



NATIONAL WEATHER SERVICE SAN FRANCISCO BAY AREA & MONTEREY BAY REGIONS

WINTER 2020 – 2021 WEATHER OUTLOOK BRIEFING



Presented by: Brian Garcia
Warning Coordination Meteorologist

(c) 2020 Kenny Iams



National Weather Service

San Francisco Bay Area & Monterey Bay Regions

Winter 2020 – 2021 Weather Outlook Briefing

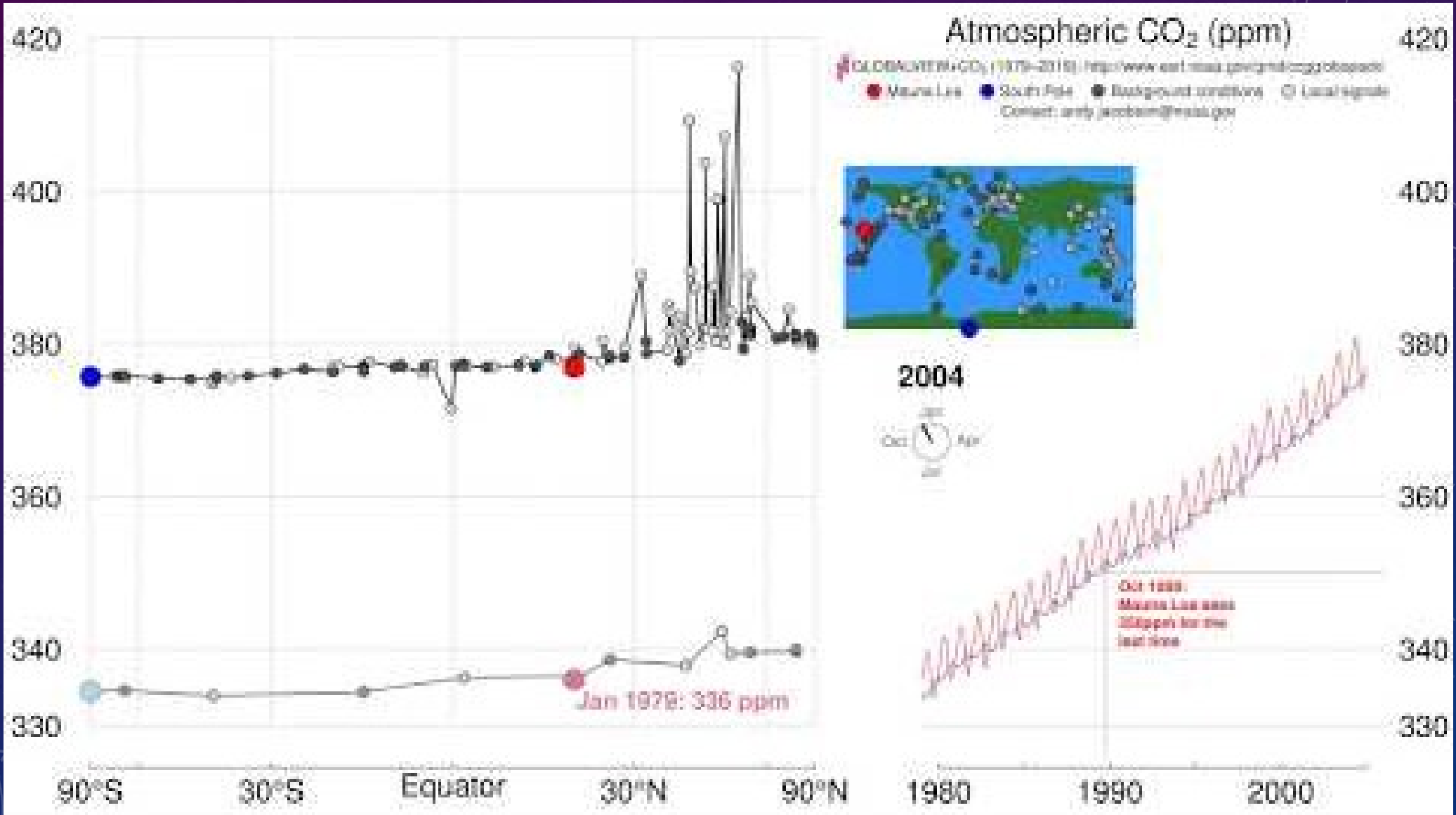


Topics

- Climate
- Communication
- Preparedness
- Seasonal Prediction



National Weather Service San Francisco Bay Area & Monterey Bay Regions Climate





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U.S. 2019 Billion-Dollar Weather and Climate Disasters



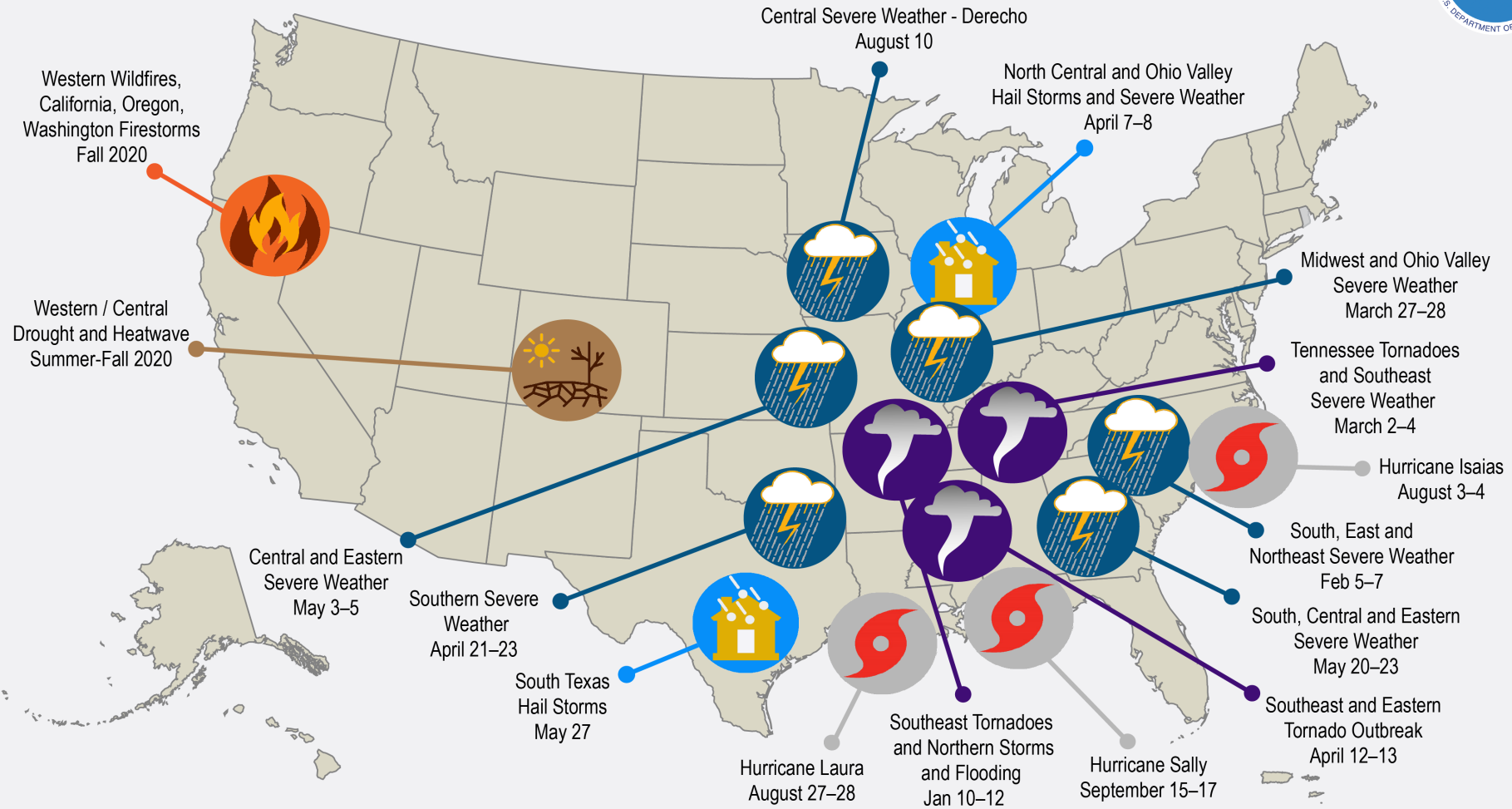
This map denotes the approximate location for each of the 14 separate billion-dollar weather and climate disasters that impacted the United States during 2019.



