



National Weather Service Winter Outlook 2021/2022

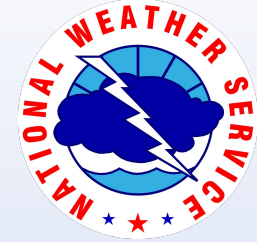


ABC7

Meteorologist – Roger Gass

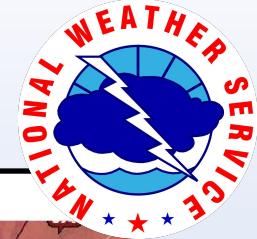


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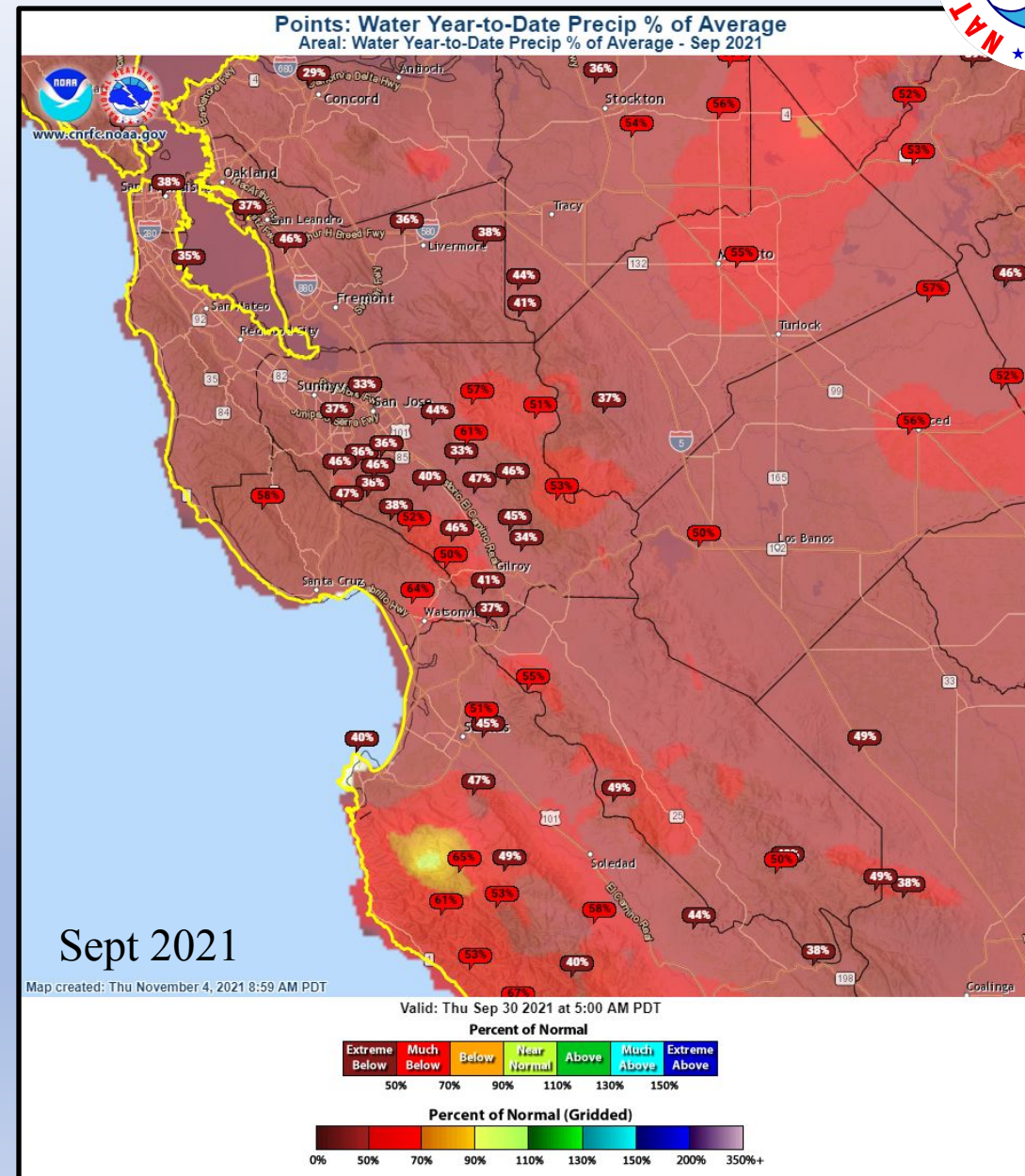
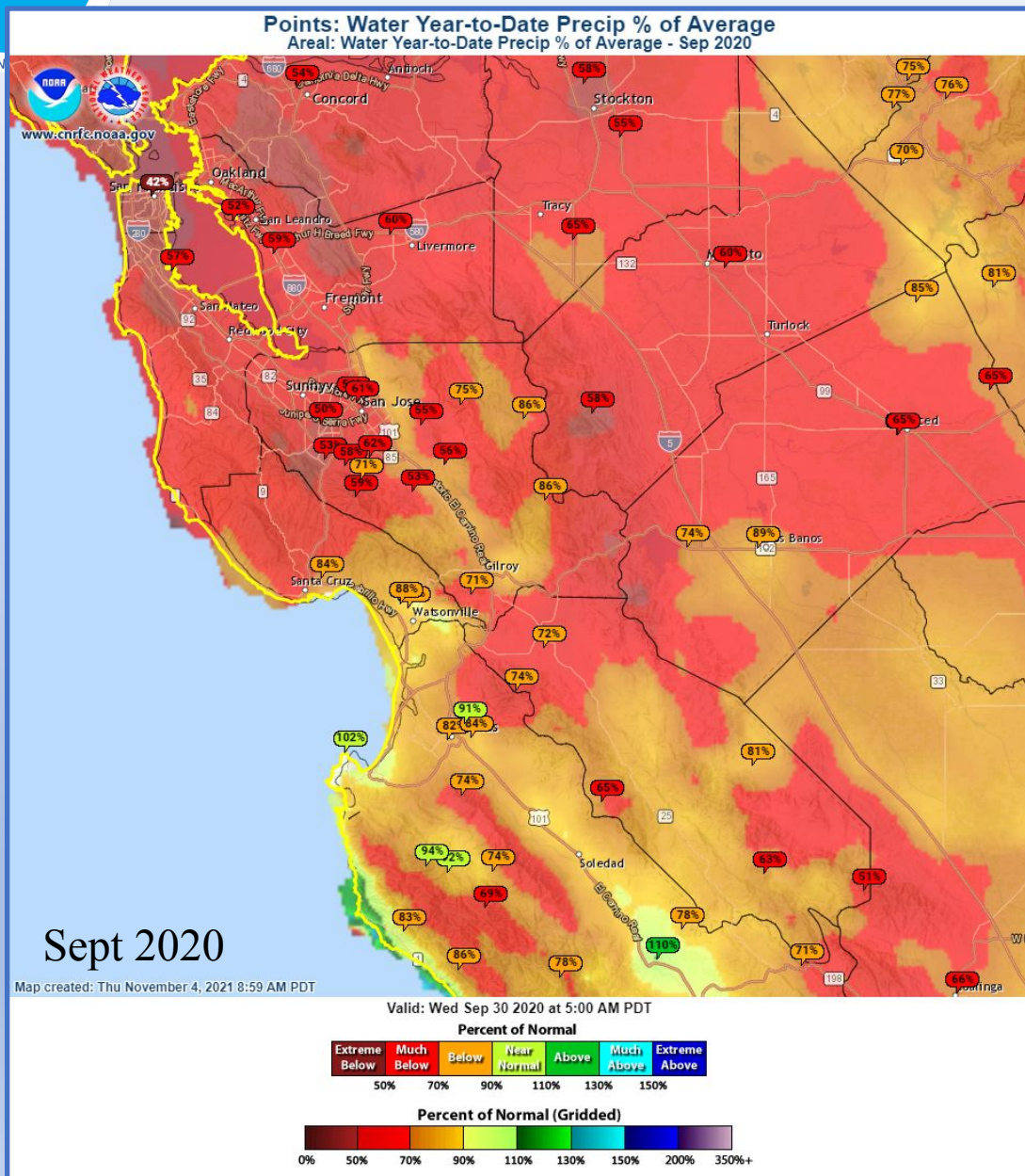


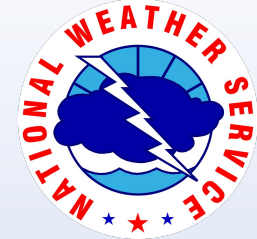
Topics

- Winter 2020 / 2021
- Drought – current and forecast
- Burn Scars
- Winter Outlook
- Tools to Use



