

Winter Season 2023/2024

Seasonal Briefing - Update

National Weather Service SF Bay Area / Monterey Bay regions

Weather Forecast Office

Monterey, CA

Saturday, November 18





Table of Contents

Weather Forecast Office
Monterey, CA
Saturday, November 18

- **Winter 2022 / 2023 Recap**
- **Drought - Current & Outlook**
- **El Niño Southern Oscillation**
- **Winter 2023 / 2024 Outlook**
- **Other Winter Threats**
- **Resources**

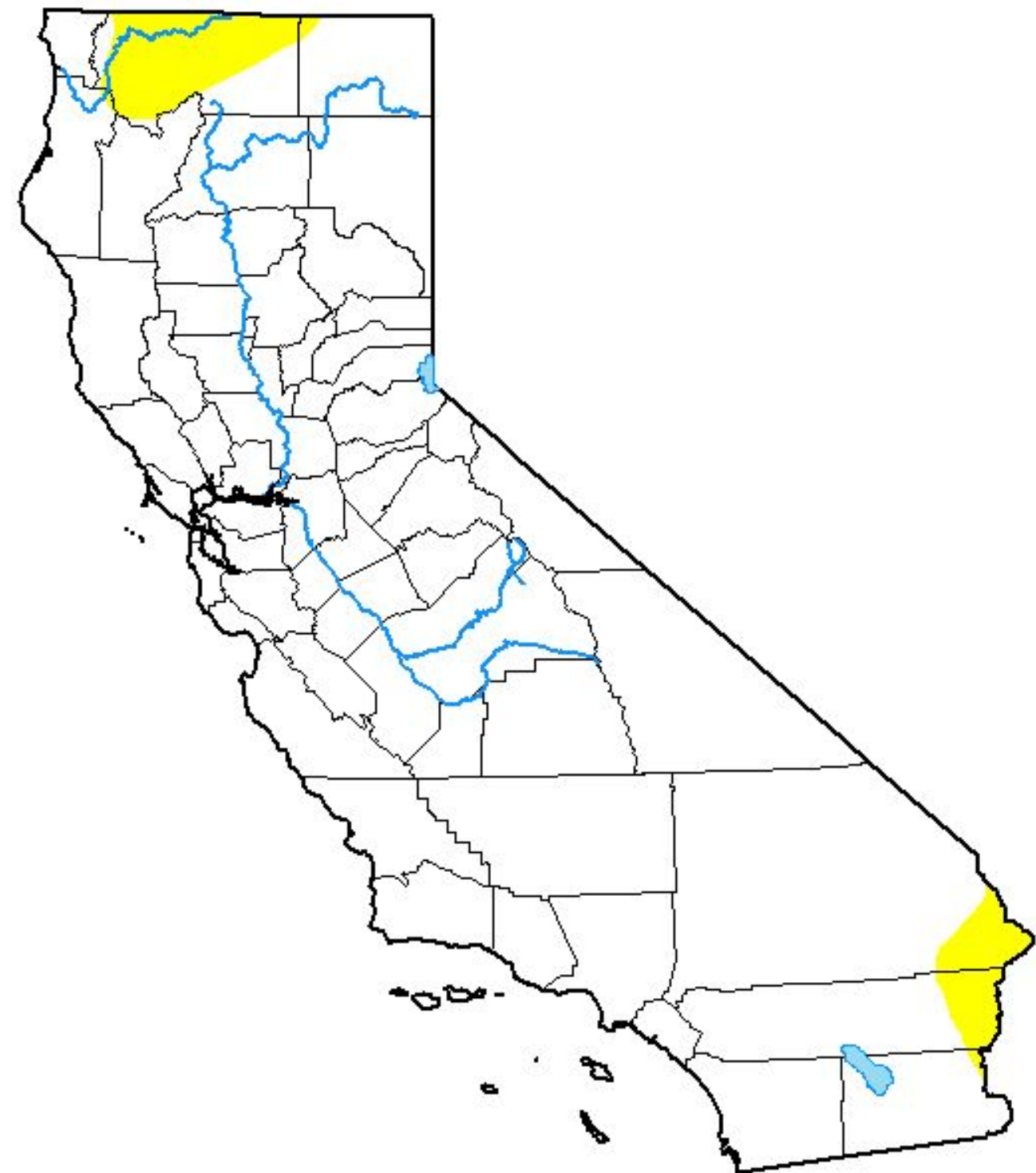


Drought Status







Weather Forecast Office
Monterey, CA
Saturday, November 18

U.S. Drought Monitor California

November 14, 2023
(Released Thursday, Nov. 16, 2023)
Valid 7 a.m. EST



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>

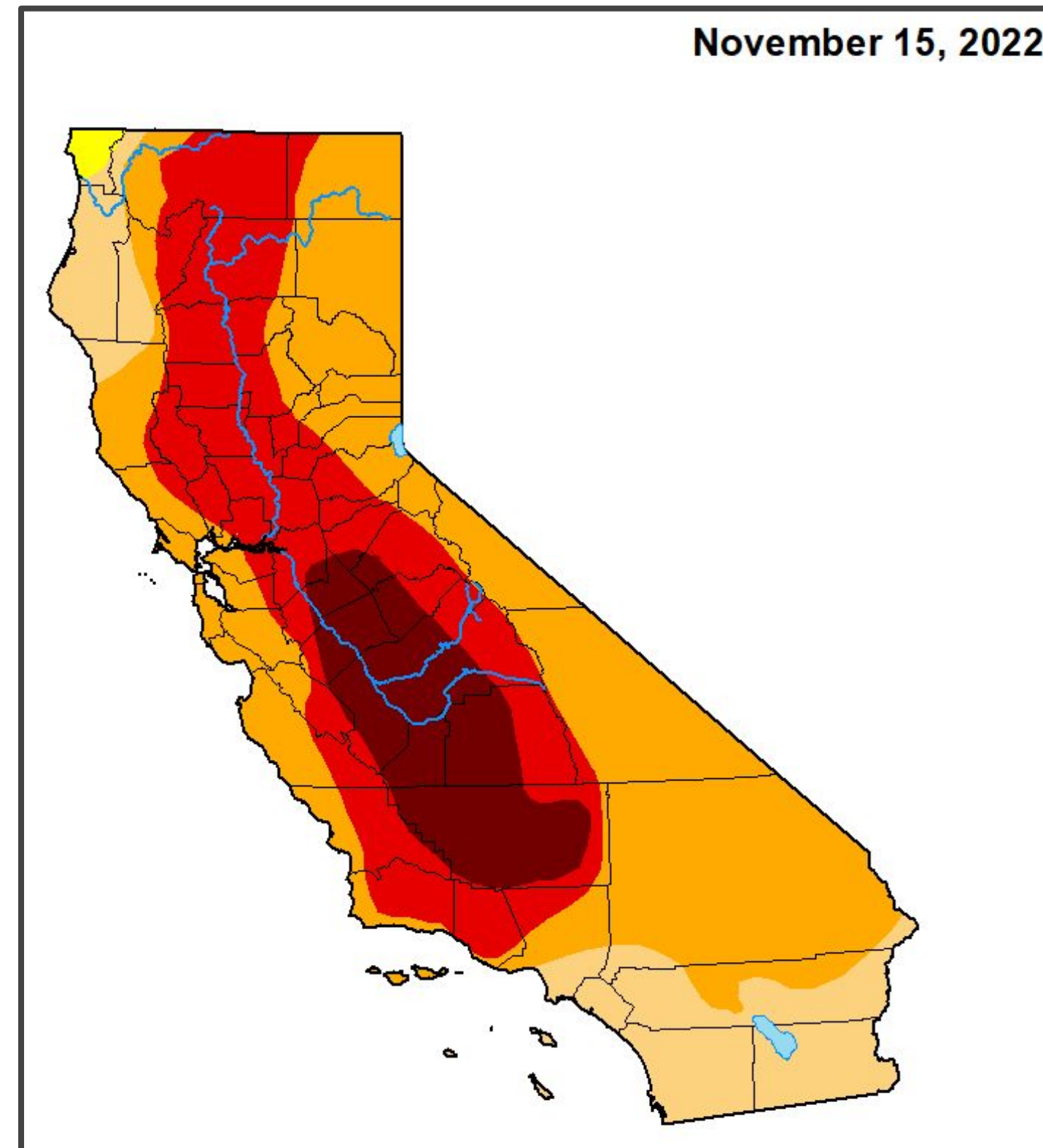
Author:

Brad Rippey
U.S. Department of Agriculture

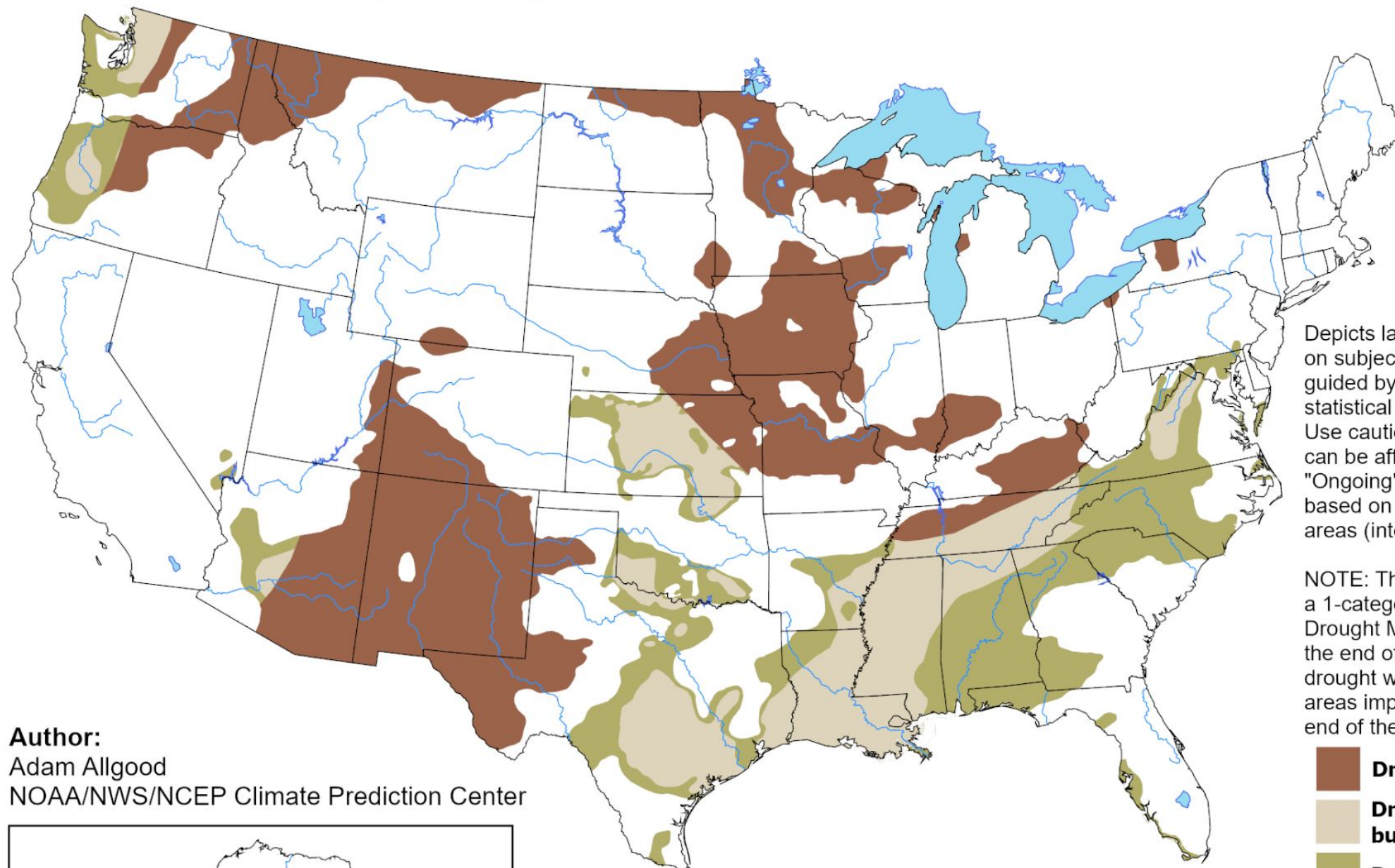


droughtmonitor.unl.edu

November 15, 2022



U.S. Seasonal Drought Outlook Valid for November 16, 2023 - February 29, 2024 Drought Tendency During the Valid Period Released November 16, 2023