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U.S. 2020 Billion-Dollar Weather and Climate Disasters



This map denotes the approximate location for each of the 16 separate billion-dollar weather and climate disasters that impacted the United States from January-September 2020.

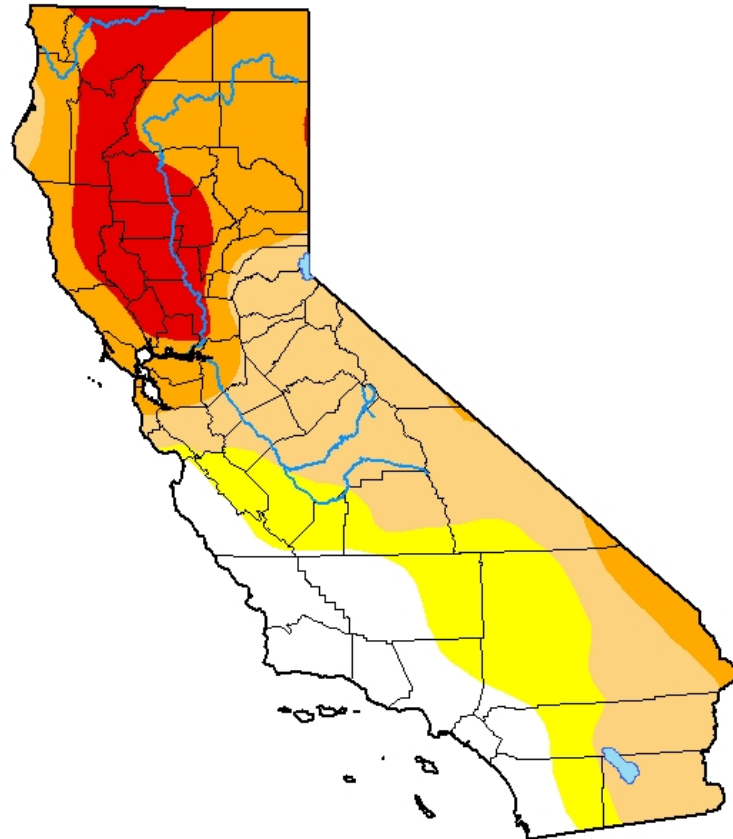


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U.S. Drought Monitor California

November 3, 2020
(Released Thursday, Nov. 5, 2020)
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>

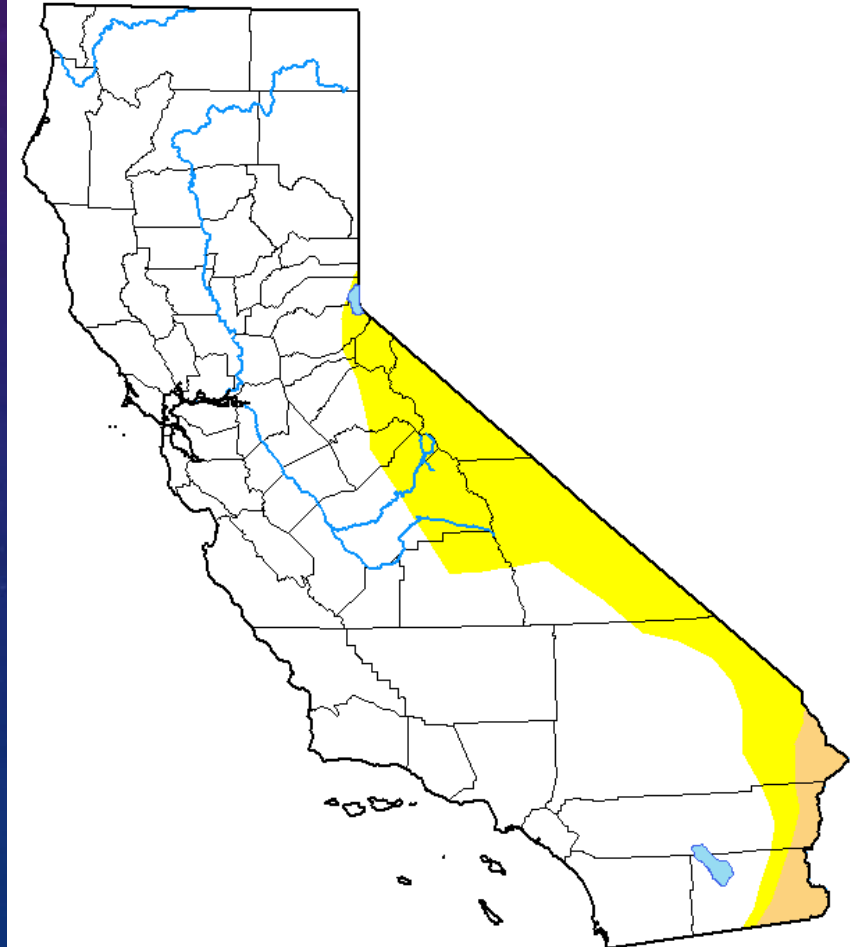
Author:

David Miskus
NOAA/NWS/NCEP/CPC



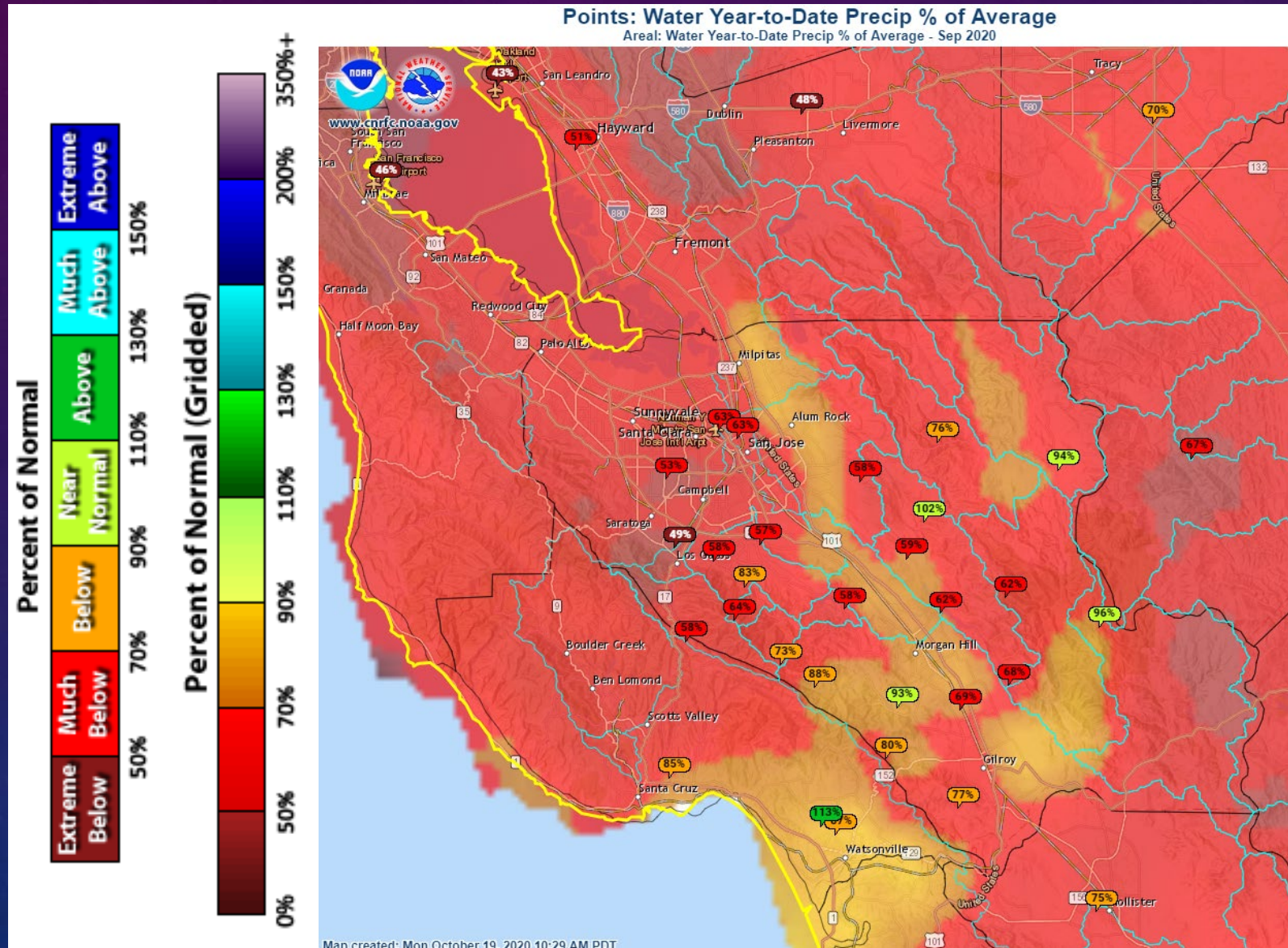
droughtmonitor.unl.edu

November 5, 2019





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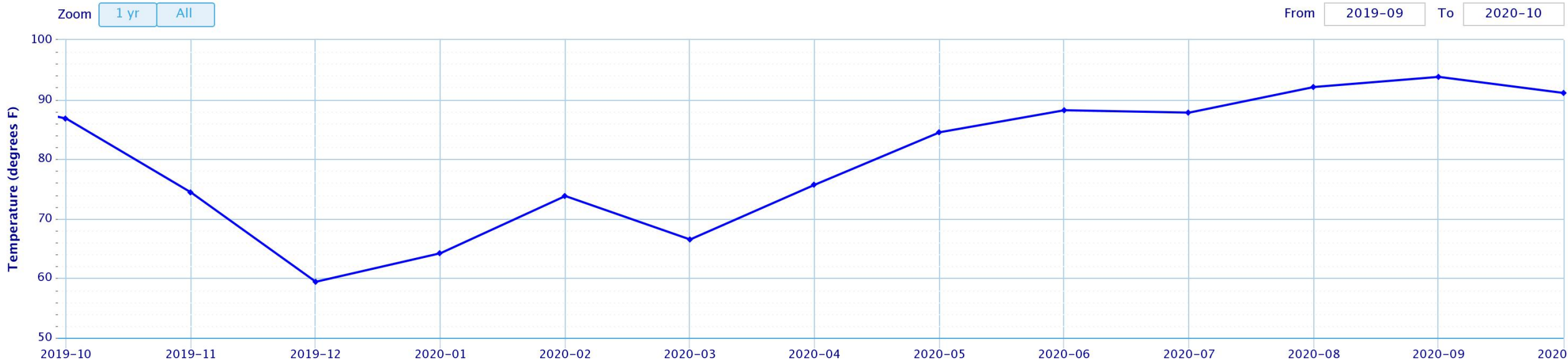