Water Year's 2020 and 2021

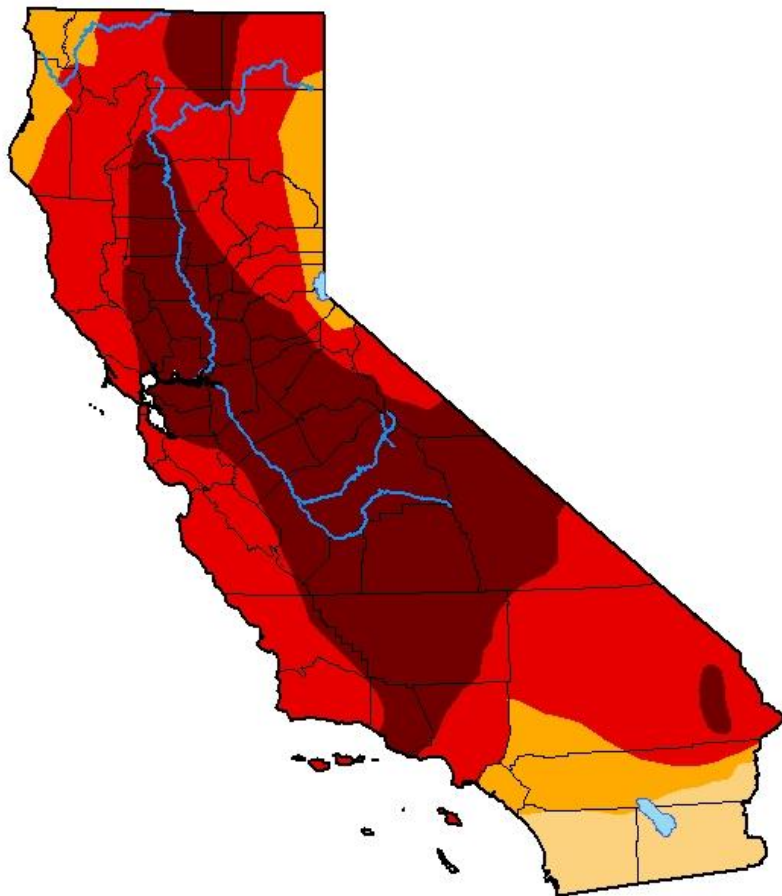




Drought: Current

U.S. Drought Monitor California

November 2, 2021
(Released Thursday, Nov. 4, 2021)
Valid 8 a.m. EDT



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>

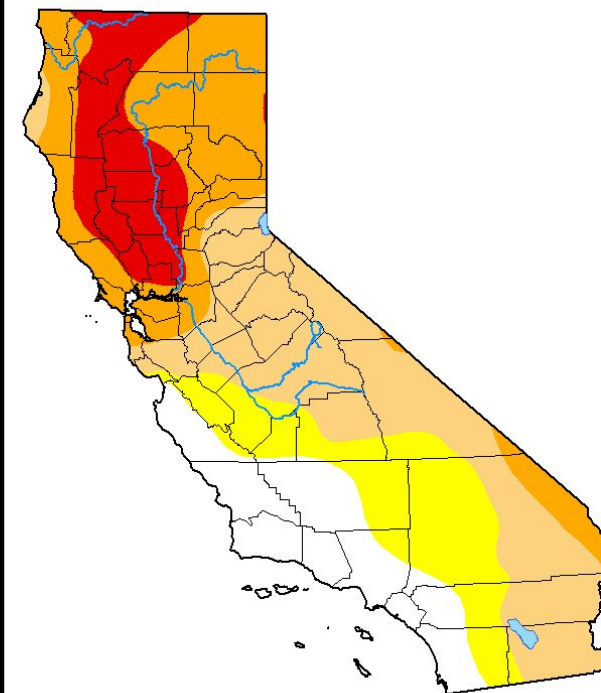
Author:

Adam Hartman
NOAA/NWS/NCEP/CPC



droughtmonitor.unl.edu

November 3, 2020

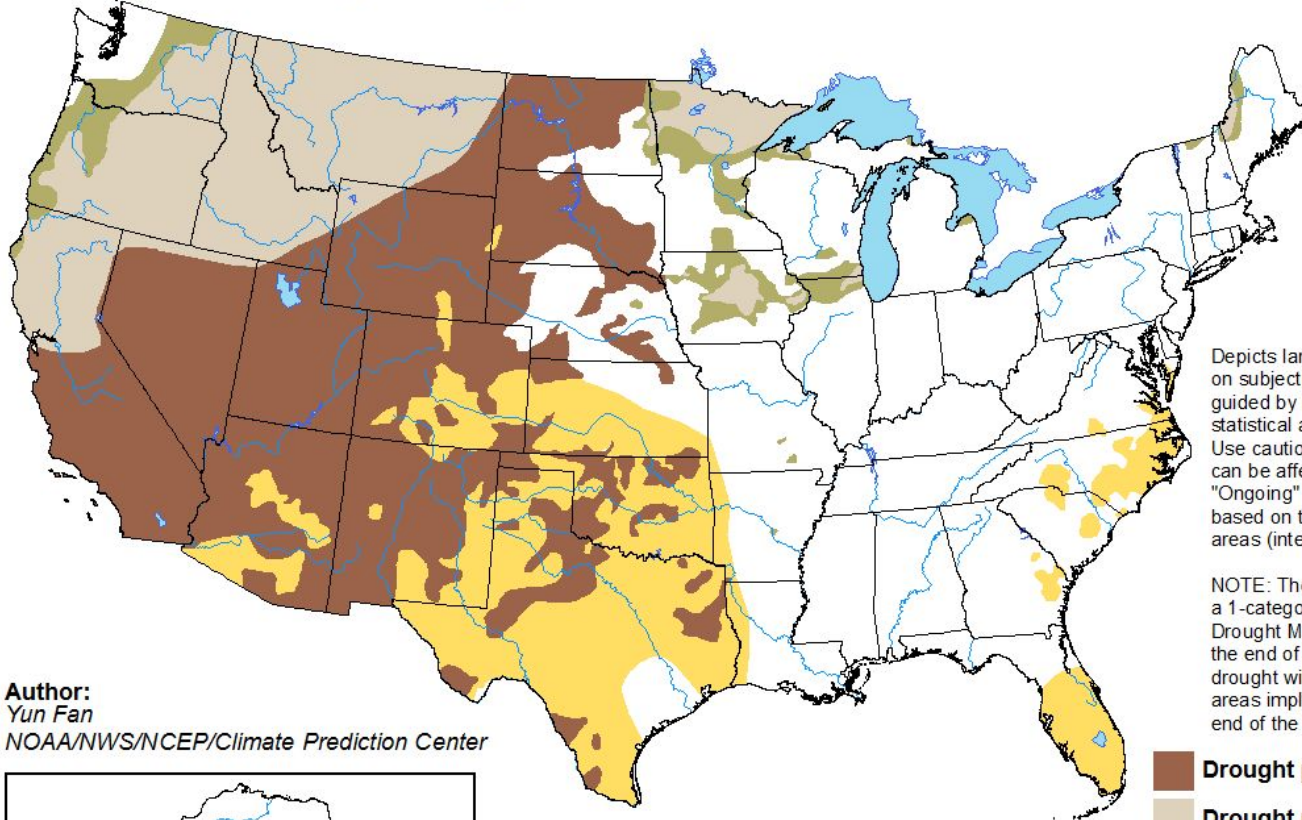




Drought: Forecast

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


Valid for October 21, 2021 - January 31, 2022
Released October 21, 2021

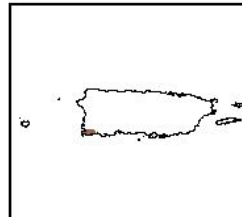
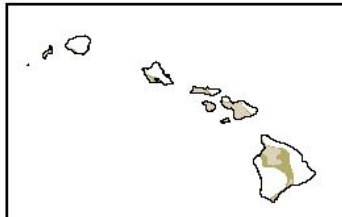
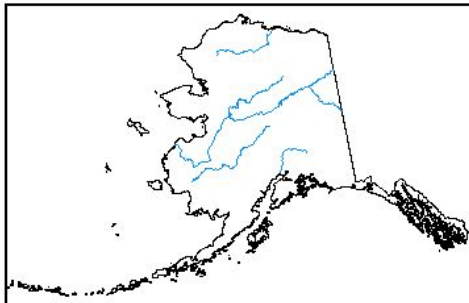


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to 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:
Yun Fan
NOAA/NWS/NCEP/Climate Prediction Center