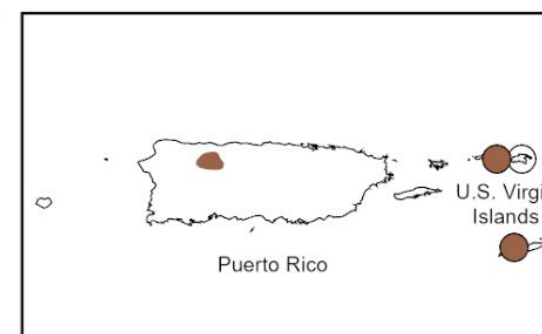
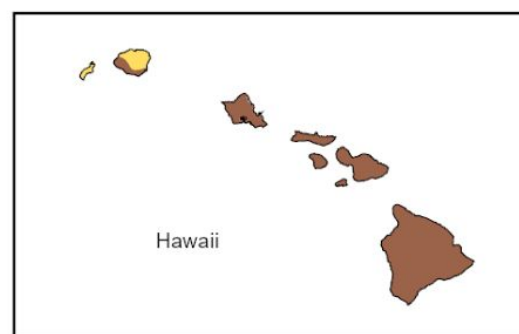


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

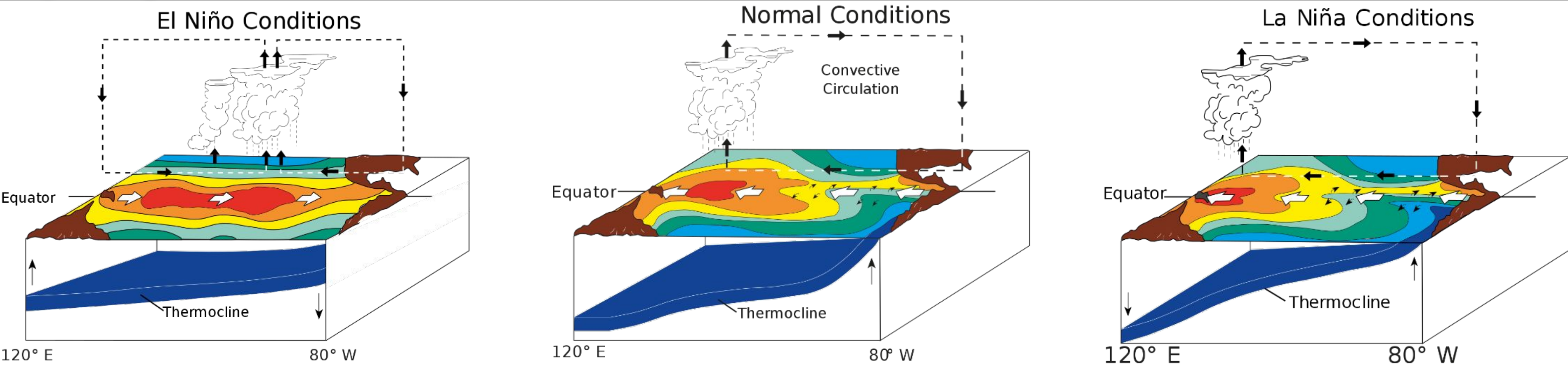
Author:
 Adam Allgood
 NOAA/NWS/NCEP Climate Prediction Center

- Drought persists**
- Drought remains, but improves**
- Drought removal likely**
- Drought development likely**
- No drought**



<https://go.usa.gov/3eZ73>

El Niño Southern Oscillation (ENSO)

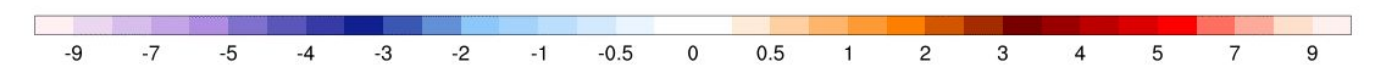
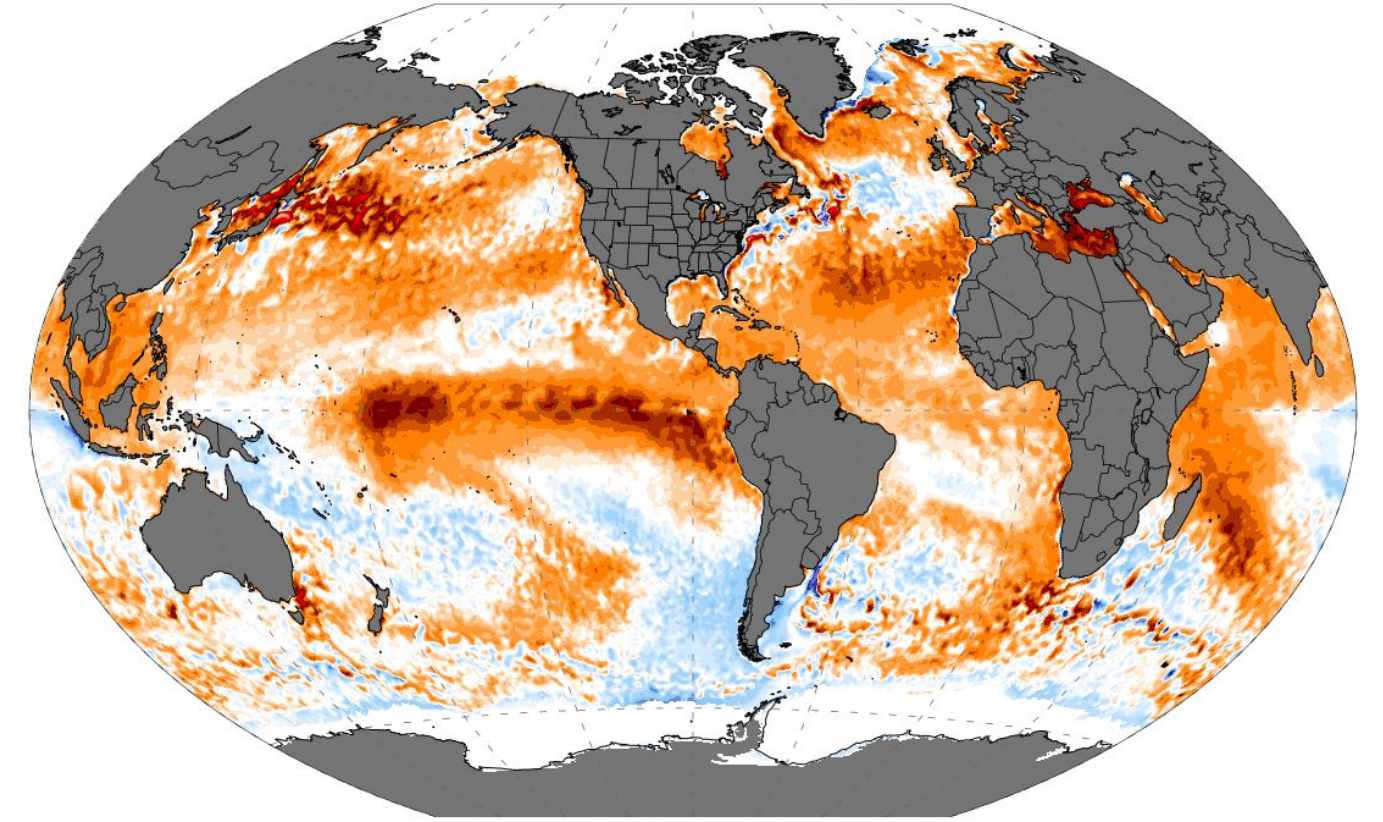
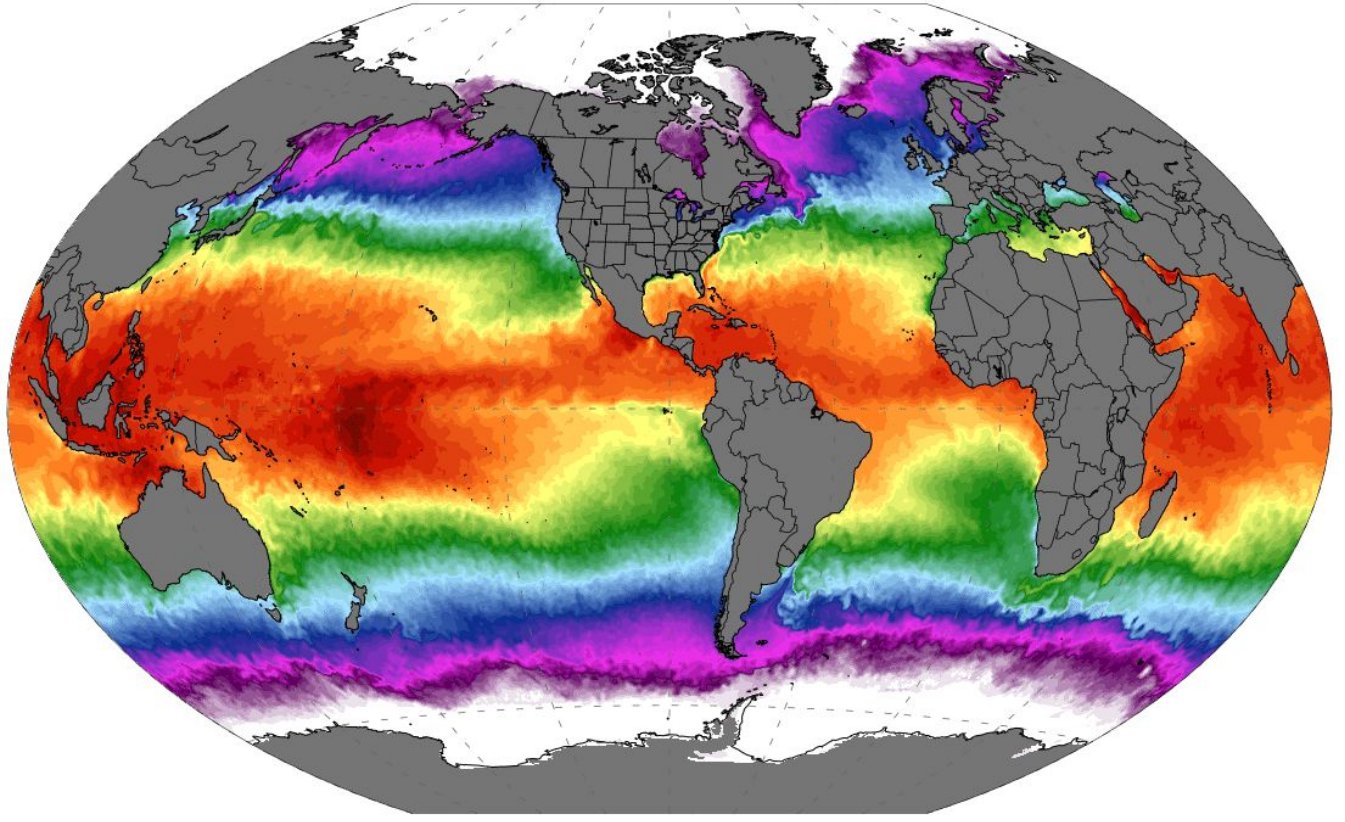