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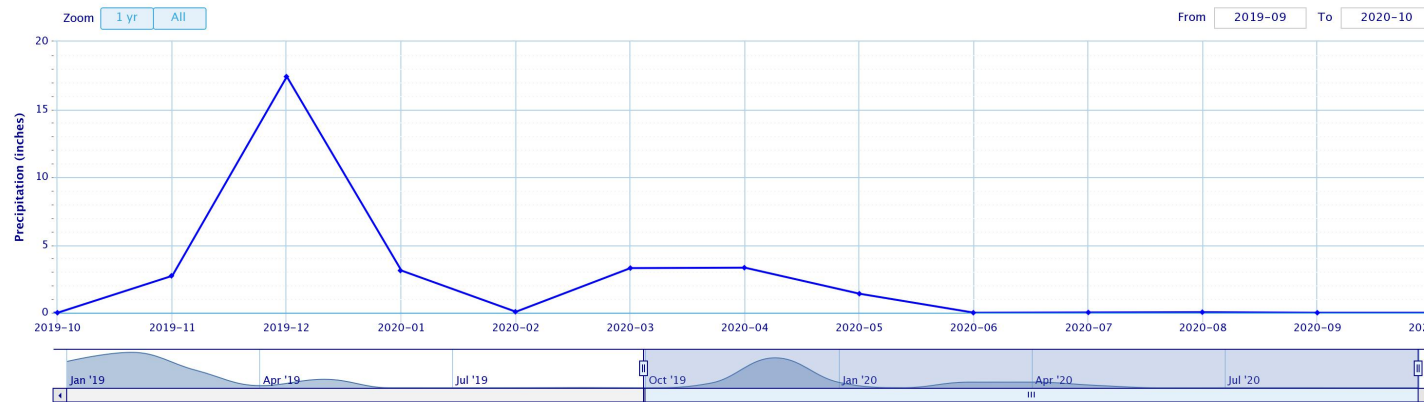
Mean Max Temperature – BEN LOMOND NO. 4, CA

Use navigation tools above and below chart to change displayed range



Total Precipitation – BEN LOMOND NO. 4, CA

Use navigation tools above and below chart to change displayed range



Powered by ACIS

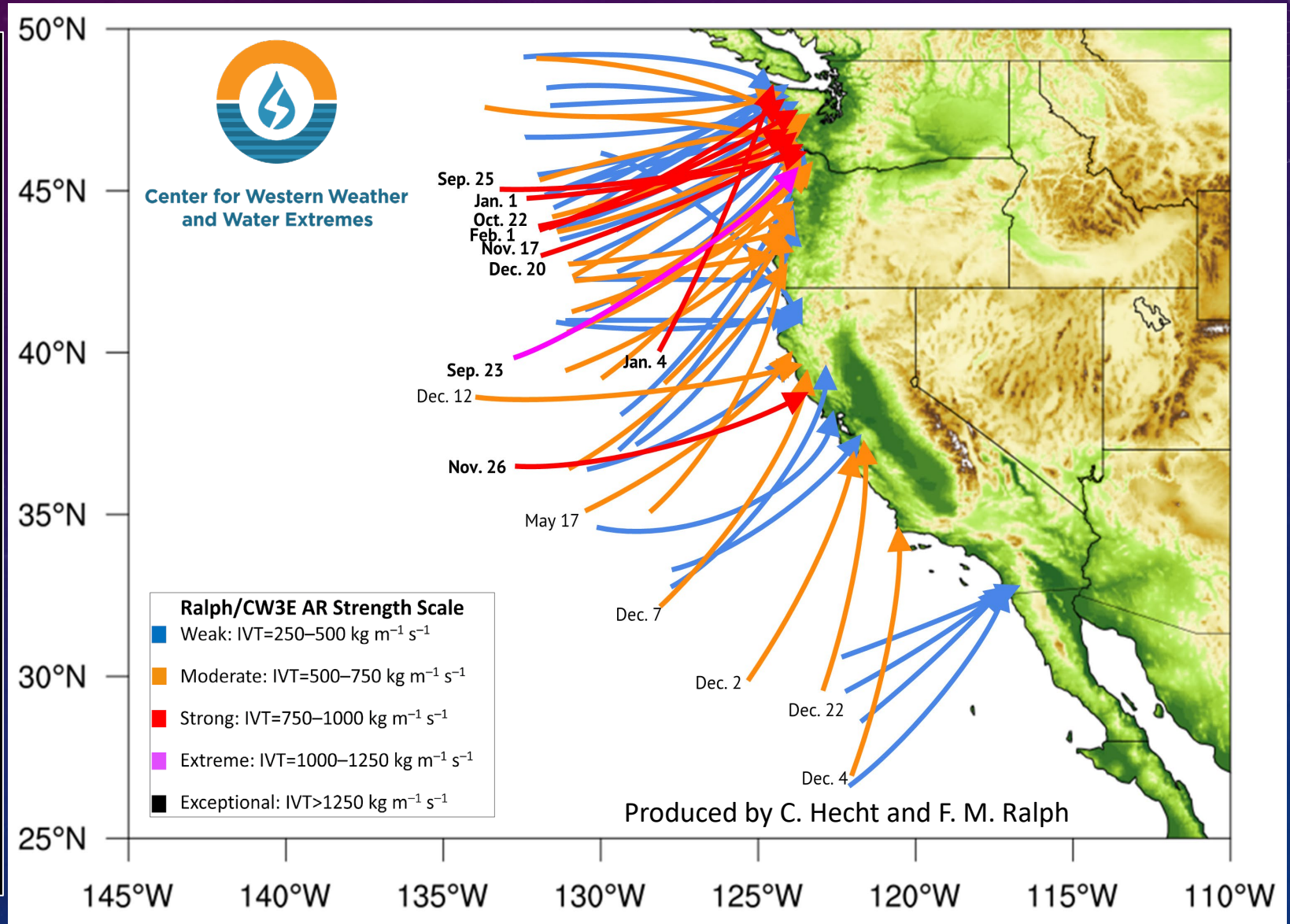
Powered by ACIS



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Water Year 2020 Landfalling Atmospheric Rivers





National Weather Service San Francisco Bay Area & Monterey Bay Regions Winter 2020 – 2021 Transition Slide