-  Drought persists
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely



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



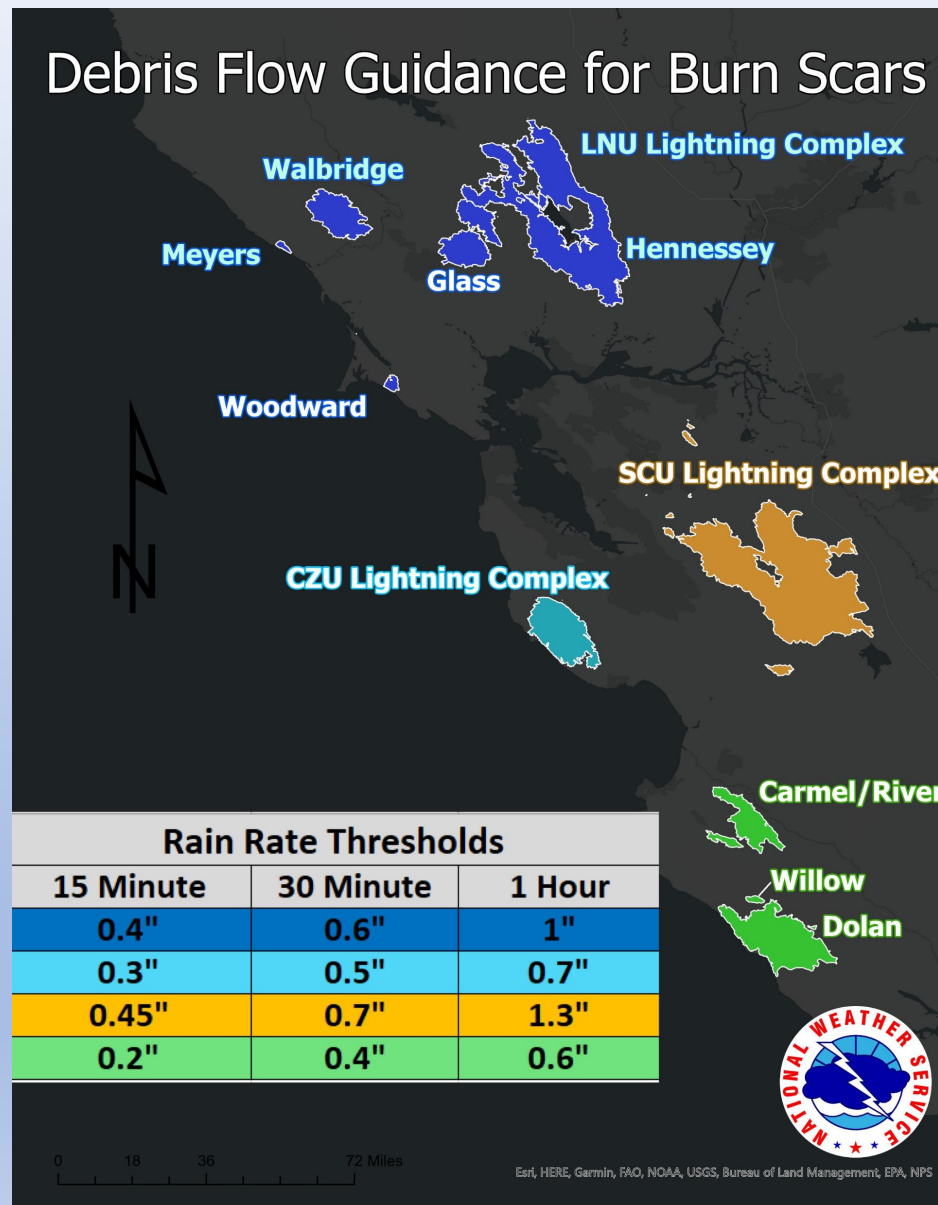
Burn Scars – Post Wildfire Debris Flows

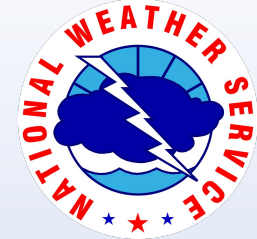




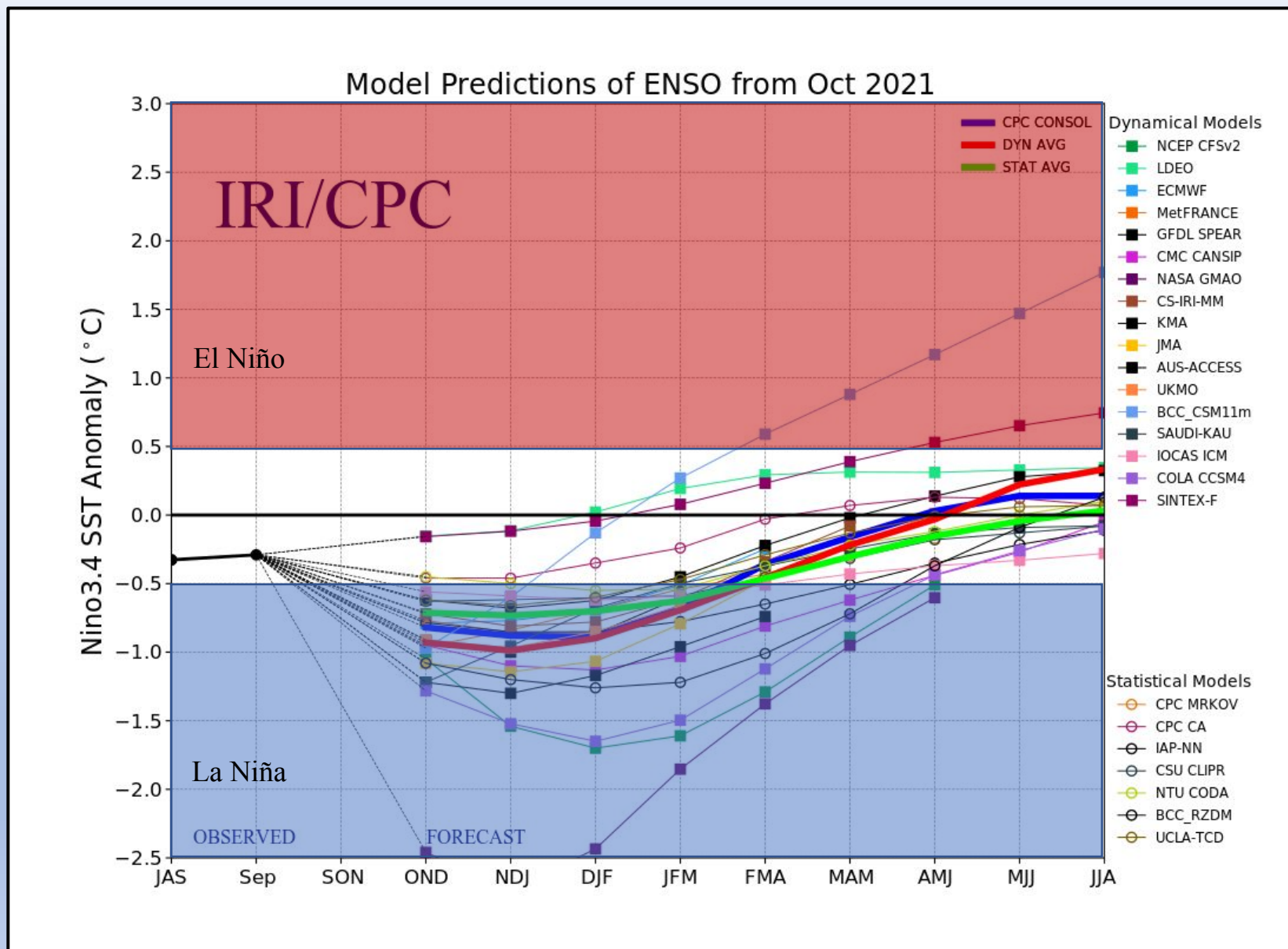
Burn Scars – Post Wildfire Debris Flow Thresholds

Debris Flow Guidance for Burn Scars



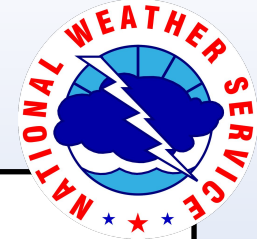


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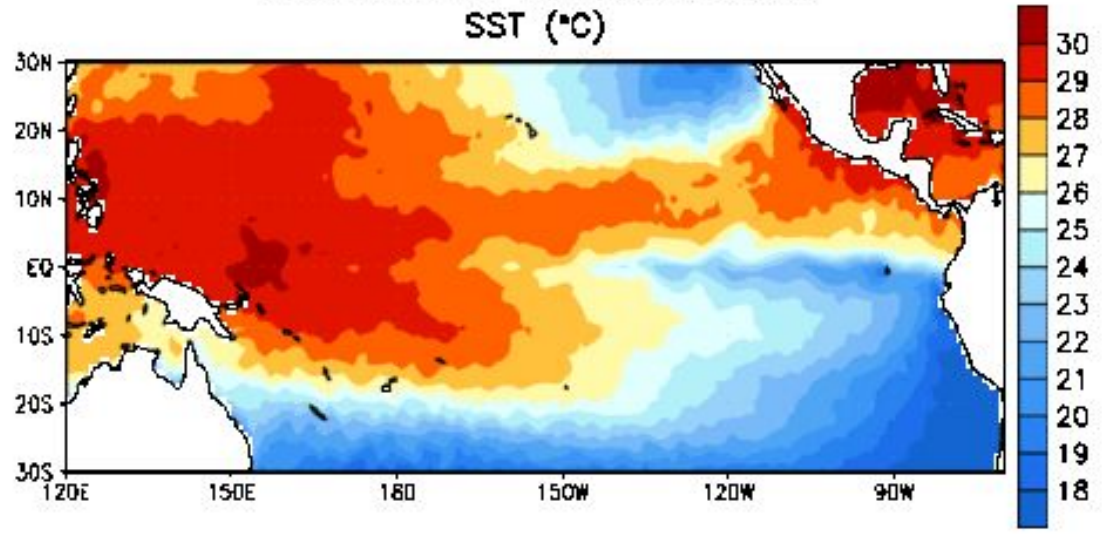




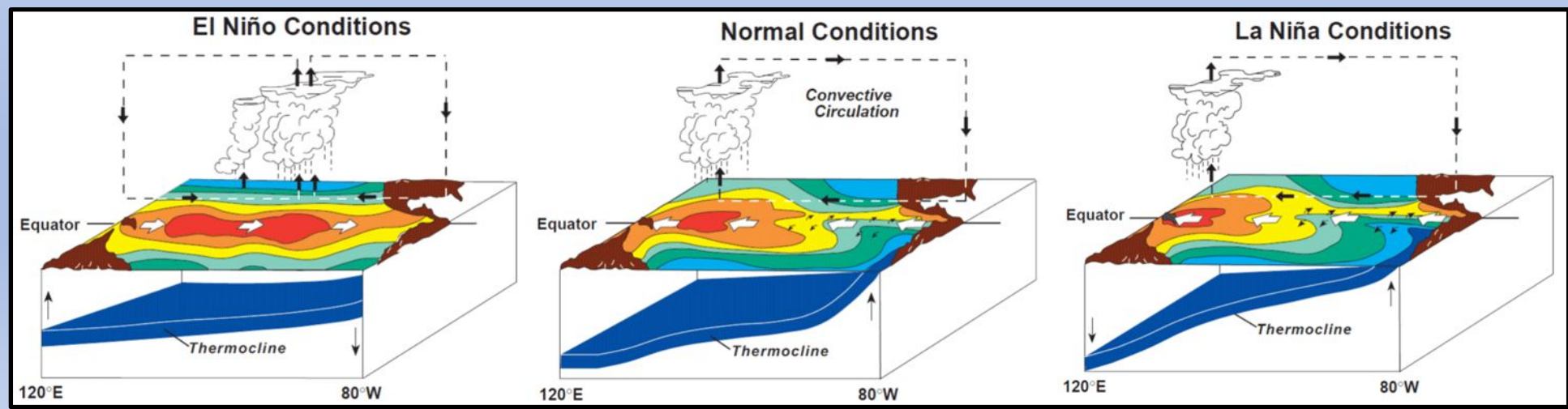
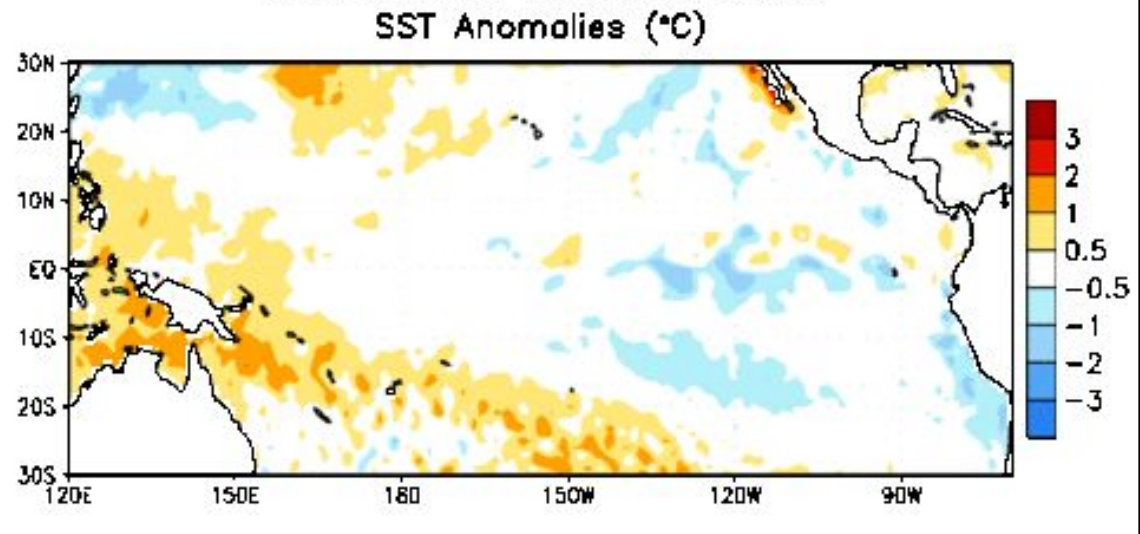
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Week centered on 11 AUG 2021
SST (°C)