NOAA OISST V2.1 Sea Surface Temperature (°C)
 Tue, Nov 14, 2023 | preliminary

ClimateReanalyzer.org
 Climate Change Institute | University of Maine

NOAA OISST V2.1 SST Anomaly (°C) [1971-2000 baseline]
 Tue, Nov 14, 2023 | preliminary

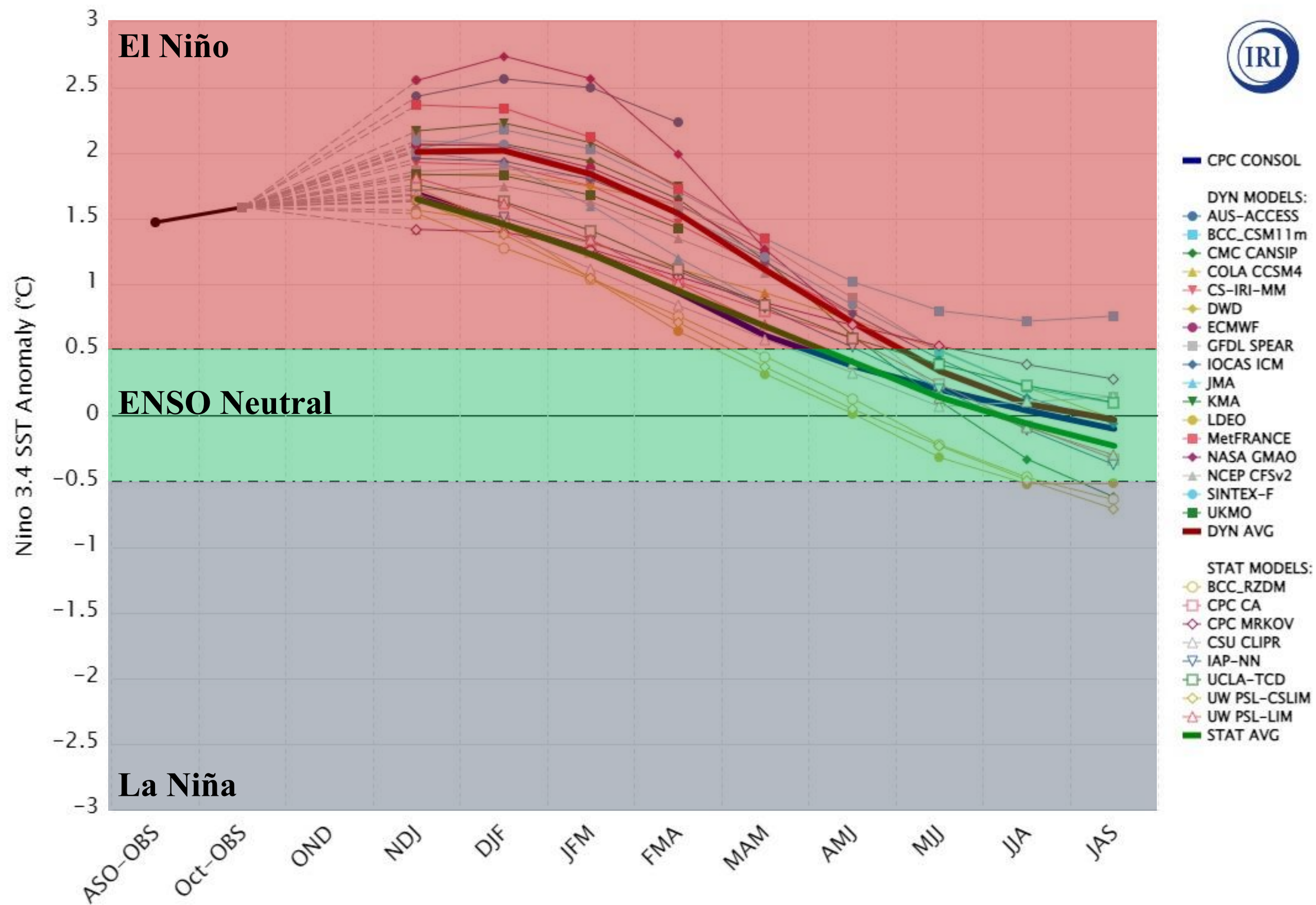
ClimateReanalyzer.org
 Climate Change Institute | University of Maine





El Niño Southern Oscillation (ENSO)

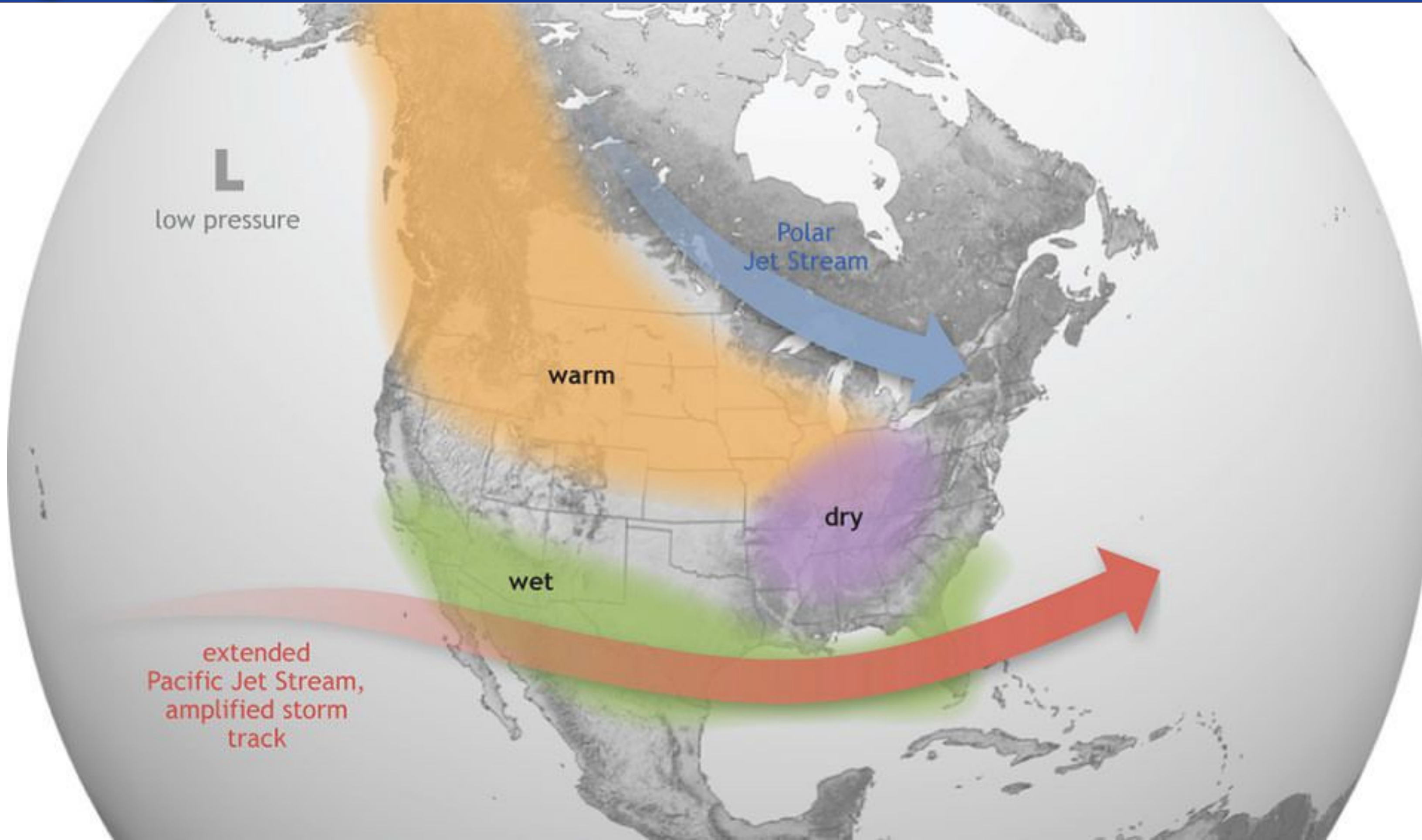
Model Predictions of ENSO from Nov 2023





El Niño Southern Oscillation (ENSO)

Weather Forecast Office
Monterey, CA
Saturday, November 18



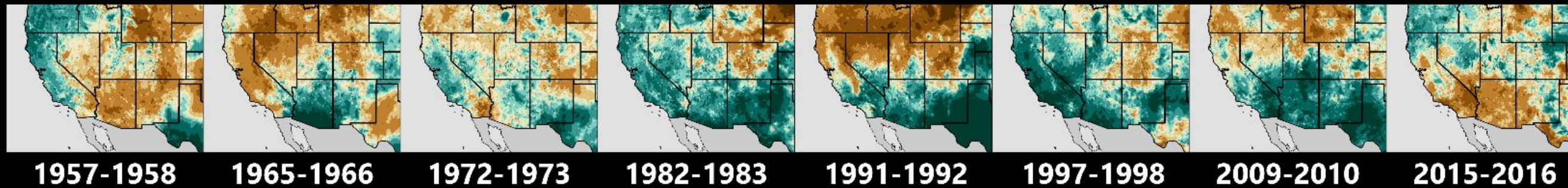


El Niño Southern Oscillation (ENSO)

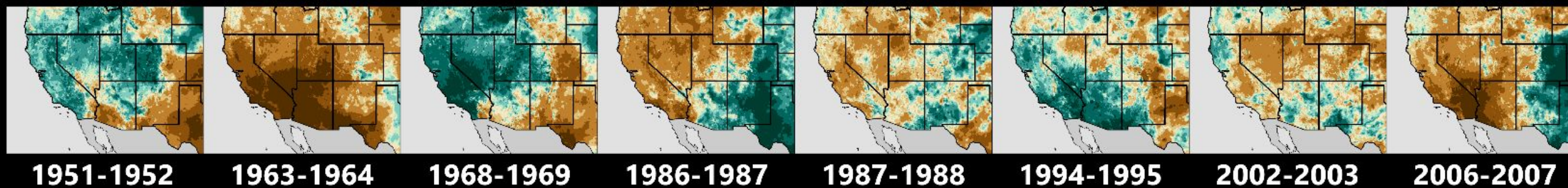
Weather Forecast Office
Monterey, CA
Saturday, November 18