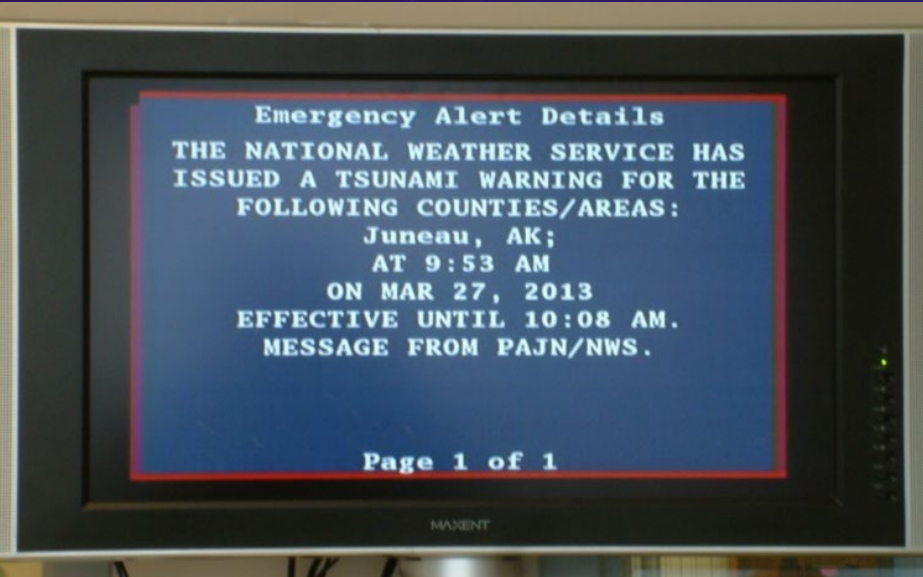




National Weather Service San Francisco Bay Area & Monterey Bay Regions Winter 2020 – 2021 Communication and Preparation



- Tsunami Warning
- Tornado Warning
- Extreme Wind Warning
- Flash Flood Warning
- Hurricane Warning
- Typhoon Warning
- Blizzard Warning
- Ice Storm Warning
- Dust Storm Warning






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US National
Weather Service
San Francisco Bay
Area/Monterey
California ✓
@NWSBayArea



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487 subscribers

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Sign up for Reverse 9-1-1 Notifications - CodeRED



SANTA CRUZ REGIONAL 9-1-1

*Serving the communities of
San Benito and Santa Cruz Counties*

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Sign up for Reverse 9-1-1 Notifications - CodeRED



Santa Cruz Regional 9-1-1 uses the CodeRED community notification system to send important messages to residents, businesses, and visitors within Santa Cruz and San Benito Counties in the event of emergency situations or critical community alerts. CodeRED is capable of sending thousands of messages in a very short time based on geographic location of an incident to landlines, cell phones, emails, and their mobile app.

Examples of notifications can include:

- Emergency evacuations (including wildfires and flooding)
- Missing person alerts
- Severe weather alerts
- Emergency police activity

You can self-enroll in CodeRED and receive alerts based on your home or business address.

How to Self-Enroll

Click [here](#) to self-enroll today and stay informed! If you use a cell phone or VoIP for your voice calls, registering is extremely important. We are only able to get this information from YOU! If you have problems registering your telephone, you can reach CodeRED Technical Support at 866-939-0911.

Download the App

The CodeRED Mobile Alert app provides advanced, real-time, location-specific alerts designed to keep residents and visitors informed and safe as they travel across the United States and Canada. We can initiate notifications via phone, email, and/or text. Messages can include text and audio, as well as feature a map with the location of the warning area. The free mobile app is available on the App Store and Google Play.

SCR9-1-1

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- + [How Do I?](#)

Contact Information

495 Upper Park Rd.
Santa Cruz, CA 95065

Phone: (831) 471-1000
Monday-Friday 9:00am-2:00pm

[View Full Contact Details](#)

Upcoming Events

Business Office closed
11/11/2020 (All day)



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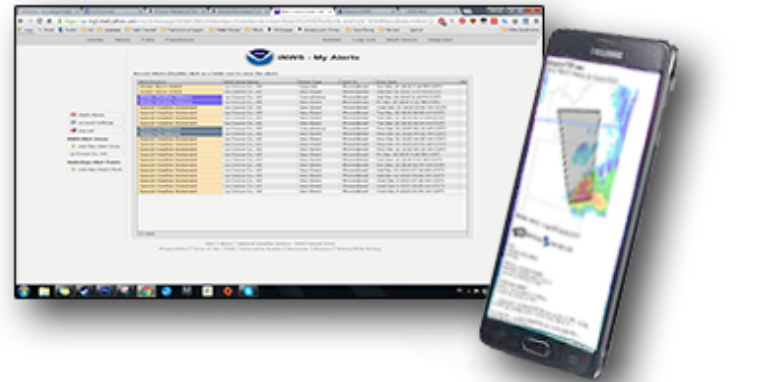


iNWS - Interactive NWS

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.

inws.ncep.noaa.gov



National Weather Service

San Francisco Bay Area & Monterey Bay Regions

Winter 2020 – 2021 Communication and Preparation



Home News FAQ Feedback Log out Brian Garcia Register Reset password



INWS - Create Hydrology Alert Point

- Alerts Home
- Account Settings
- Log out

Alert Areas

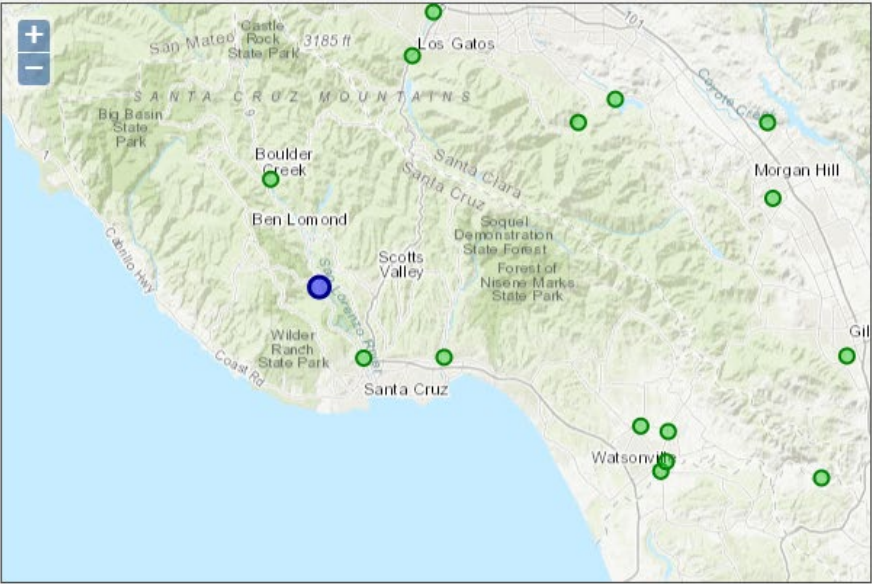
- Add New Alert Area
- Alameda County, CA
- Contra Costa County, CA
- Lake County, CA
- Marin County, CA
- Mendocino County, CA
- Monterey County, CA
- Napa County, CA
- San Benito County, CA
- San Francisco County, CA
- San Luis Obispo County, CA
- San Mateo County, CA
- Santa Clara County, CA
- Santa Cruz County, CA
- Solano County, CA
- Sonoma County, CA
- Trinity County, CA