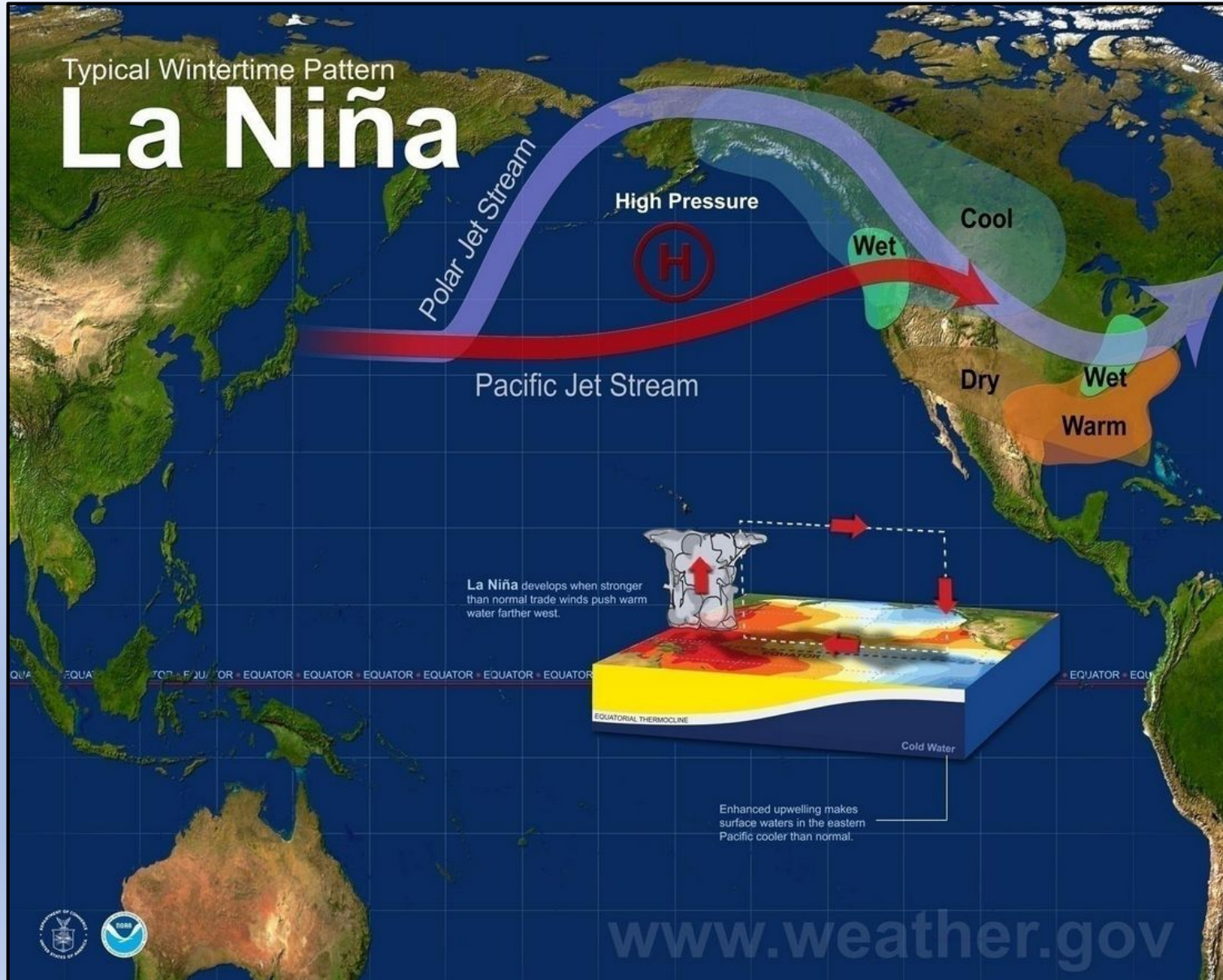
Week centered on 11 AUG 2021
SST Anomalies (°C)





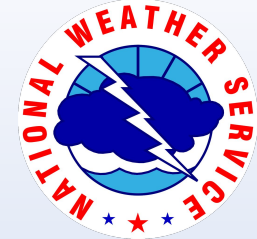
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La Niña Advisory





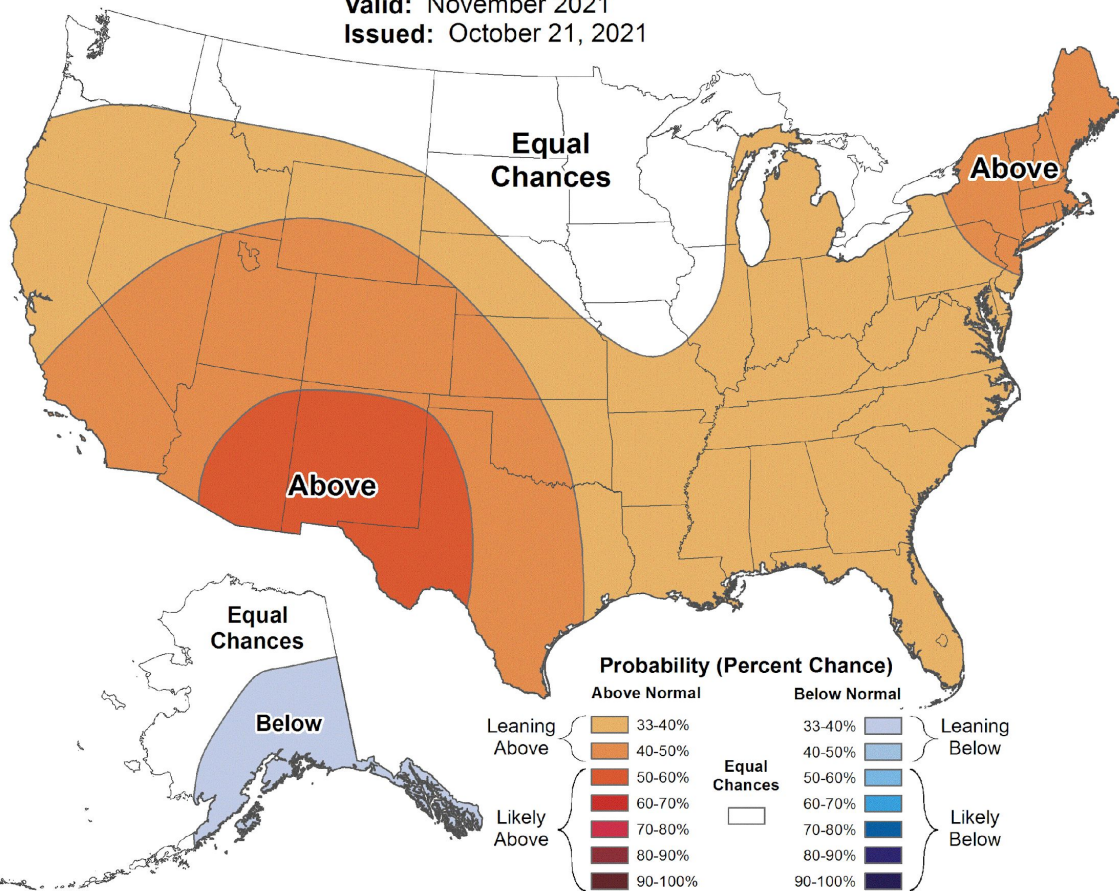
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Monthly Temperature Outlook



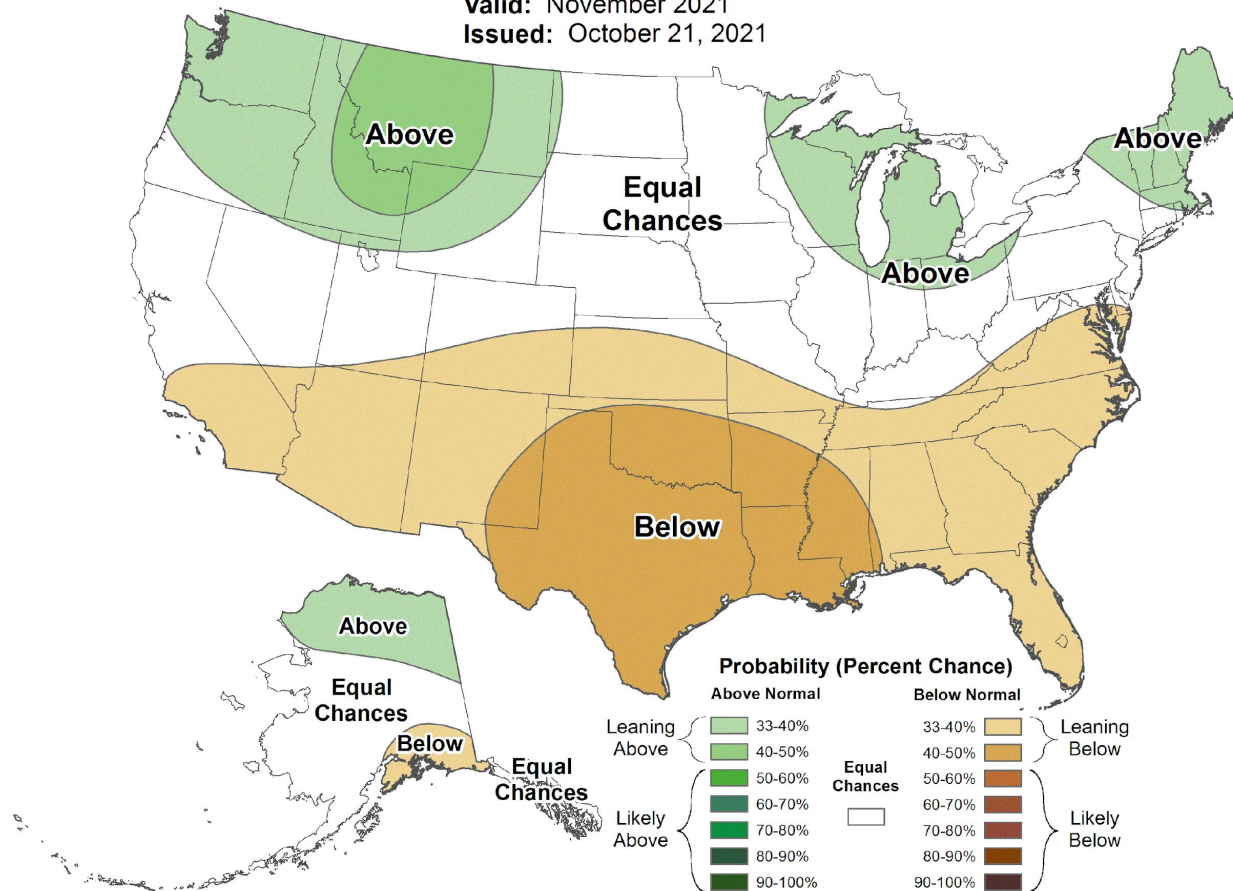
Valid: November 2021
Issued: October 21, 2021