EL NIÑO EVENTS (DJF): PRECIPITATION

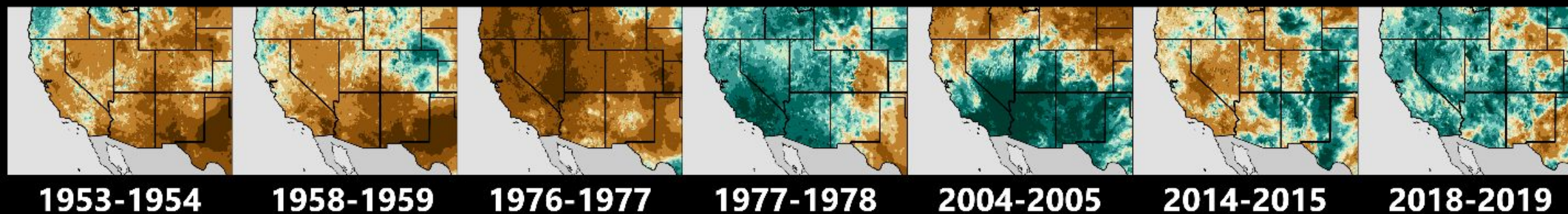
STRONG



MODERATE



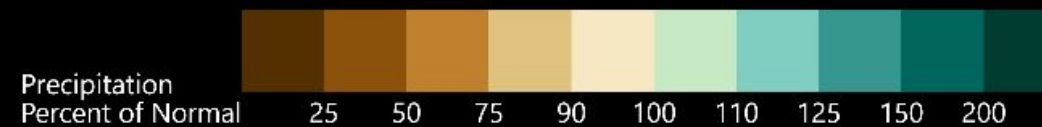
WEAK



Data: PRISM, Oregon State University



NATIONAL WEATHER SERVICE
NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION





Winter 2023 / 2024 Outlook

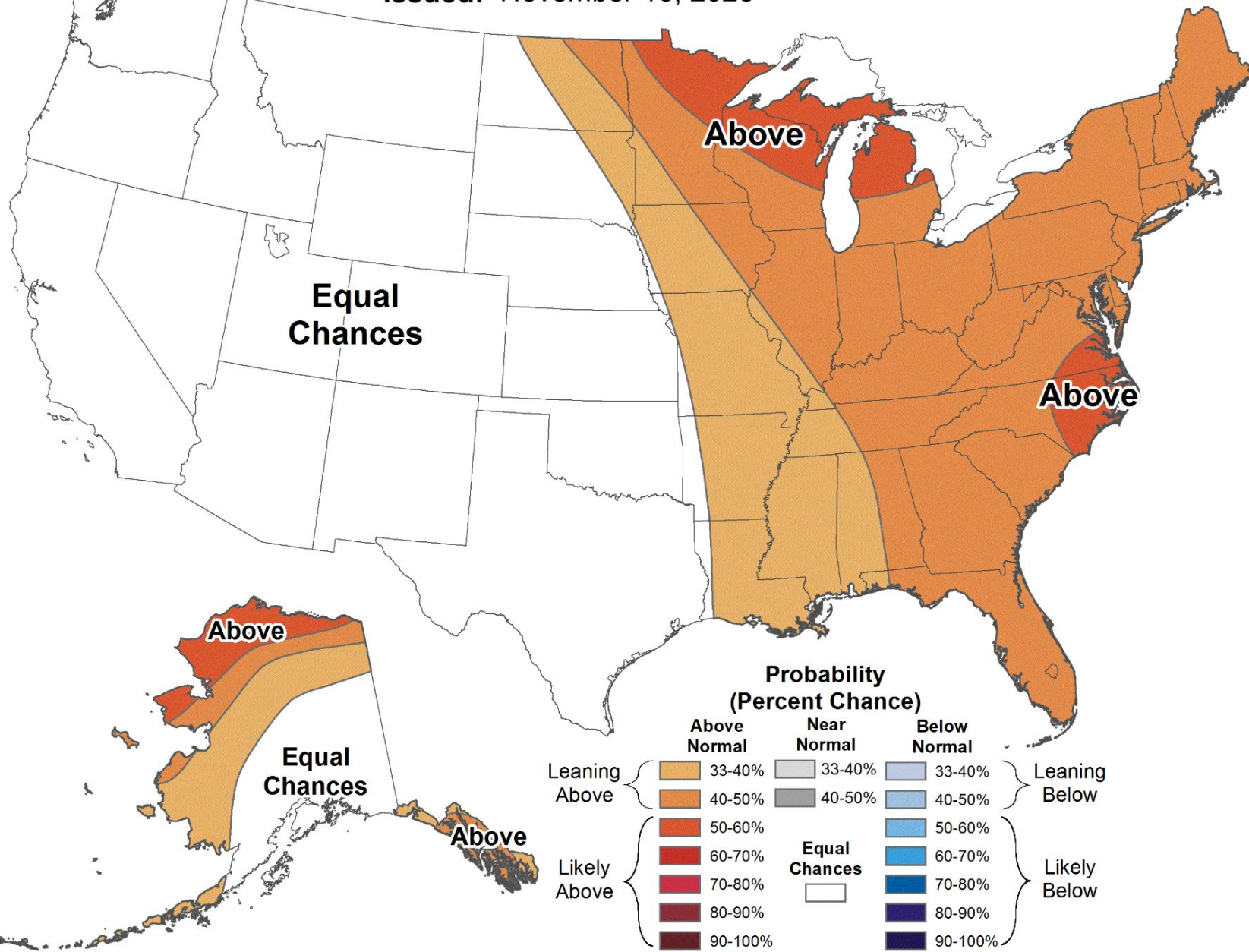
Weather Forecast Office
Monterey, CA
Saturday, November 18



Monthly Temperature Outlook



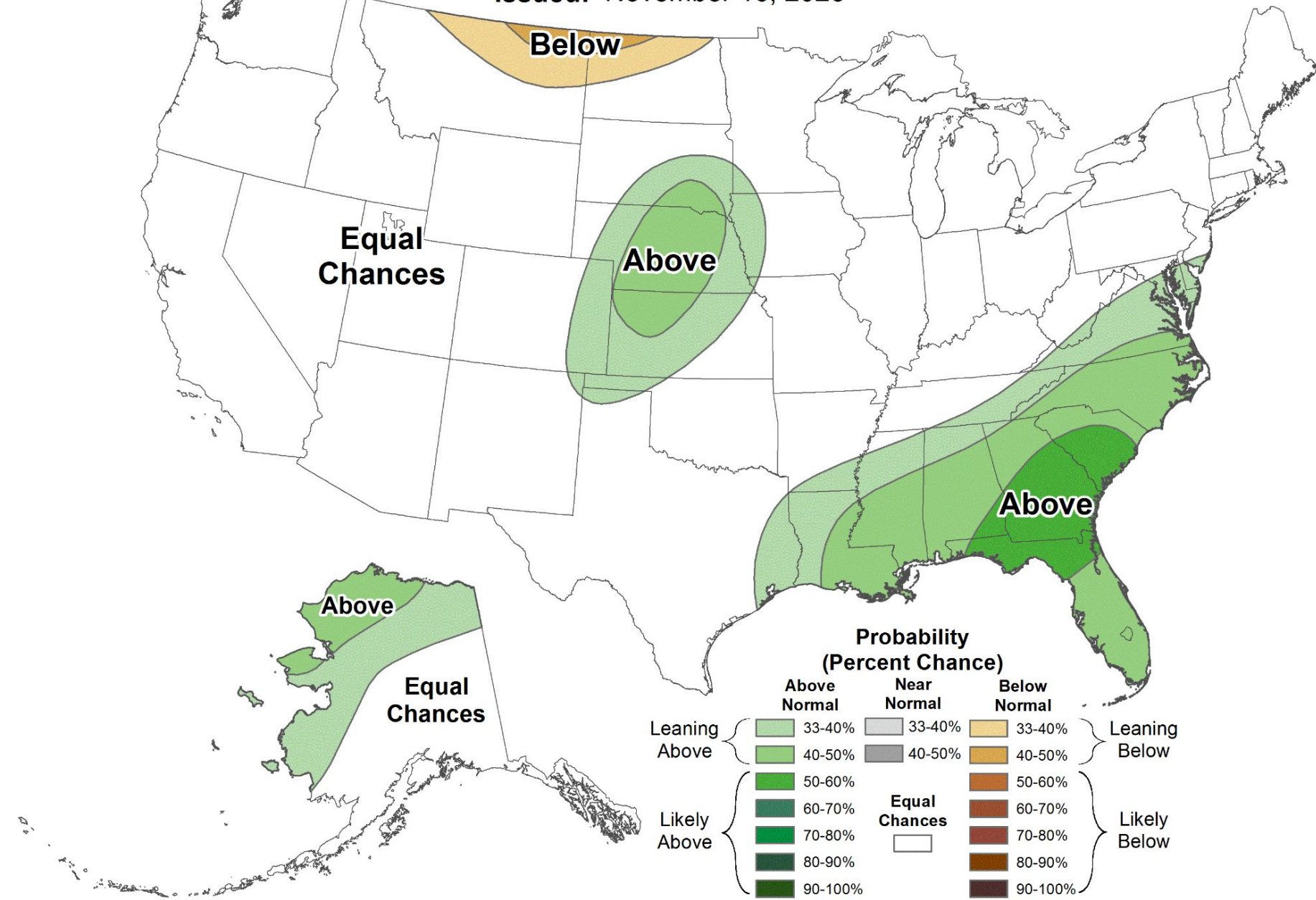
Valid: December 2023
Issued: November 16, 2023