Hydrology Alert Points

- Add New Hydro Point
- CYTC1: Coyote Creek at Madrone

Search for River Gauges

Search Mode: By WFO MTR: San Francisco CA Search



Name

BTEC1: San Lorenzo River (CA) at Big Trees

Alert Type

Alert on Forecast Alert on Observations

Save Cancel

inws.ncep.noaa.gov



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CAVE:MTR - D2D

CAVE File View Options Tools Volume Obs NCEP/Hydro Local Upper Air Satellite kmux KPIX KGO kbhx kdax kbbx khnx kvbx Radar MRMS SCAN Maps Local Maps Help

Valid time seq - WFO - Clear [Icons] Frames: 12 - Mag: 1.0 - Density: 1.0 - WarnGen [Icons]

Hazard Information

32 FFA

Type: Hydrology
Flash Flood Watch (FFA)

Update Hazard Hatched Area

Time Range:
Start: 04-Nov-2020 20:55
End: 05-Nov-2020 00:00
 Until further notice

Details:
Segment Number: 32
Immediate Cause: ER (Excessive Rainfall)
BurnScar: CZU Lightning Complex

Basis:
National Weather Service Meteorologists are forecasting heavy rainfall over the CZU Lightning Complex burn scar, which may lead to flash flooding and debris flows.

Nature of Rainfall: is expected up to and during the period of the watch.

Publics Impacted: Residents near the CZU Lightning Complex burn scar

Preview... Propose

* Hazard Services (Editable) Wed 20:53Z 04-Nov-20

Hazard Services Console: Hydrology - Non River - MTR

Event ID	Lock Status	Hazard Type	Status	Start Time	End Time	Expiration Time	VTEC Actions
<input checked="" type="checkbox"/> 32	U	FFA	PENDING	20:55Z 04-Nov-20	00:00Z 05-Nov-20		

Frames: 12 Time: 20:55Z 04-Nov-20 267M of 500M

CZU Flash Flood Warning for Debris Flow Thresholds

- 0.30" / 15 minutes
- 0.50" / 30 minutes
- 0.70" / 60 minutes



National Weather Service San Francisco Bay Area & Monterey Bay Regions Winter 2020 – 2021 Transition Slide



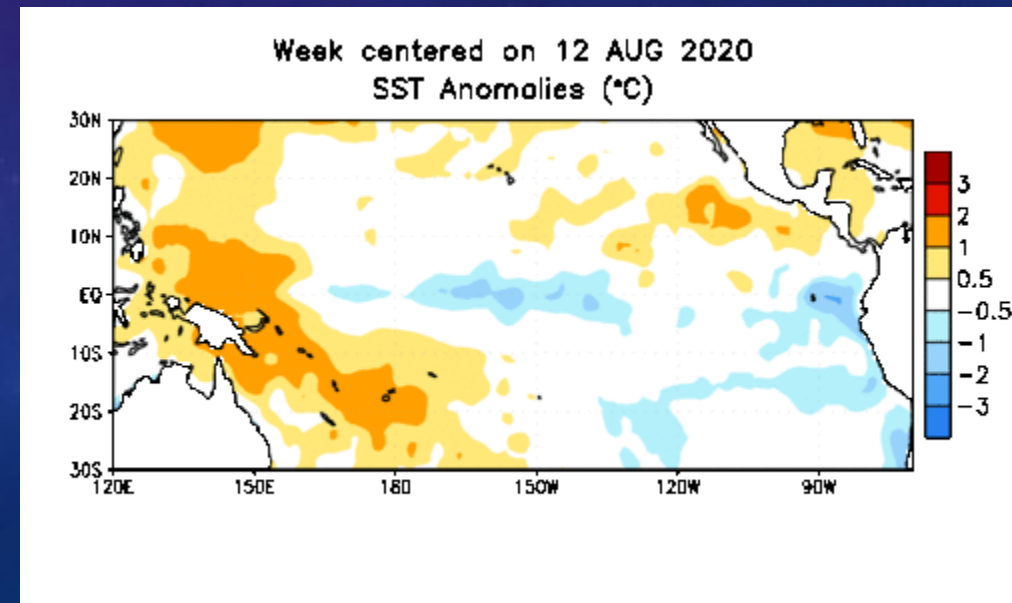
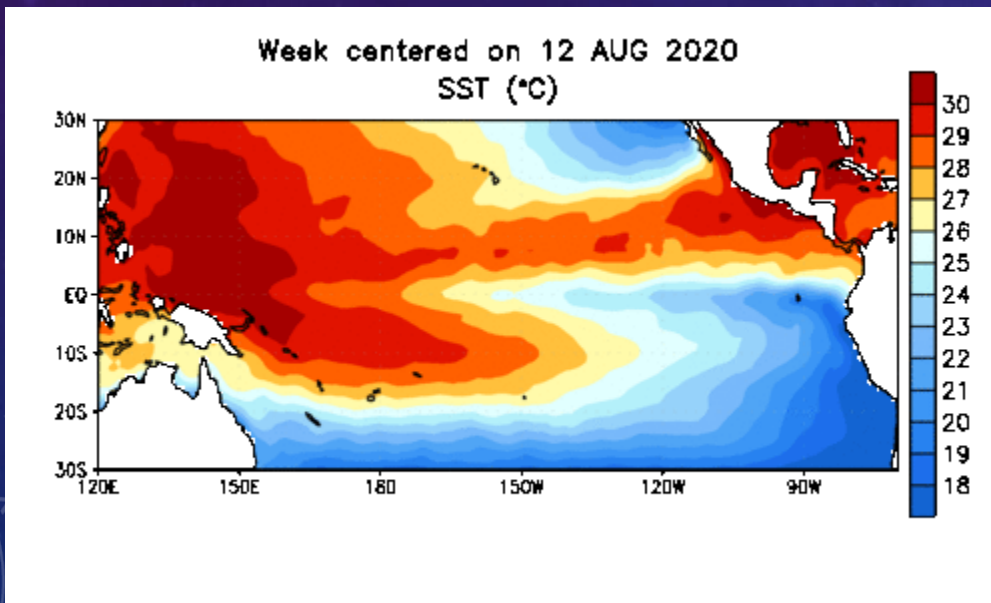
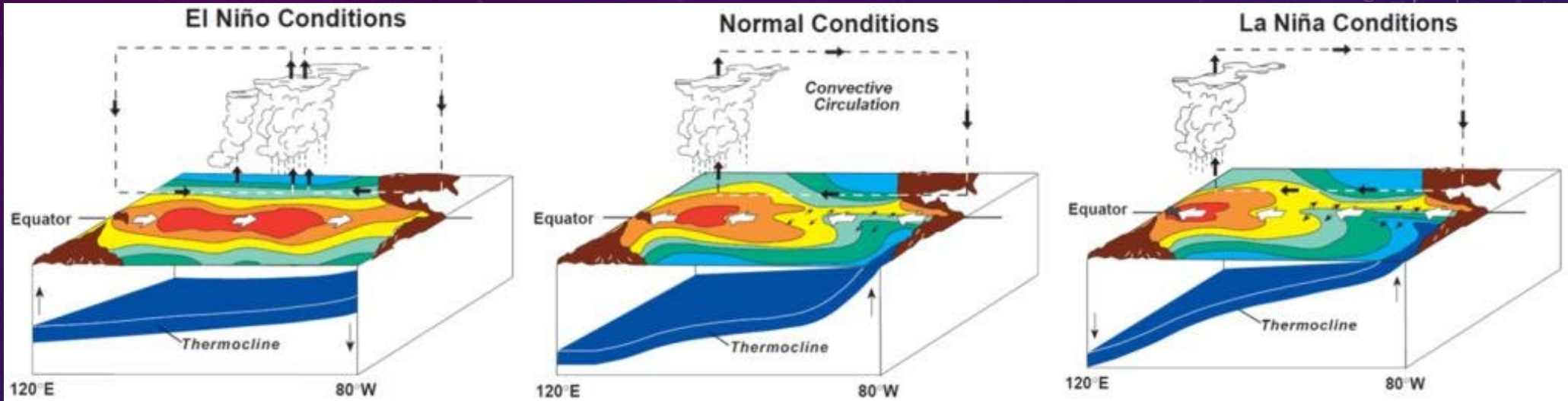