Monthly Precipitation Outlook



Valid: November 2021
Issued: October 21, 2021





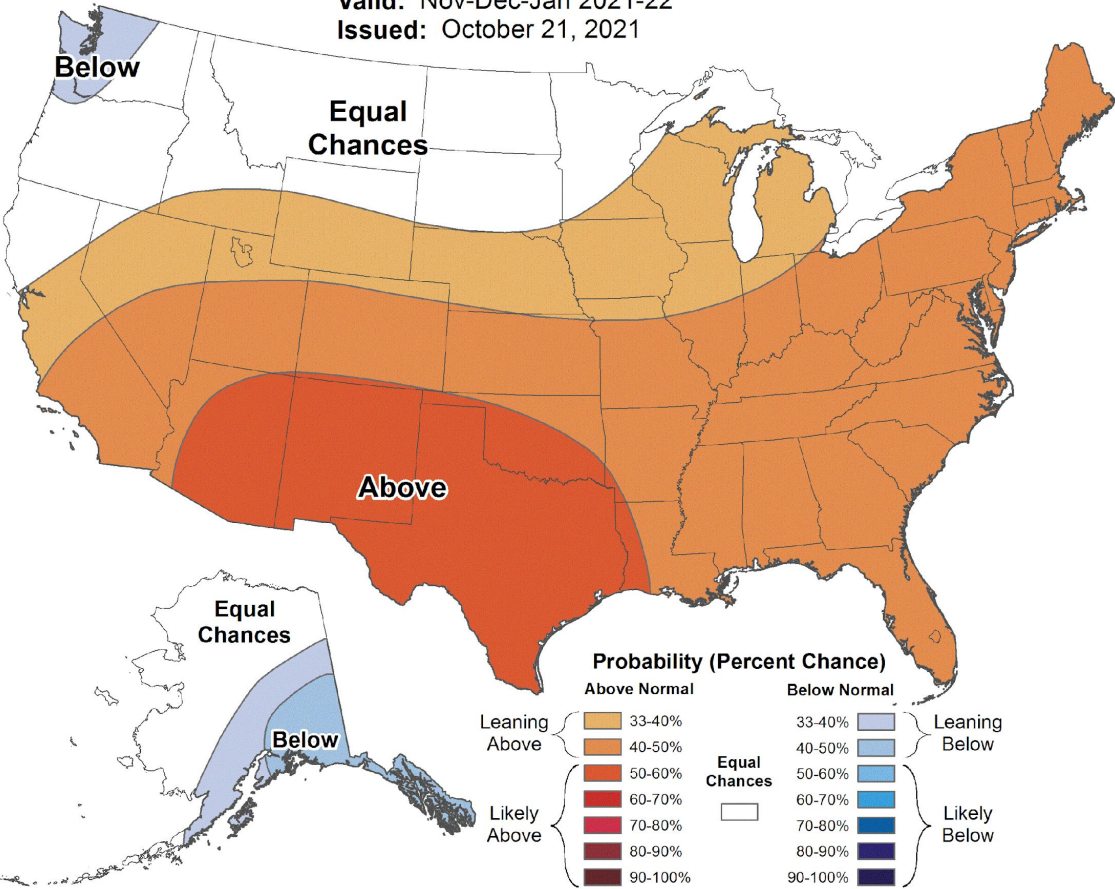
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Seasonal Temperature Outlook



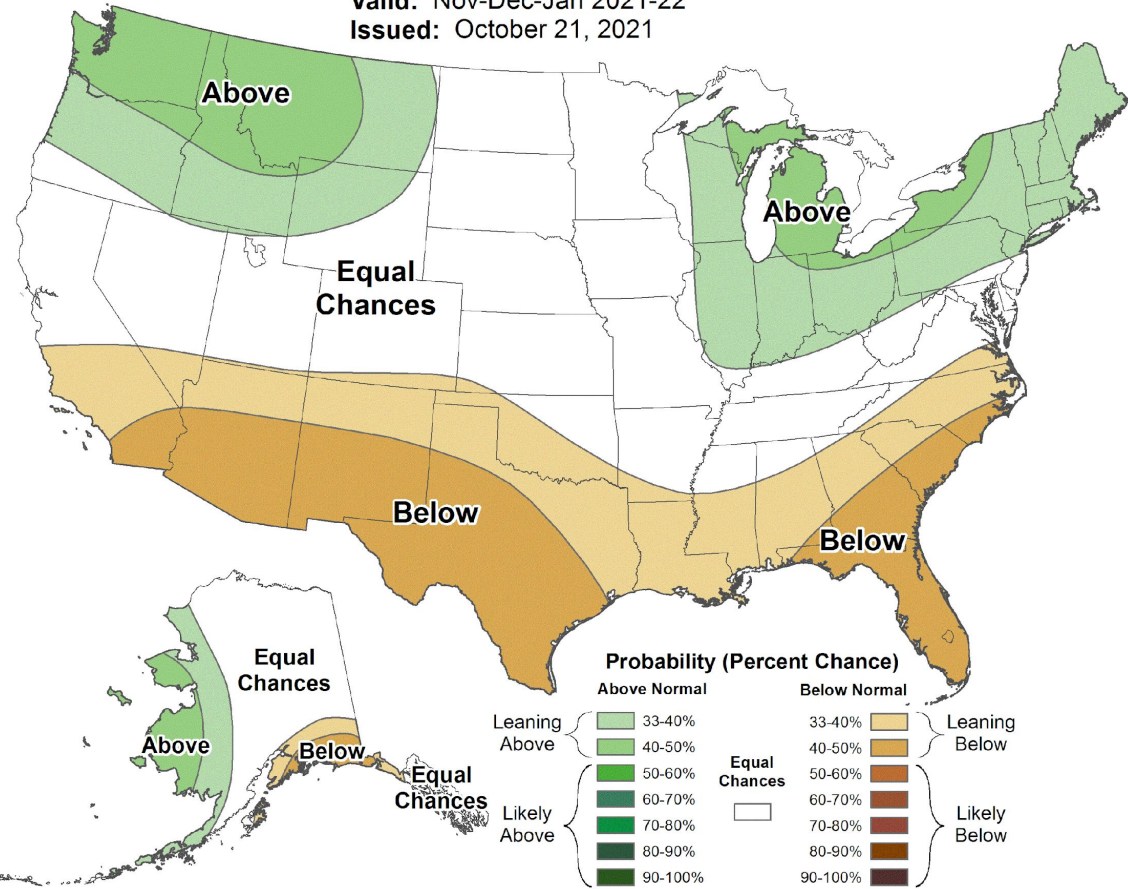
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Seasonal Precipitation Outlook

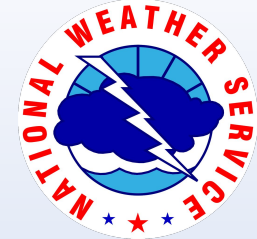


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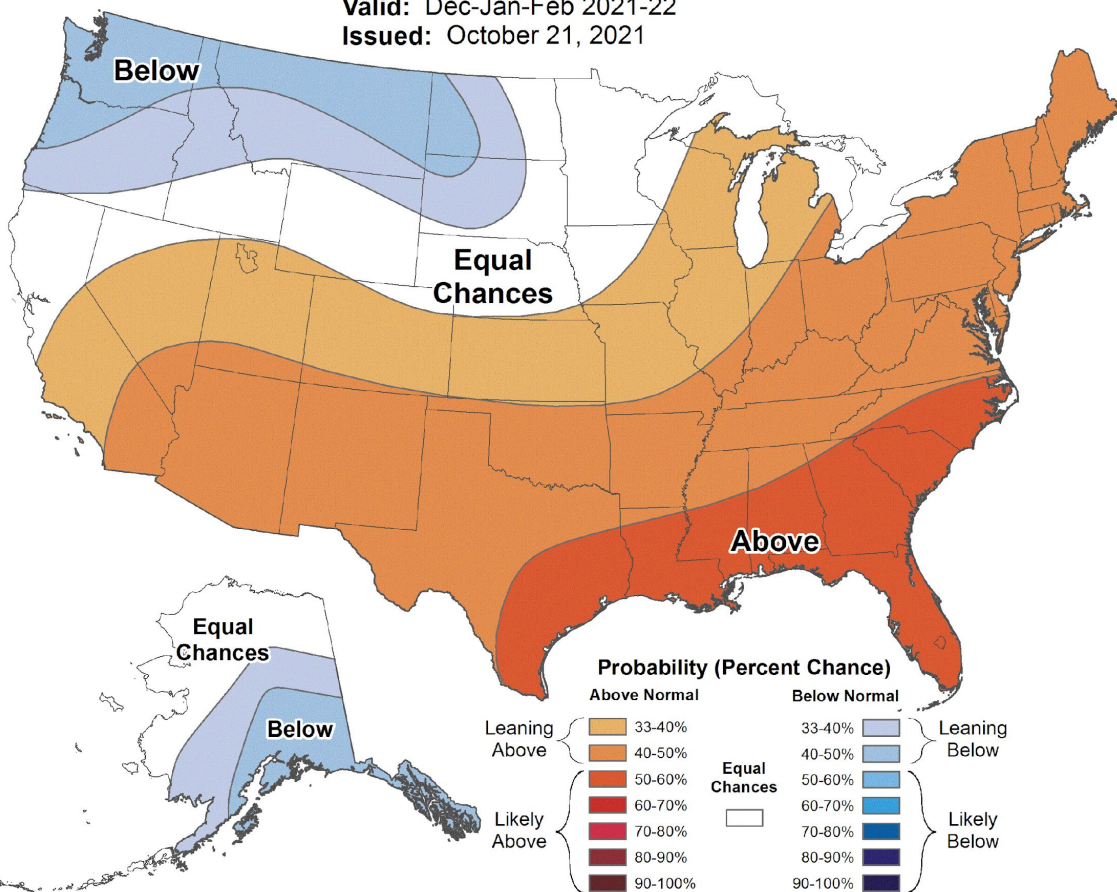
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Seasonal Temperature Outlook