Monthly Precipitation Outlook



Valid: December 2023
Issued: November 16, 2023

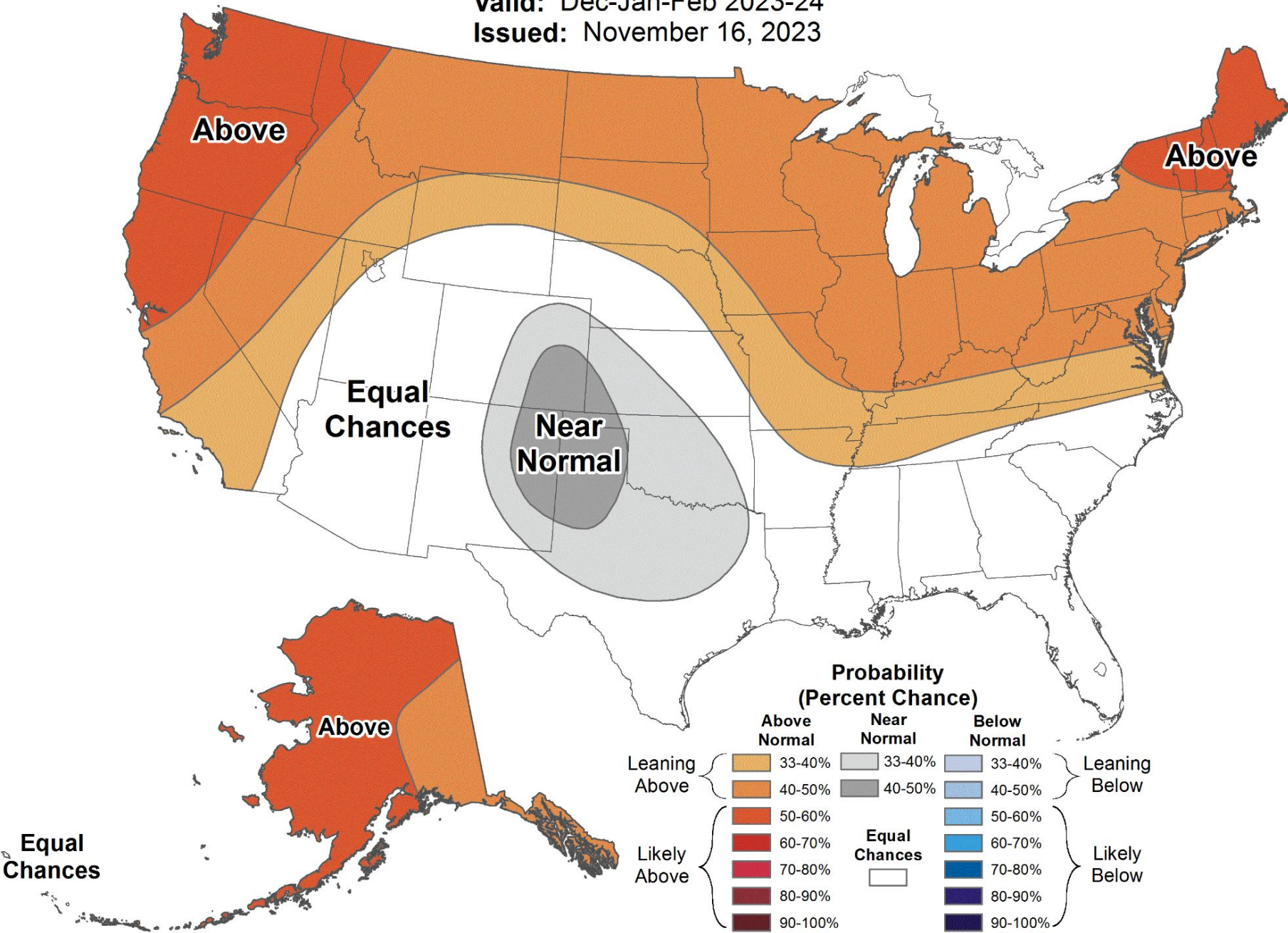




Seasonal Temperature Outlook



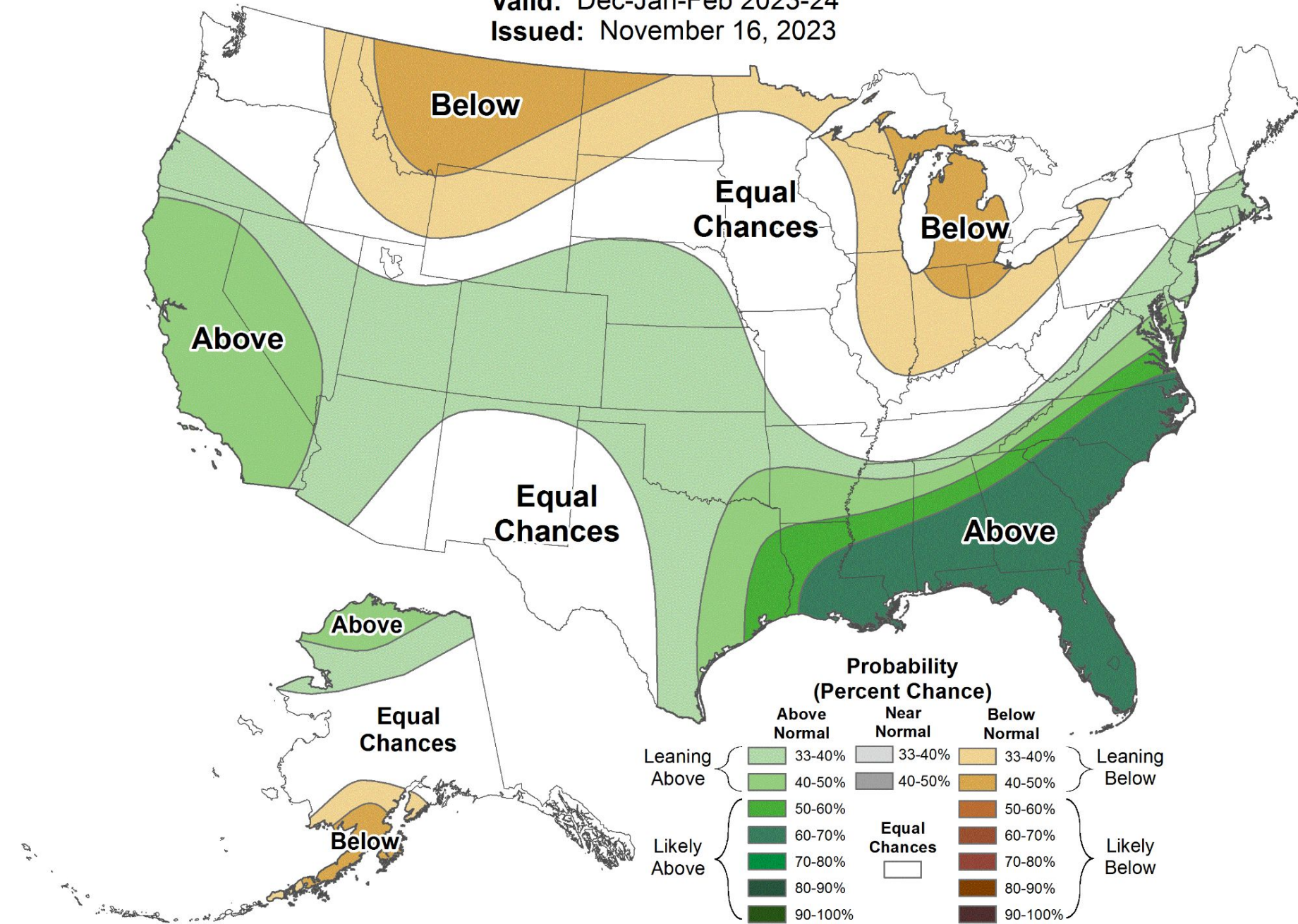
Valid: Dec-Jan-Feb 2023-24
Issued: November 16, 2023



