noaa.gov)

**National Weather Service**  
National Oceanic and Atmospheric Administration

Weather Forecast Office  
Sacramento  
Friday, Oct 22, 2021

**Significant Rain and Snow this Weekend into Early Next Week**

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**KEY POINTS**

- Periods of moderate to locally heavy rain could cause small stream and urban flooding
- Possible debris and ash flows on recently burned areas
- Breezy winds Sunday
- Winter Storm Watch in effect Sunday evening into Tuesday

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**CHANGES FROM PREVIOUS BRIEFING**

- Winter Storm Watch issued for Sunday night into early Tuesday
- Flood Watch in effect from Late Saturday night through Sunday

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**WEATHER RISK OUTLOOK**

Risk levels incorporate potential impacts from weather hazards and likelihood of occurrence.

	Fri 10/22	Sat 10/23	Sun 10/24	Mon 10/25	Tue 10/26	Wed 10/27	Thu 10/28
<b>Valley</b>	Rain	Rain	Rain/Wind	Rain	Rain	Rain	
<b>Foothills</b>	Rain/Debris Flows	Rain	Rain/Wind/Debris Flows	Rain	Rain	Rain	
<b>Mountains</b>	Rain/Debris Flows	Rain	Rain/Wind/Debris Flows	Snow	Snow	Rain	

Risk Levels

Little to None

Minor

Moderate

Major

Extreme

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**DETAILS**

**Valley, Foothills, Mountains**

Rain	<p><b>Impacts:</b></p> <ul style="list-style-type: none"> <li>• Moderate to heavy rain may lead to roadway ponding and minor flooding of poor drainage areas, creating difficult commute conditions</li> <li>• Periods of heavy rain with ash and debris flows possible on recently burned areas</li> </ul> <p><b>Timing:</b></p> <ul style="list-style-type: none"> <li>• Through this afternoon</li> </ul> <p><b>Confidence:</b></p> <ul style="list-style-type: none"> <li>• High</li> </ul>
Snow	<p><b>Impacts:</b></p> <ul style="list-style-type: none"> <li>• Mountain travel delays and chain controls possible</li> </ul> <p><b>Timing:</b></p> <ul style="list-style-type: none"> <li>• Friday</li> </ul> <p><b>Confidence:</b></p> <ul style="list-style-type: none"> <li>• Medium</li> </ul>

- Moderate to locally heavy rain through the afternoon today
- Ponding on roadways and increased travel times
- Isolated afternoon thunderstorms possible in northern Sacramento Valley and surrounding foothills

- Snow levels 7000 - 9000 feet decreasing through the day



# Questions?

Weather Forecast Office  
Sacramento, CA  
Wednesday, May 25

**If you have questions, or want to be added  
to partner email list, please contact:**

**NWS SACRAMENTO**

**[courtney.carpenter@noaa.gov](mailto:courtney.carpenter@noaa.gov)**

**A Forecaster can be reached 24/7**

** (916) 979-3045**