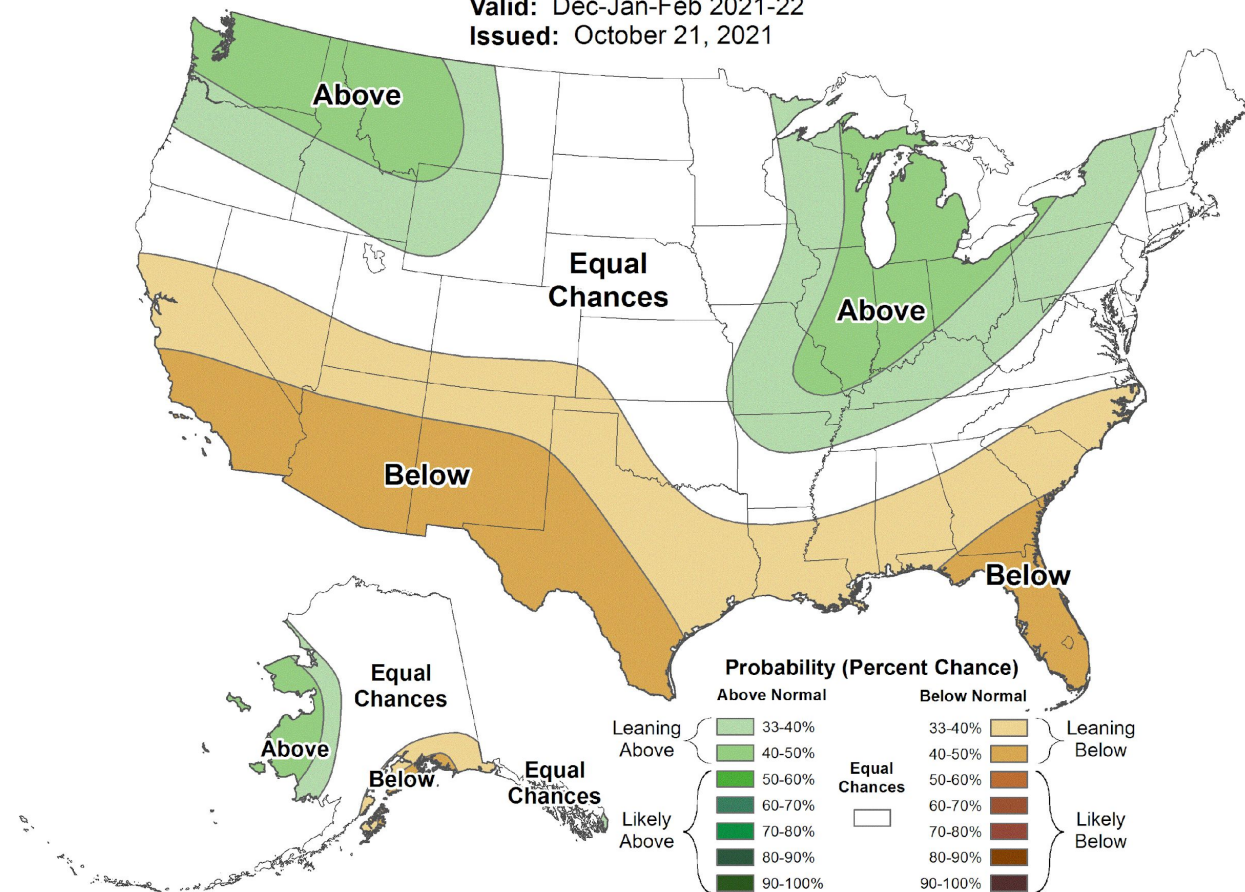
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Issued: October 21, 2021



Seasonal Precipitation Outlook

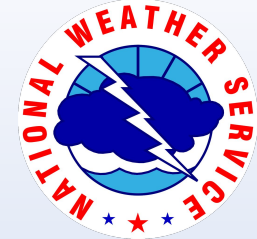


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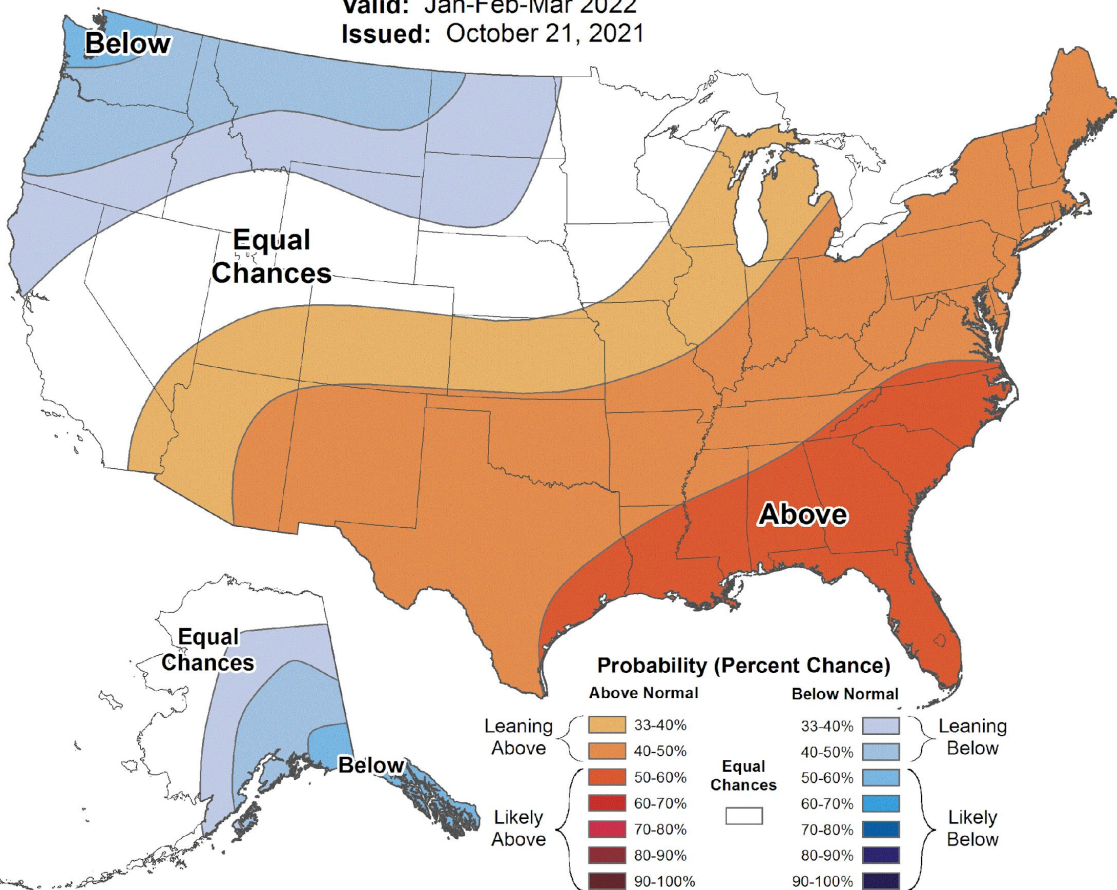
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Seasonal Temperature Outlook



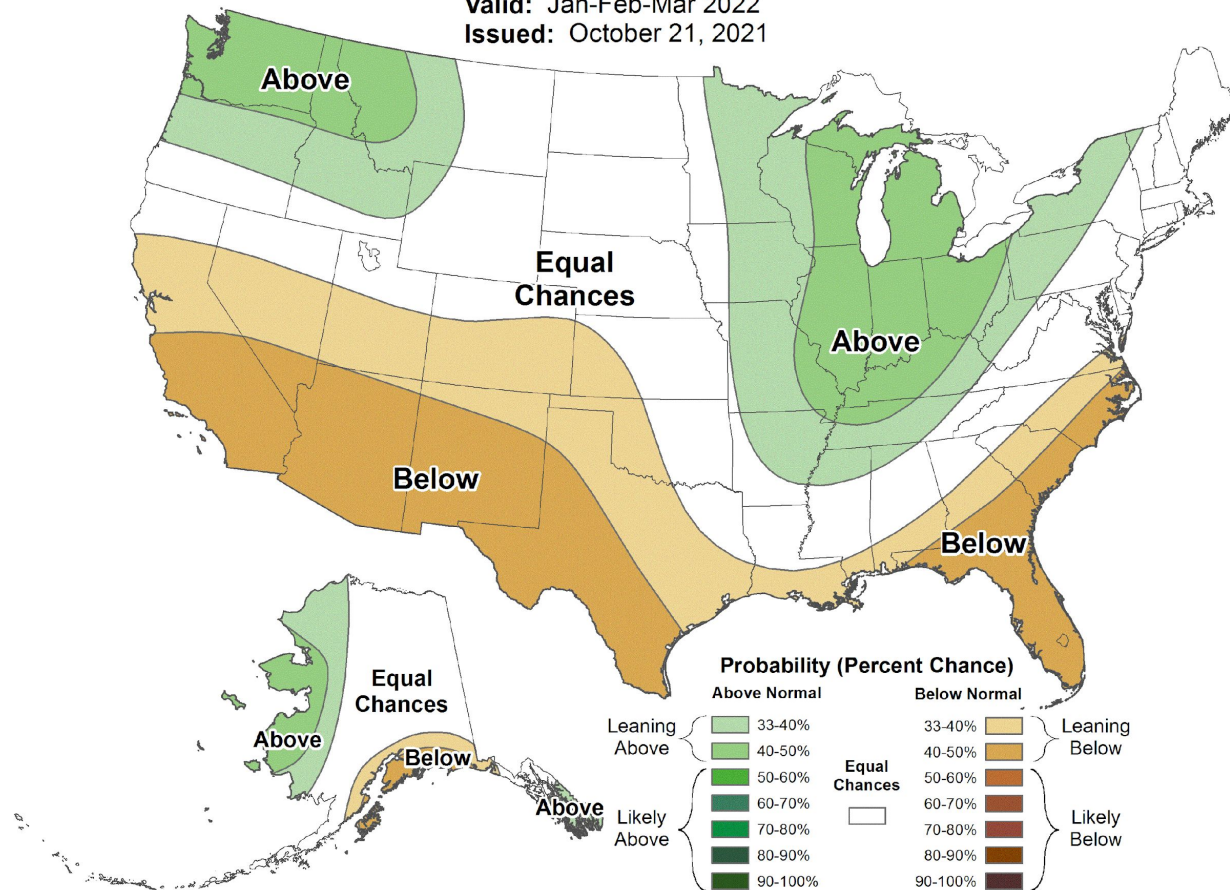
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Issued: October 21, 2021