Seasonal Precipitation Outlook



Valid: Dec-Jan-Feb 2023-24
Issued: November 16, 2023

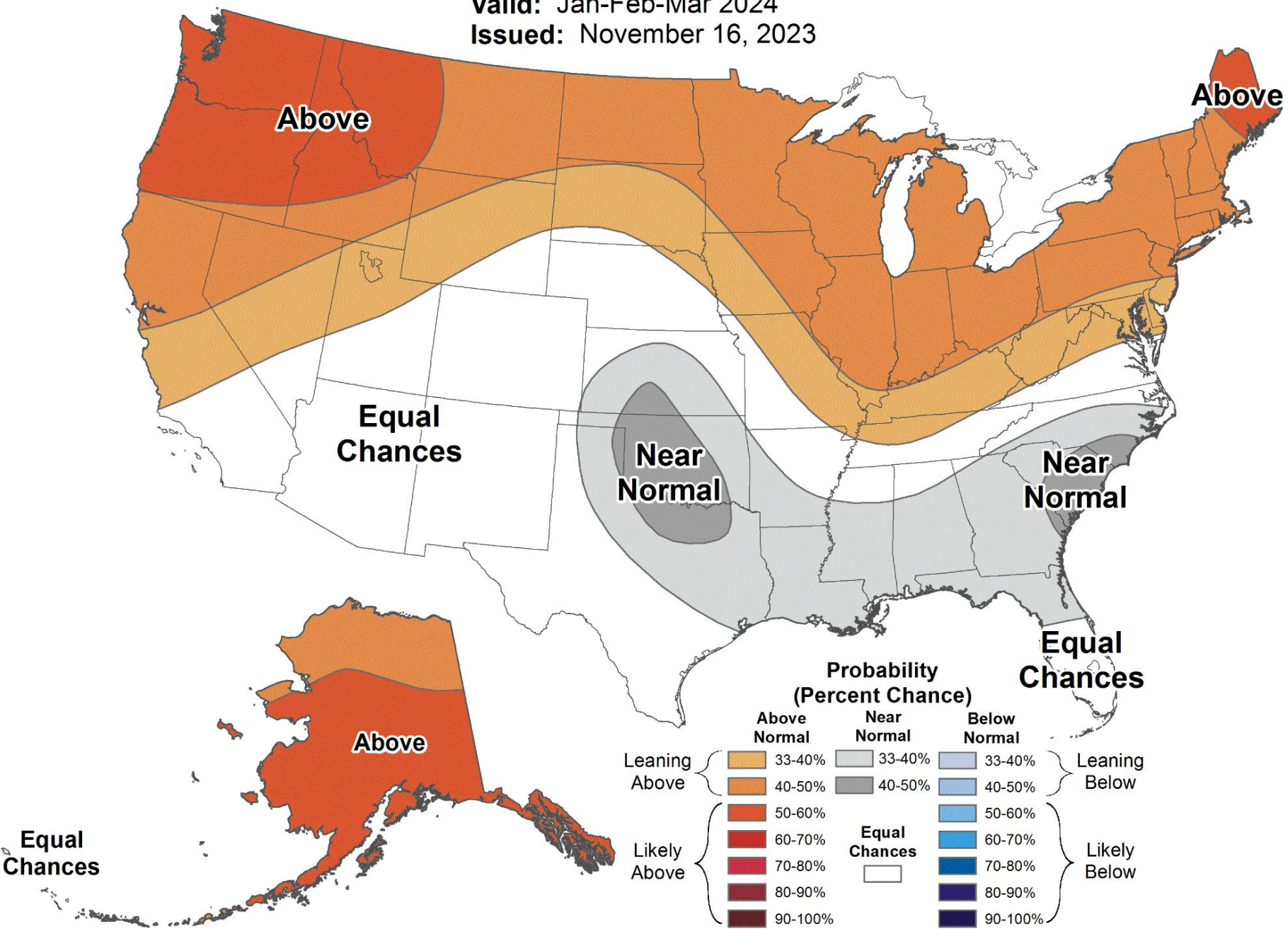




Seasonal Temperature Outlook



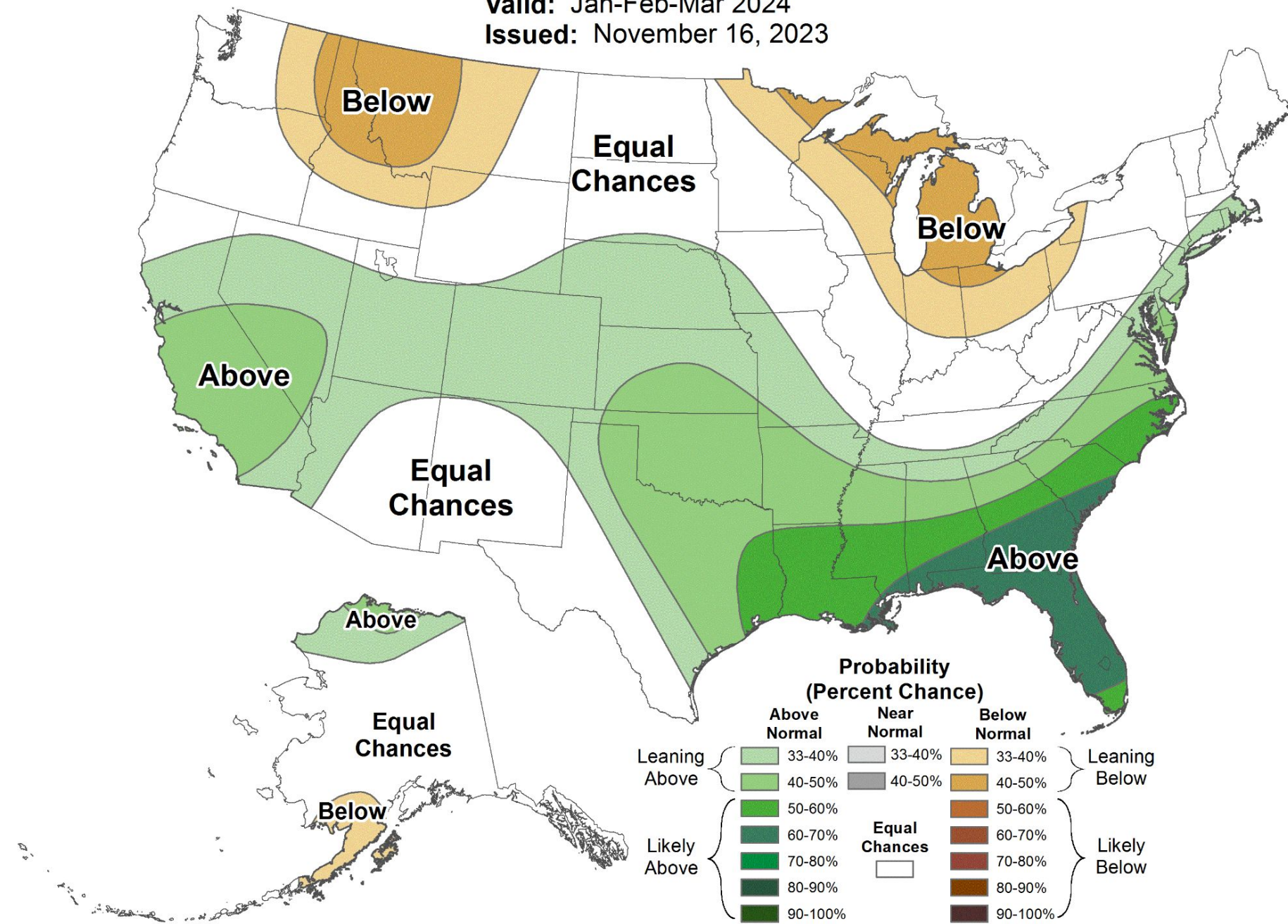
Valid: Jan-Feb-Mar 2024
Issued: November 16, 2023



Seasonal Precipitation Outlook



Valid: Jan-Feb-Mar 2024
Issued: November 16, 2023





Winter 2023 / 2024 Outlook

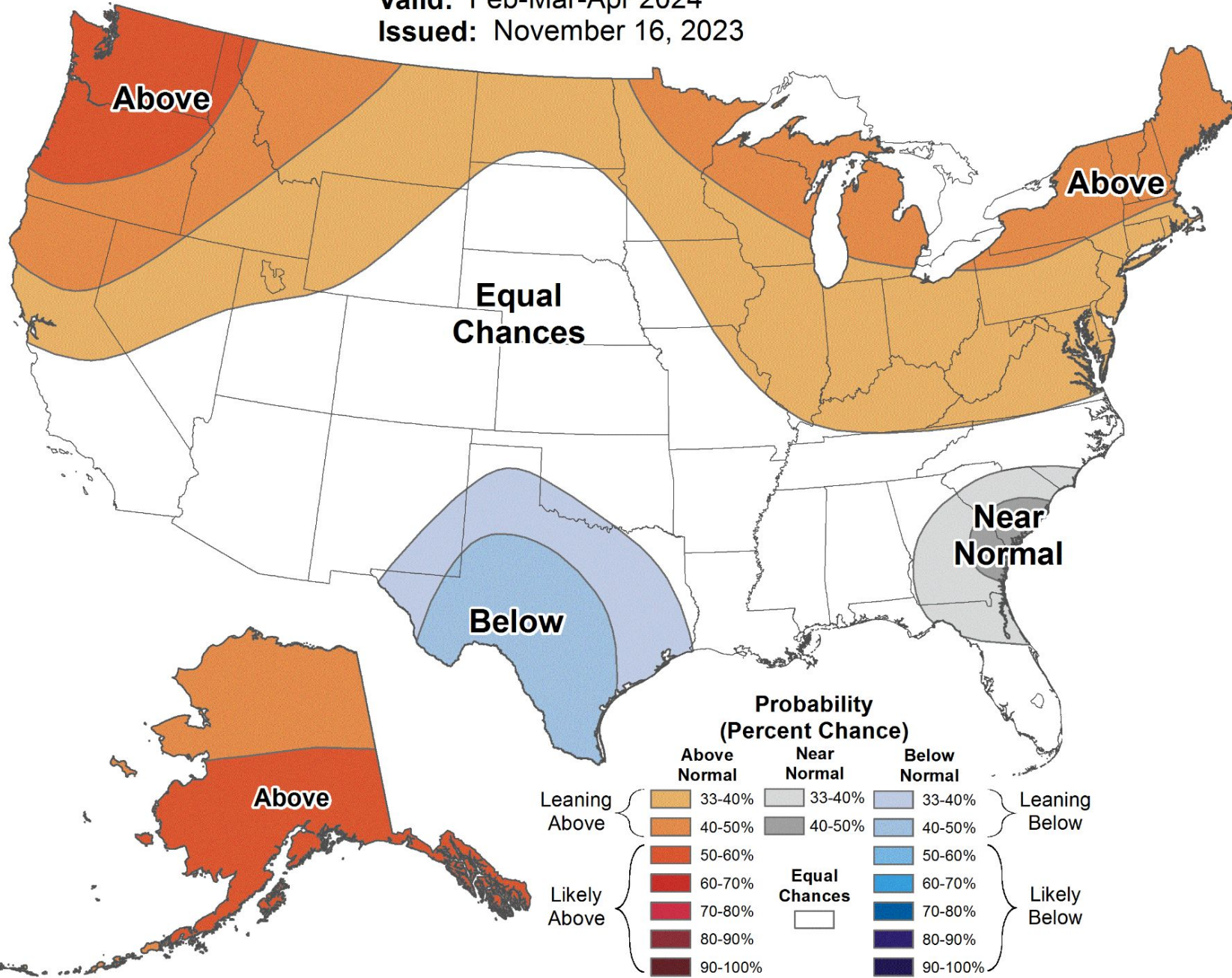
Weather Forecast Office
Monterey, CA
Saturday, November 18



Seasonal Temperature Outlook



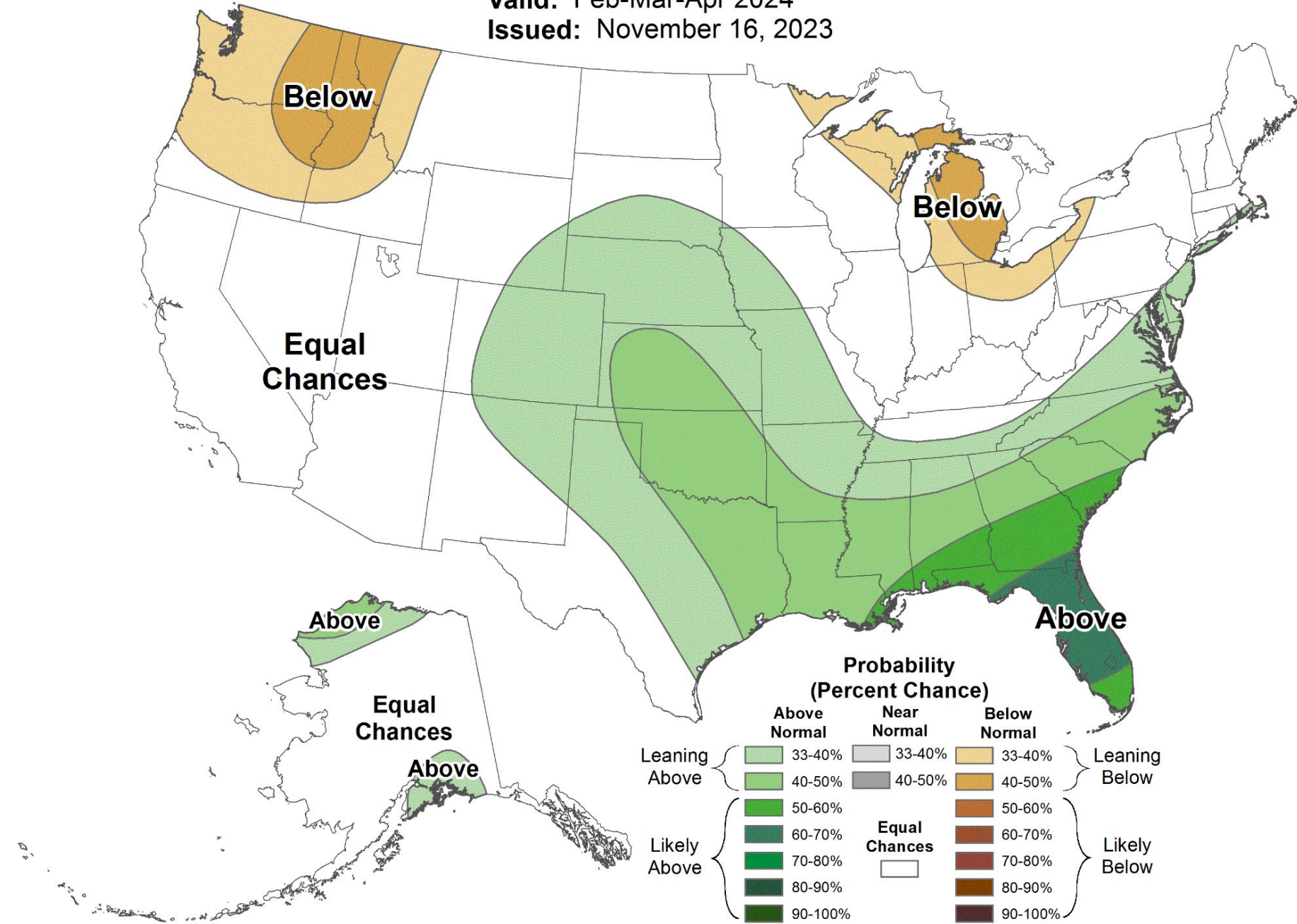
Valid: Feb-Mar-Apr 2024
Issued: November 16, 2023