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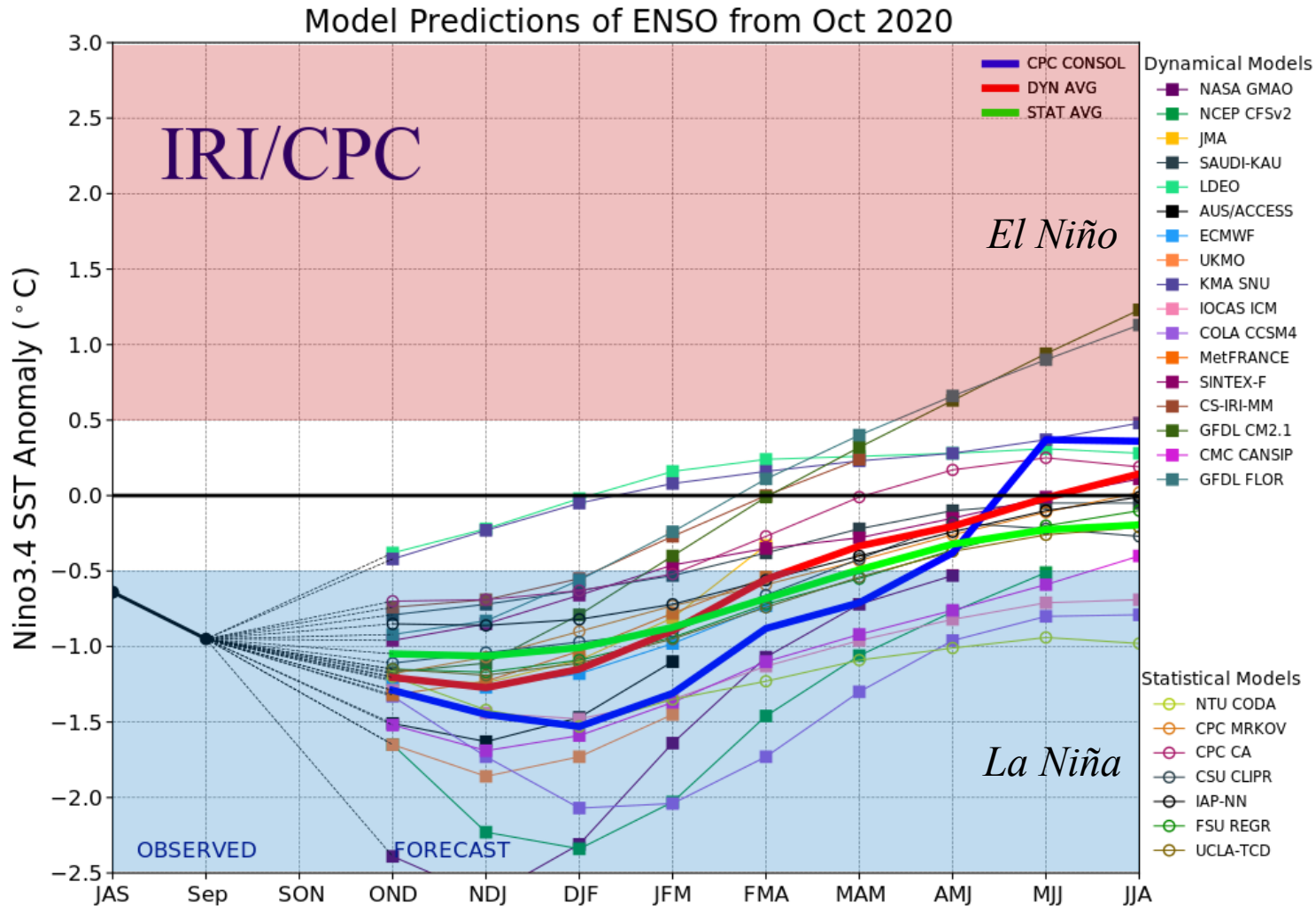