Seasonal Precipitation Outlook

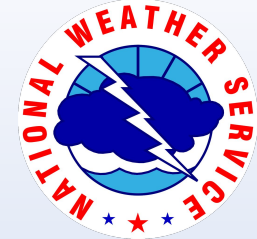


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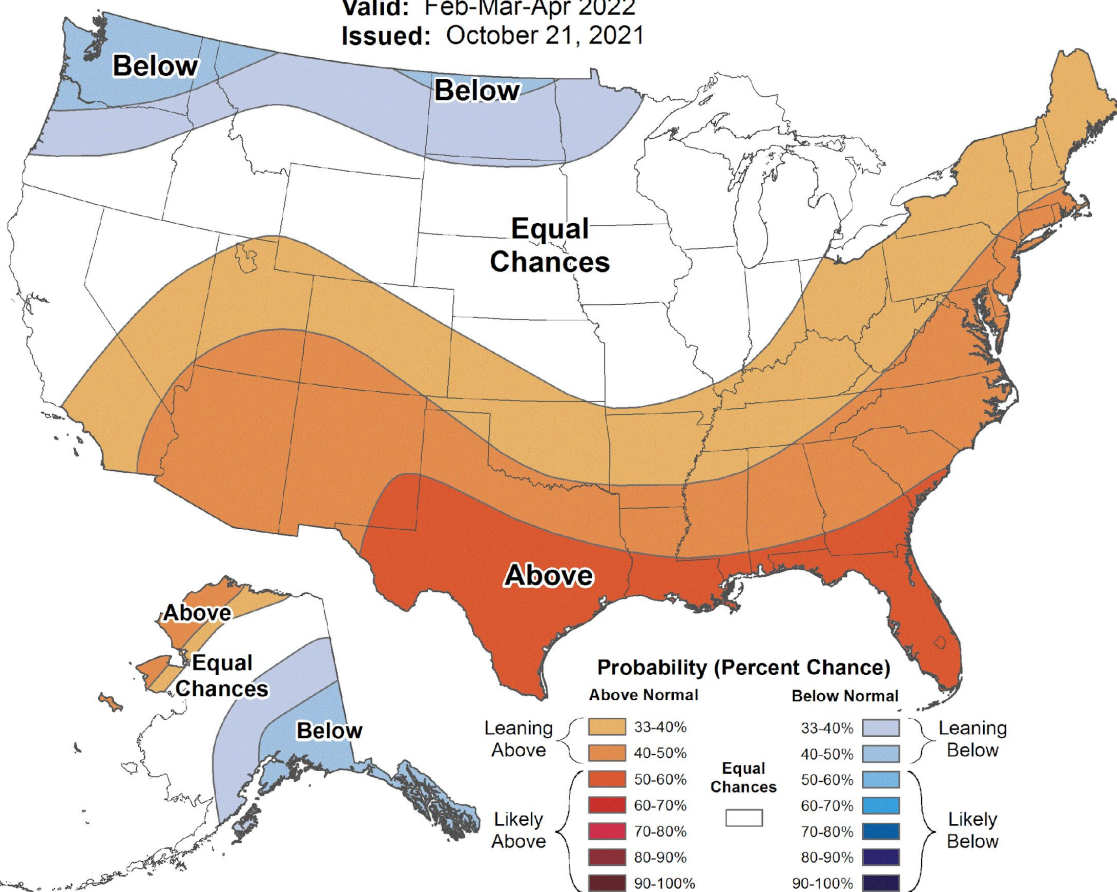
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Seasonal Temperature Outlook



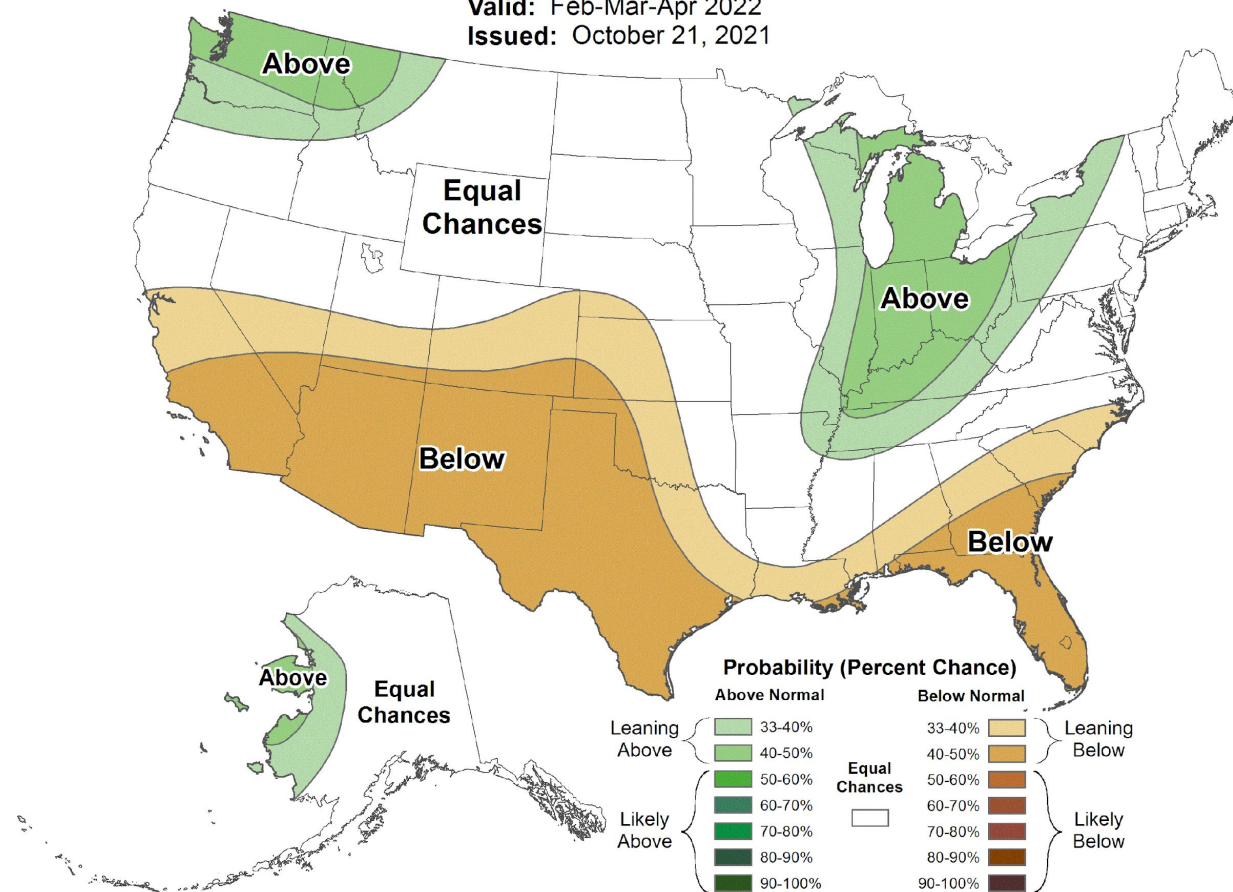
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Seasonal Precipitation Outlook

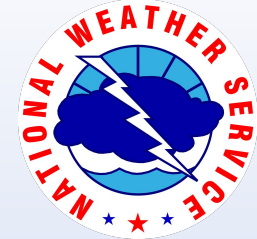


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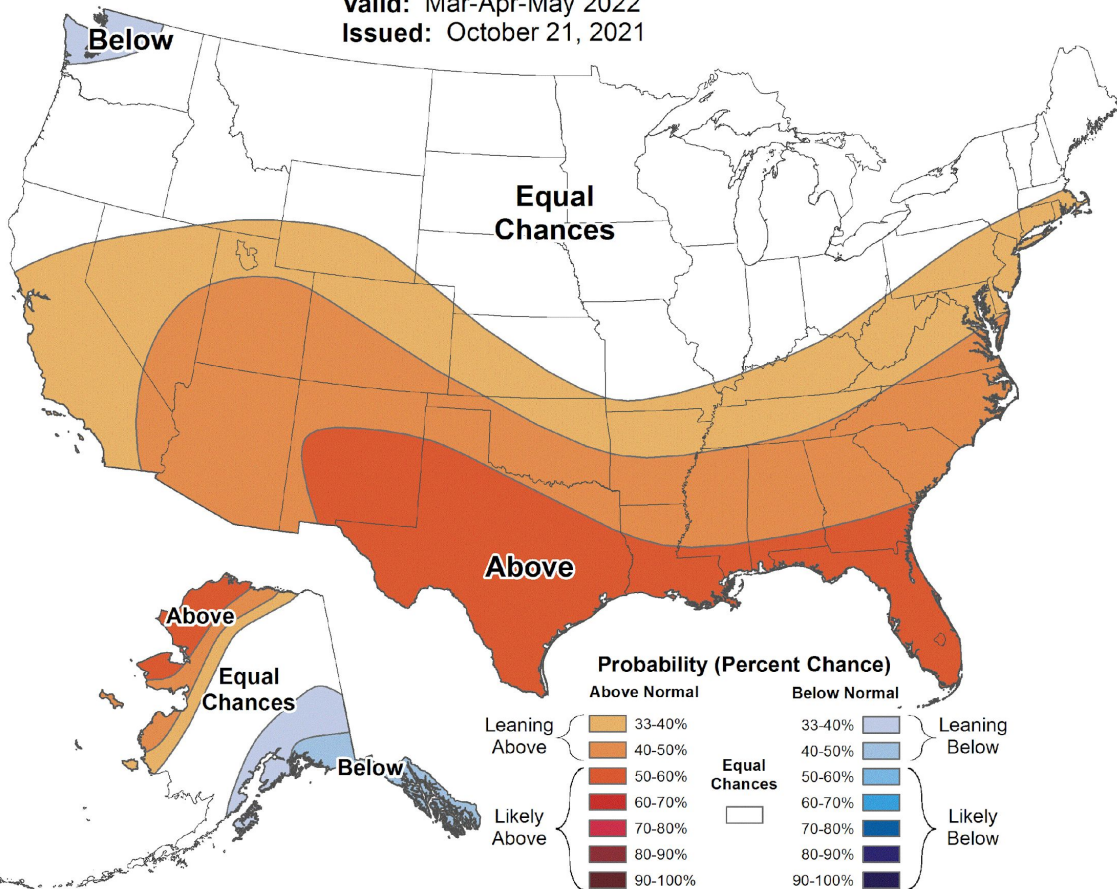
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Seasonal Temperature Outlook