Seasonal Precipitation Outlook



Valid: Feb-Mar-Apr 2024
Issued: November 16, 2023





Winter 2023 / 2024 Outlook

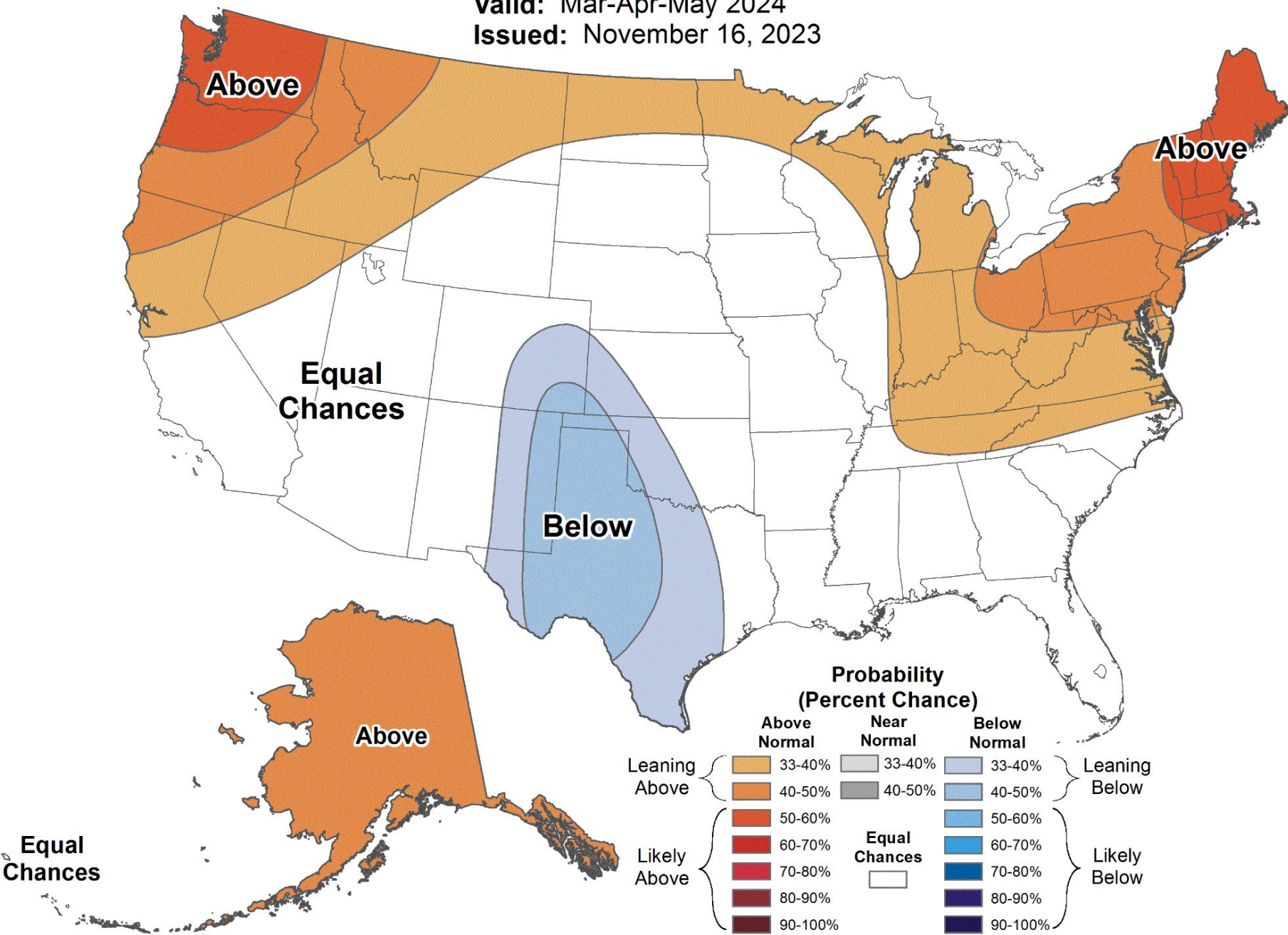
Weather Forecast Office
Monterey, CA
Saturday, November 18



Seasonal Temperature Outlook



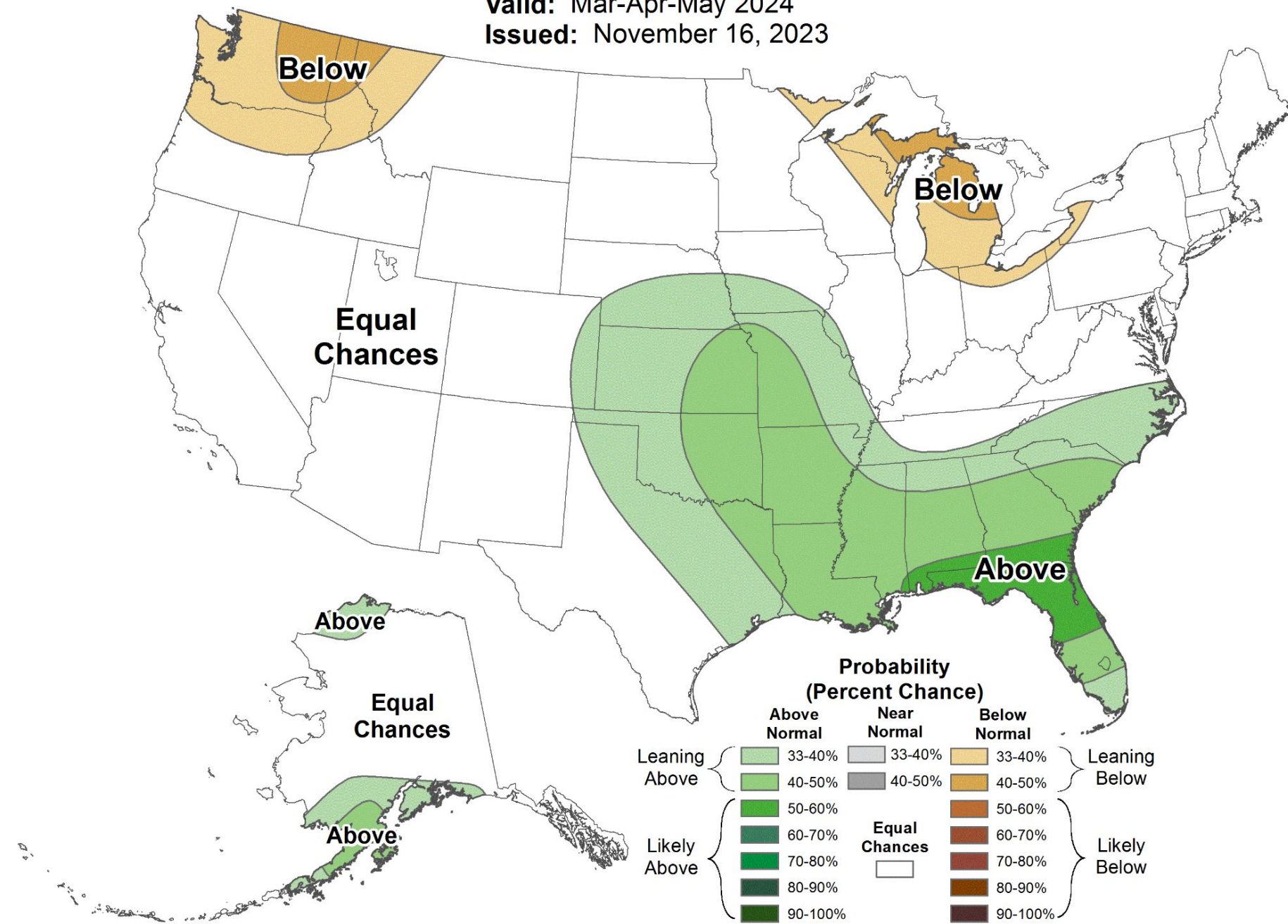
Valid: Mar-Apr-May 2024
Issued: November 16, 2023



Seasonal Precipitation Outlook



Valid: Mar-Apr-May 2024
Issued: November 16, 2023





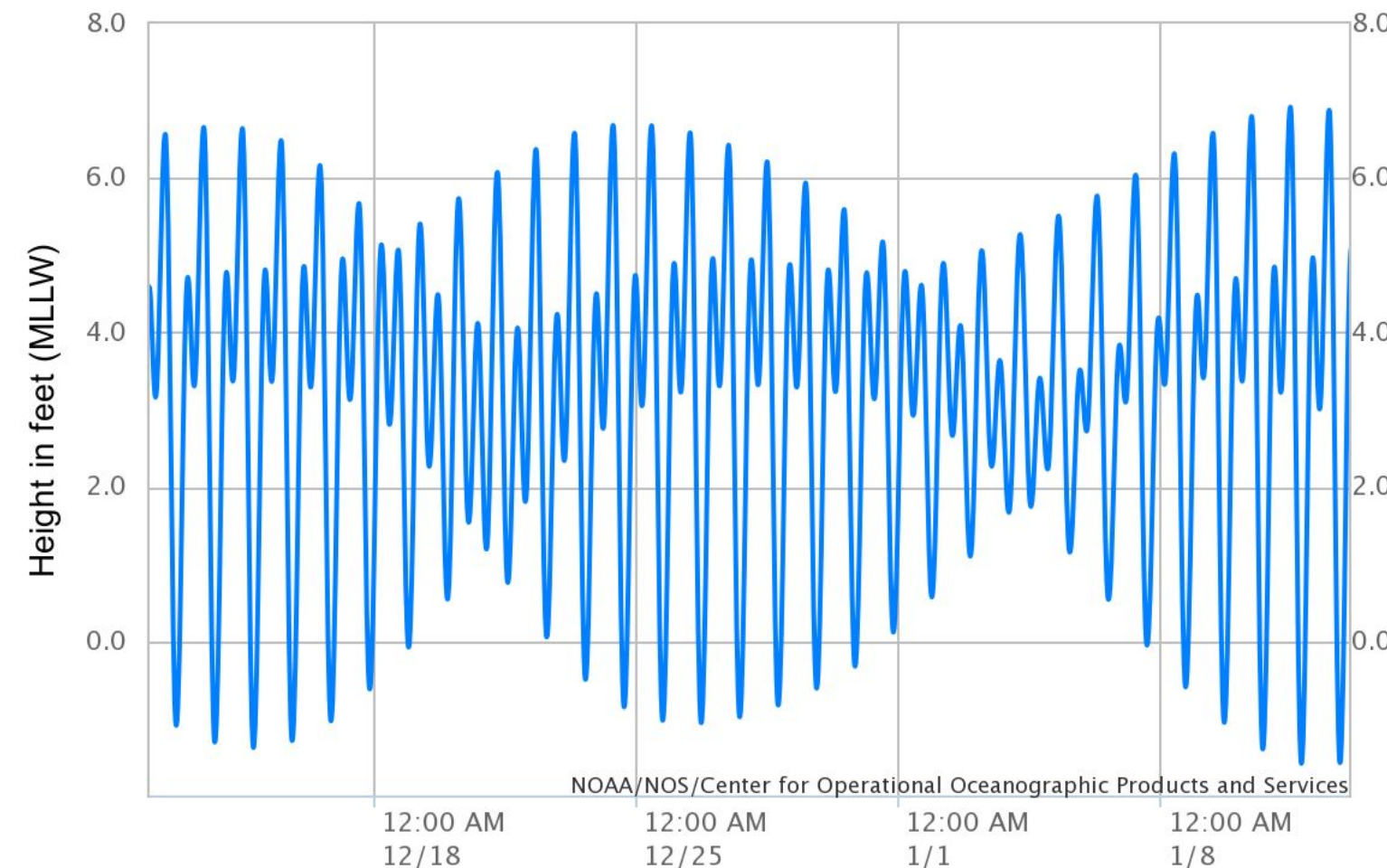
CalCoastal Commission

Hwy 101 Sausalito

Impacts

- Main impacts will occur along the immediate coast and bay front, as well as coastal marshes and sloughs
- People visiting beaches may lose entry/exit to coves and narrow beaches
- Mariners may experience issues with shallow water at low tides