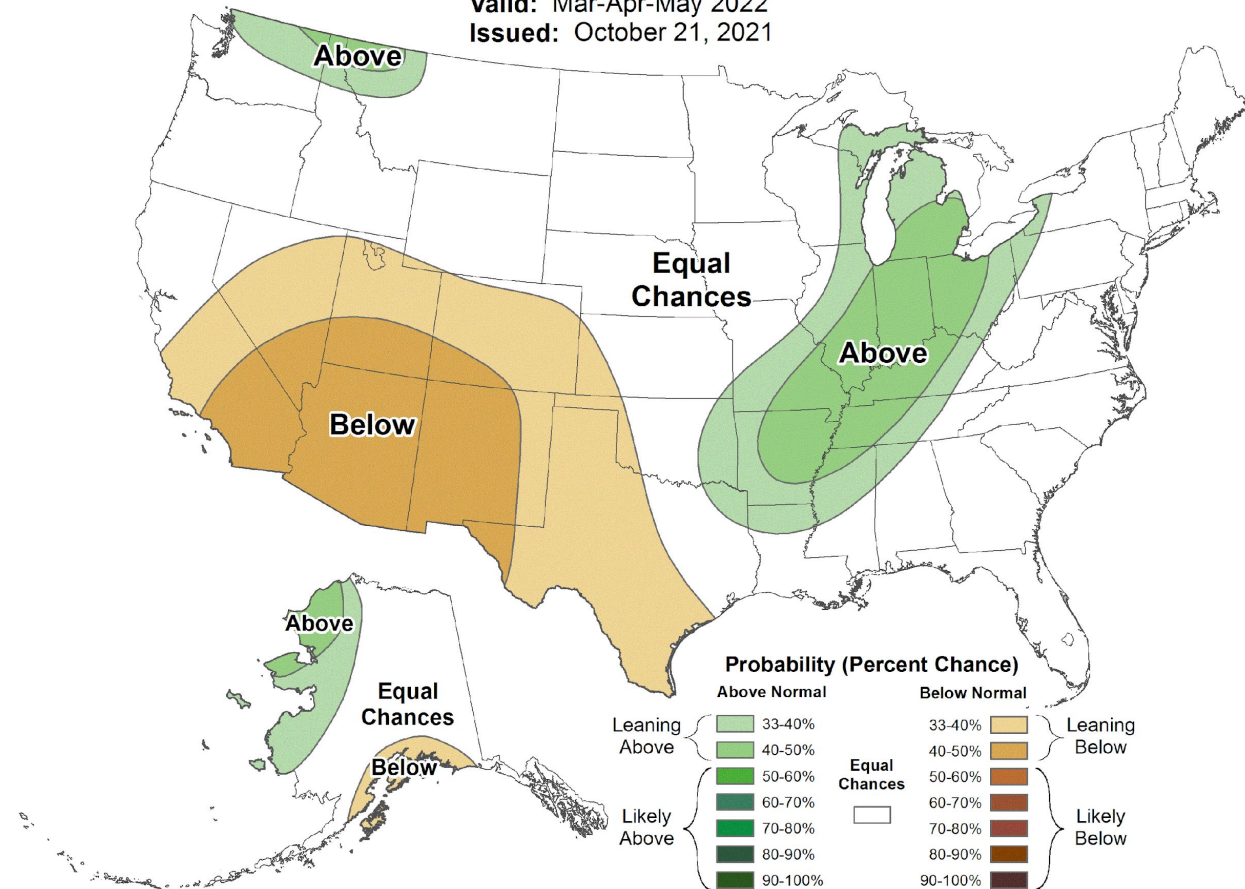
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Seasonal Precipitation Outlook

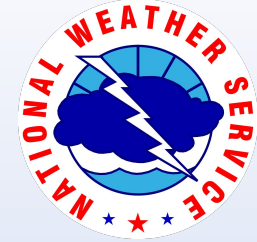


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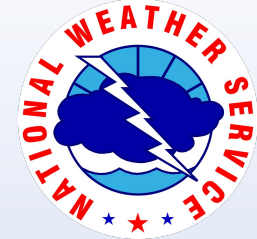


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Tools You Can Use

- NWS Webpages (tour)
 - Observations: rain gauges, river forecasts, etc
- Social Media
- Email Briefings



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NATIONAL WEATHER SERVICE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



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Wet Weather Pattern in the West; Severe Storms in the Eastern U.S.

A number of Pacific storm systems will bring excessive rainfall, strong winds, and mountain snow to the West U.S. These systems may cause burn scar flooding impacts. Severe thunderstorms may impact the Ohio/Tennessee Valleys into Central/Southern Appalachians, and a portion of west Texas on Thursday. [Read More >](#)

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Zoom Out

Last Map Update: Wed, Oct. 20, 2021 at 10:21:27 pm PDT



National Weather Service Winter Outlook 2021/2022



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

526 Following **115.4K** Followers

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National Weather Service Winter Outlook 2021/2022



Unsettled Weather Pattern Prevails

National Weather Service - SF Bay Area/Monterey

Issued: 3:00 PM PDT Tuesday, October 19, 2021

Point of Contact: NWS Operations (24/7) EM: 831-656-1717 | Media: 831-656-1724

KEY POINTS

- Wind Advisory from 8 pm tonight lasting until 4 am Wednesday for gusty southerly winds along the coastline and in the valley's of the North Bay and Bay Area.
- Next chance for rain is Tuesday night into Wednesday morning as the next front pushes through
 - Strong southerly winds with the chance for Gale Force gusts over the waters
- Secondary system with more rain arriving Thursday
- Potential Atmospheric River next Sunday

CHANGES FROM PREVIOUS BRIEFING

Second Issuance. Wind Advisory tonight for gusty southerly winds in lower elevations of the Bay Area and North Bay.

CONFIDENCE AND DETAILS

Tuesday Night into Wednesday

HIGH Confidence

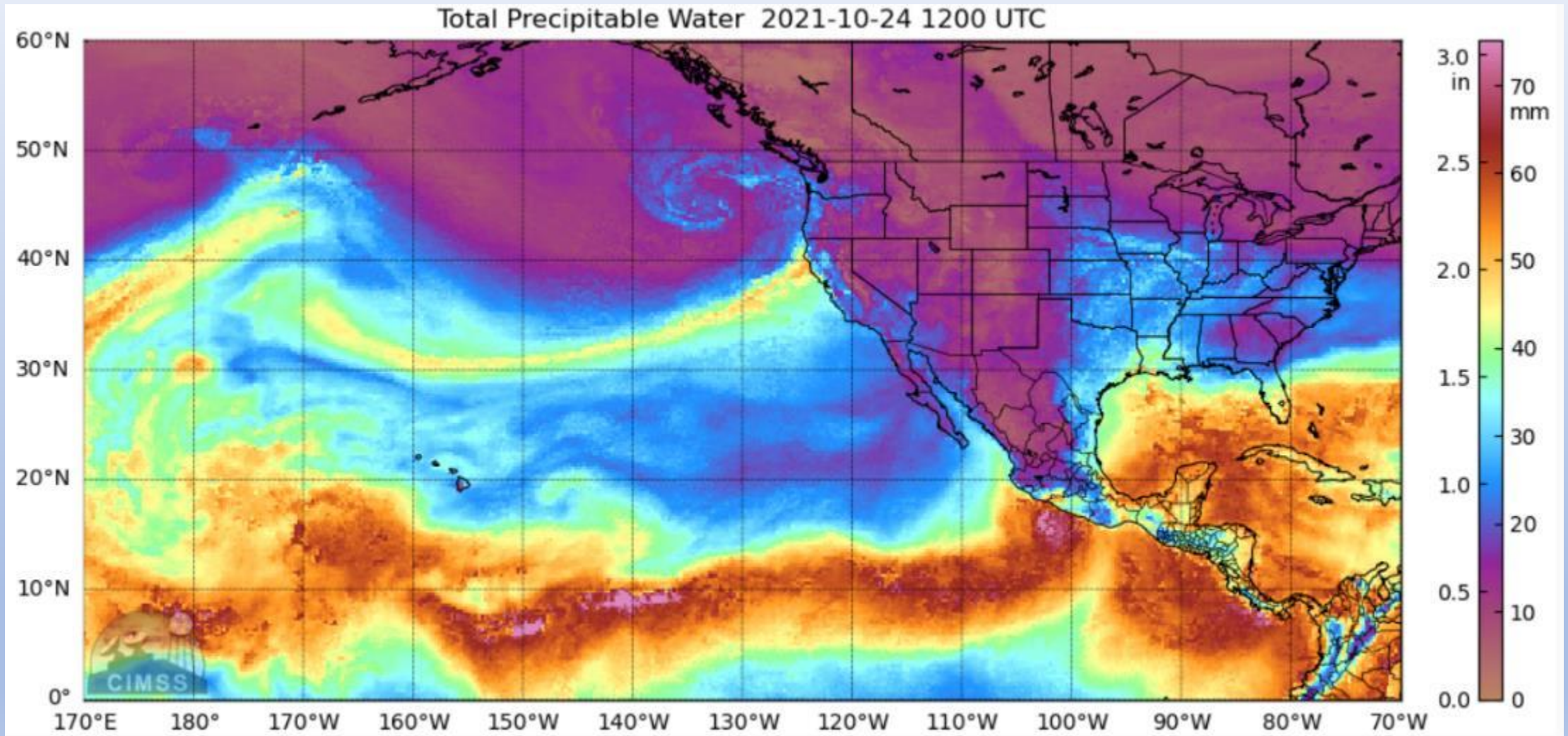
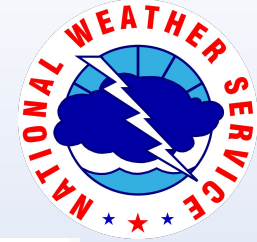
- Strong and gusty southerly winds tonight along the coastline and around the valley's of the North Bay and Bay Area.
- Widespread rain from the North Bay down the Central Coast

MODERATE Confidence

- Timing: Rain will likely approach the North Bay late Tuesday night, reaching the Central Coast early Wednesday morning
- Higher rainfall totals compared to this past weekend's rain



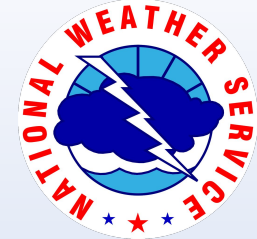
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Atmospheric Rivers



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Press Democrat

Meteorologist – Roger Gass | roger.gass@noaa.gov