NOAA/NOS/CO-OPS
 Tide Predictions at 9414290, San Francisco CA
 From 2023/12/12 12:00 AM LST/LDT to 2024/01/12 11:59 PM LST/LDT



King Tides Return

- December - around Christmas
- January - 10th thru 13th



Other Winter Threats: Dangerous Surf

Weather Forecast Office
Monterey, CA
Saturday, November 18



Santa Cruz Local

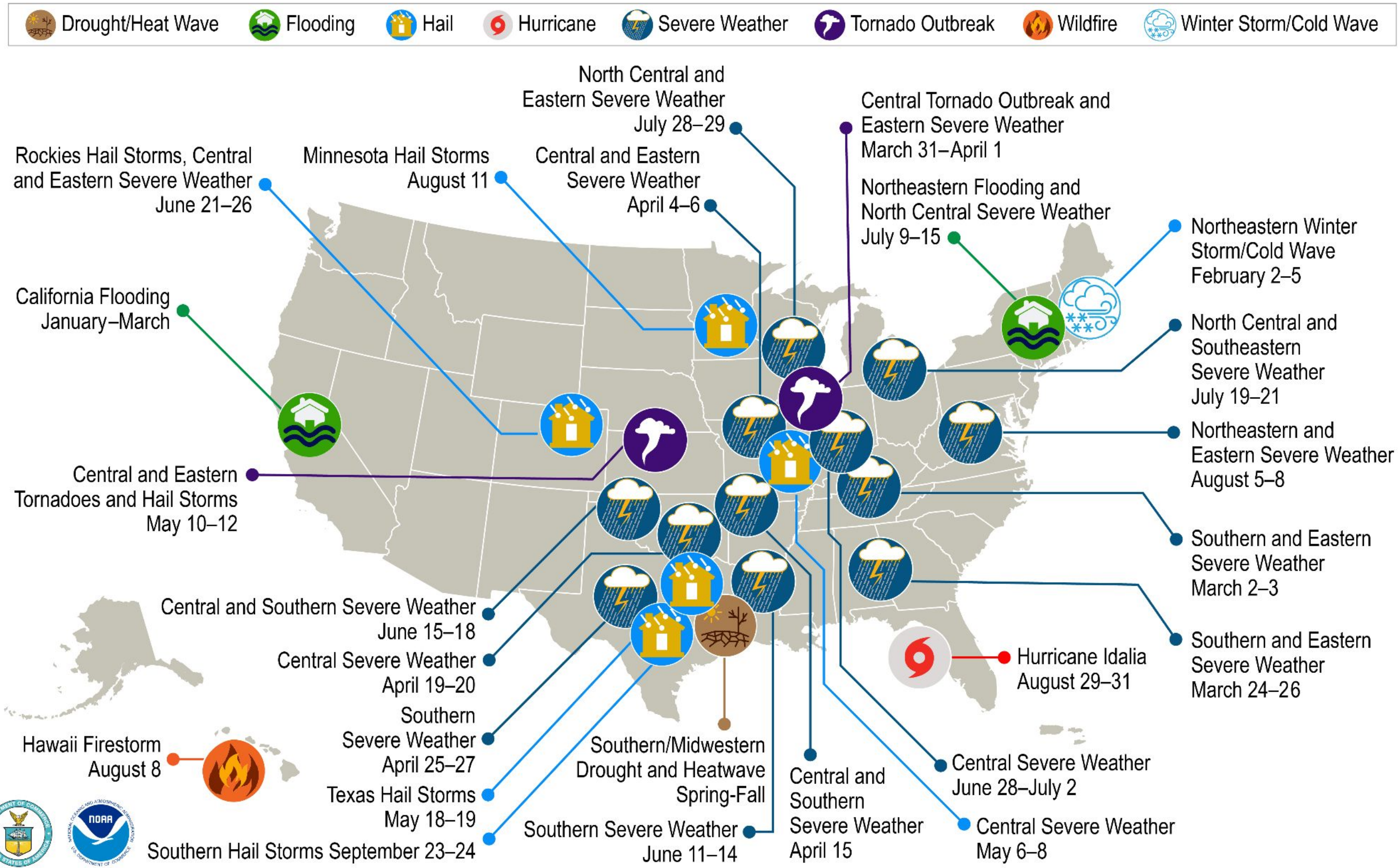


- Low lying area near lagoons, bays, and open ocean at greatest risk
- High surf and storm surge exacerbate
- High tides can exacerbate
- Excessive rainfall at high tide can yield a deformation zone at river mouths



Climate: Billion Dollar Disasters 2023 (so far)

U.S. 2023 Billion-Dollar Weather and Climate Disasters



This map denotes the approximate location for each of the 25 separate billion-dollar weather and climate disasters that impacted the United States through October 2023.



Resources - email briefings



National Weather Service
National Oceanic and Atmospheric Administration

Weather Forecast Office
Bay Area
Saturday, Nov 4, 2023

Increasing Confidence for Widespread Wetting Rain Sunday-Monday; Colder Temperatures Midweek

Hello partners! An unsettled weather pattern will bring a few rounds of rain to the Bay Area and Central Coast. The first round of rain starts this evening across the North Bay, spreading south through Sunday. Another round of rain follows shortly behind arriving late Sunday into Monday. Lingering showers into Tuesday. By midweek, cold air will funnel in, resulting in cooler nights. Patchy frost will be possible for the N Bay valleys and southern Monterey and San Benito counties midweek.

KEY POINTS

- Rain will arrive to the North Bay this evening and will spread south tonight into Sunday.
- More rain arrives late Sunday into the North Bay, spreading south again into Monday.
- Cold air will funnel into the area midweek, bringing colder temperatures across the region. Colder morning temperatures expected with potential for patchy frost in the N Bay Valleys and southern Monterey/San Benito counties.
- More rain possible at the end of the week.

CHANGES FROM PREVIOUS BRIEFING

First issuance

WEATHER RISK OUTLOOK

Risk levels incorporate potential impacts from weather hazards and likelihood of occurrence for a reasonable worse case scenario.

	Sat 11/4	Sun 11/5	Mon 11/6	Tue 11/7	Wed 11/8	Thu 11/9	Fri 11/10
North Bay Santa Rosa, Napa, San Rafael	Rain	Rain	Rain	Light Rain	Cold	Rain Cold	Light Rain
Rest of SF Bay Area		Rain	Rain	Light Rain	Cold	Light Rain Cold	Light Rain
Santa Cruz County Santa Cruz, Boulder Creek, Corralitos		Rain	Rain	Light Rain	Cold	Cold	Light Rain
Monterey & San Benito County		Rain	Rain	Light Rain	Cold	Cold	Light Rain Cold

Risk Levels Little to None Minor Moderate Major Extreme



Resources - iNWS

[Home](#) [News](#) [FAQ](#) [Feedback](#)

[Log in](#) [Register](#) [Reset password](#)



iNWS - Interactive NWS

National Weather Service Mobile Decision Support Services (MDSS)

iNWS MOBILE ALERTING

Receive customized text message and e-mail alerts for National Weather Service products that you care about.



Welcome

InteractiveNWS (iNWS) is the home of new mobile and desktop innovations of the National Weather Service. This application suite allows NWS partners to receive National Weather Service products in new and innovative ways, such as text messaging and mobile-enabled webpages. iNWS strives to fulfill our mission of protecting life and property by using technology to reach out to our customers.

Recent News

Note: If you are receiving alerts, but never signed up for them, they may be coming from a new FEMA public system called the Wireless Emergency Alerts (WEA). More information can be found at [Wireless Emergency Alerts Consumer Guide](#)

iNWS is an experimental service intended for NWS core partners: emergency managers, community leaders, other government agencies and the electronic media.



Resources - webpages



NATIONAL WEATHER SERVICE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER SAFETY INFORMATION EDUCATION NEWS SEARCH ABOUT

Local forecast by "City, St" or ZIP code

[Location Help](#)



Tropical System Impacts for the East; Severe Weather and Heavy Rainfall Threats

Heavy rain and dangerous surf conditions up the East Coast are forecast as tropical storm conditions approach late this week and into the weekend. Meanwhile, strong to severe thunderstorms are expected to impact portions of the central U.S. including heavy to excessive rainfall through Saturday. For the Intermountain region, below normal temperatures and some snow for the higher terrain. [Read More >](#)

Customize Your Weather.gov

Enter Your City, ST or ZIP Code

 Remember Me

[Privacy Policy](#)

NWS Forecast Office San Francisco, CA

San Francisco Bay Area, CA

[Weather.gov](#) > San Francisco Bay Area, CA

Weather Forecast Office

- [Current Hazards](#)
- [Current Conditions](#)
- [Radar](#)
- [Forecasts](#)
- [Rivers and Lakes](#)
- [Climate and Past Weather](#)
- [Local Programs](#)

Click a location below for detailed forecast.



Last Map Update: Thu, Sep. 21, 2023 at 8:00:33 pm PDT



Resources - socials



Edit profile

NWS Bay Area 
@NWSBayArea

Official Twitter account for the National Weather Service San Francisco Bay Area.
Details: weather.gov/twitter

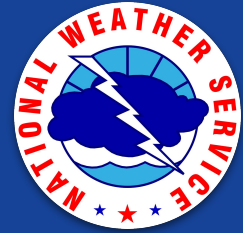
 San Francisco, CA  weather.gov/sanfrancisco/  Born February 9, 1900
 Joined June 2012

639 Following 145.1K Followers

Social Media

@NWSBayArea

- Facebook
- Twitter (X)
- Youtube
- Slack



Be Ready for Anything

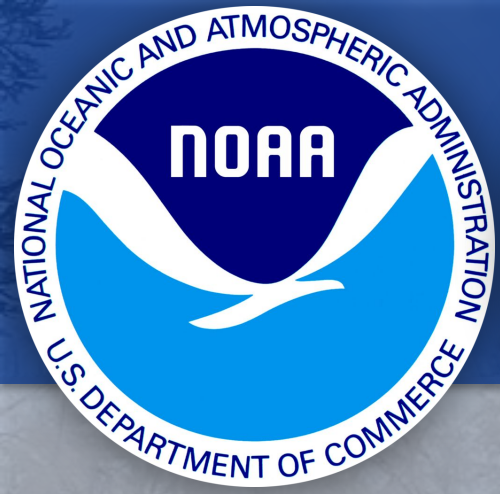
Weather Forecast Office
Monterey, CA
Saturday, November 18



Mercury News



NWS Bay Area



Winter Season 2023/2024

Seasonal Briefing - Update

National Weather Service SF Bay Area / Monterey Bay regions

Weather Forecast Office

Monterey, CA

Saturday, November 18