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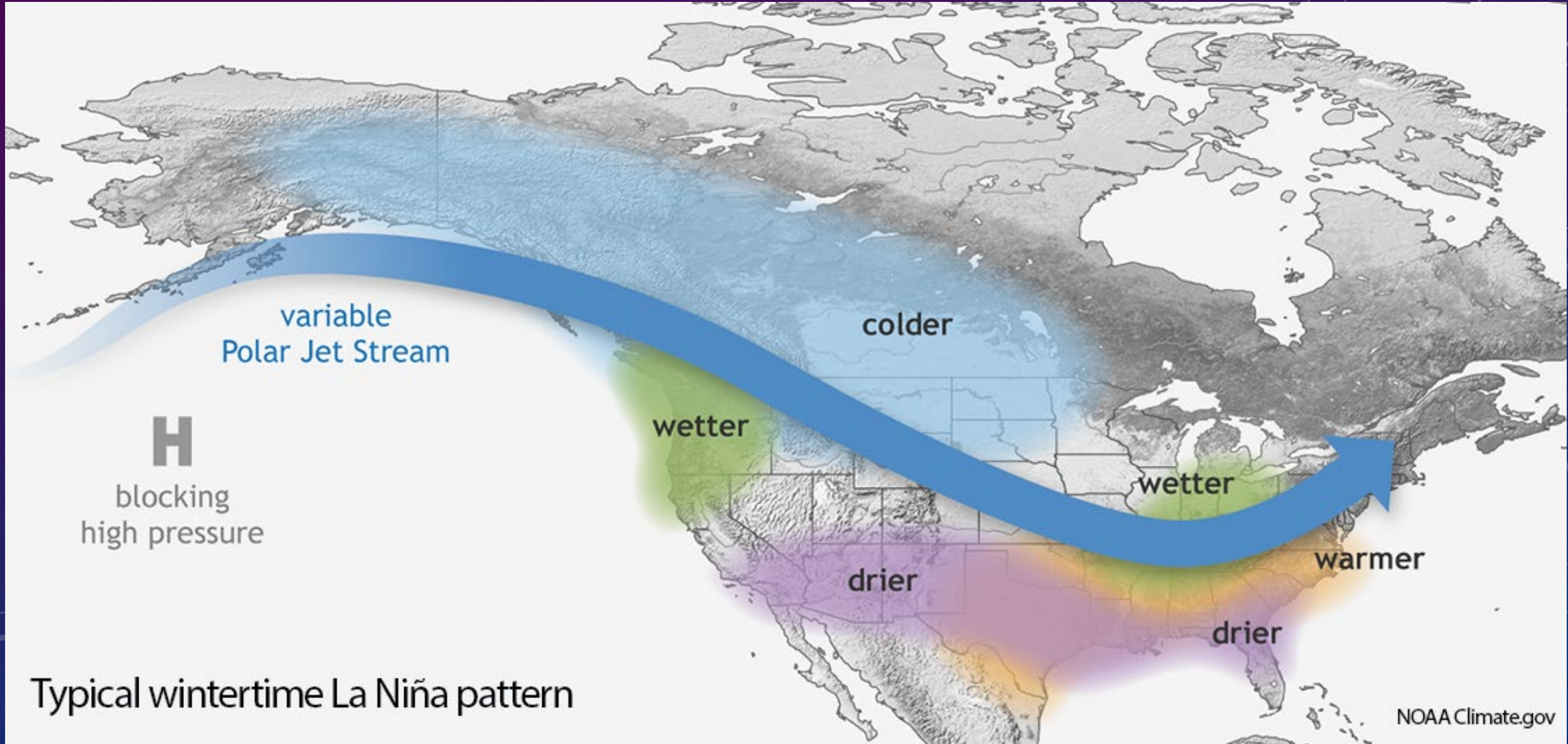


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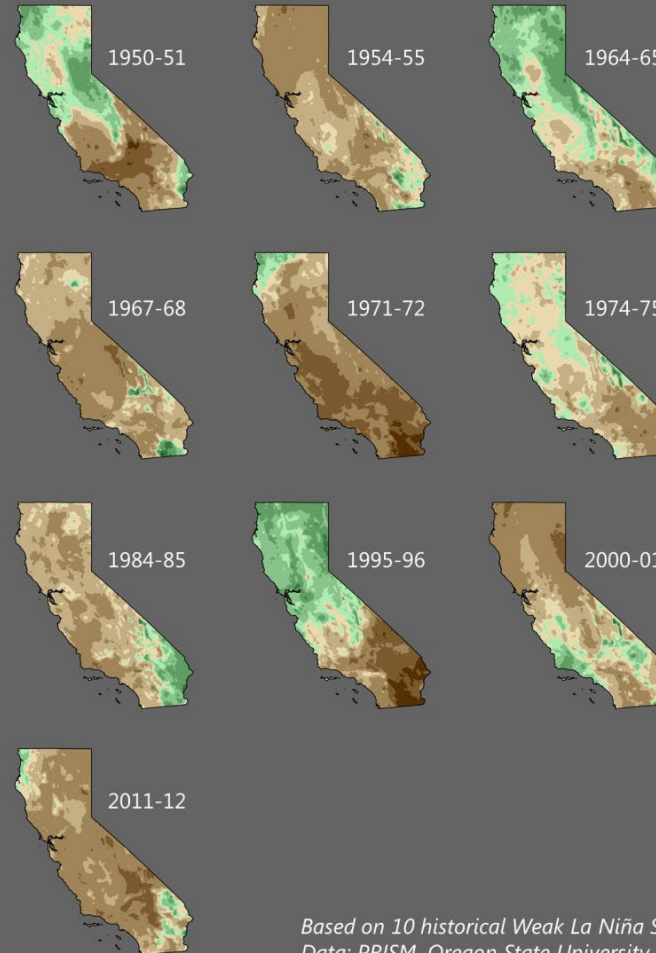
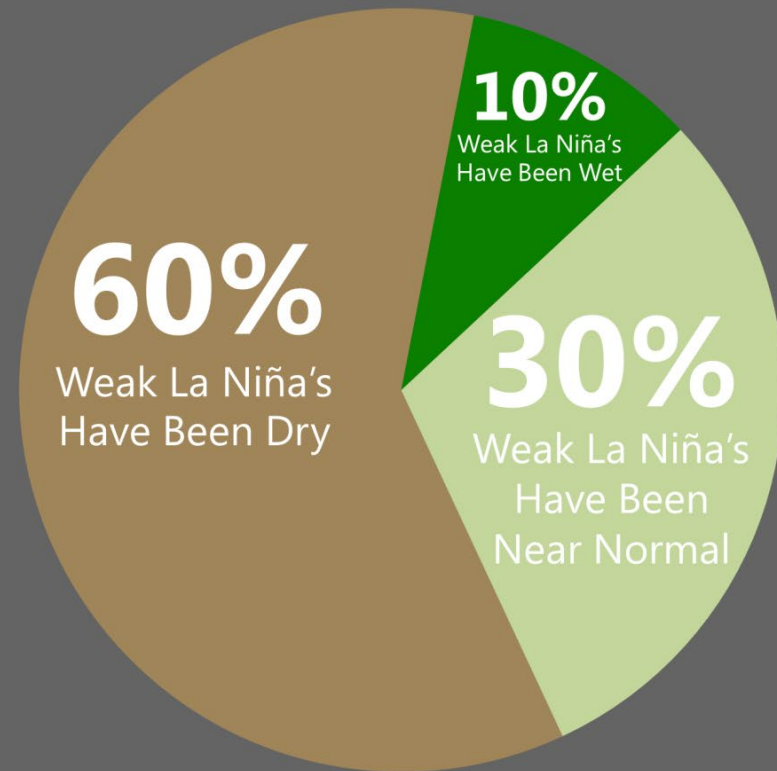


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Weak La Niña and California Precipitation

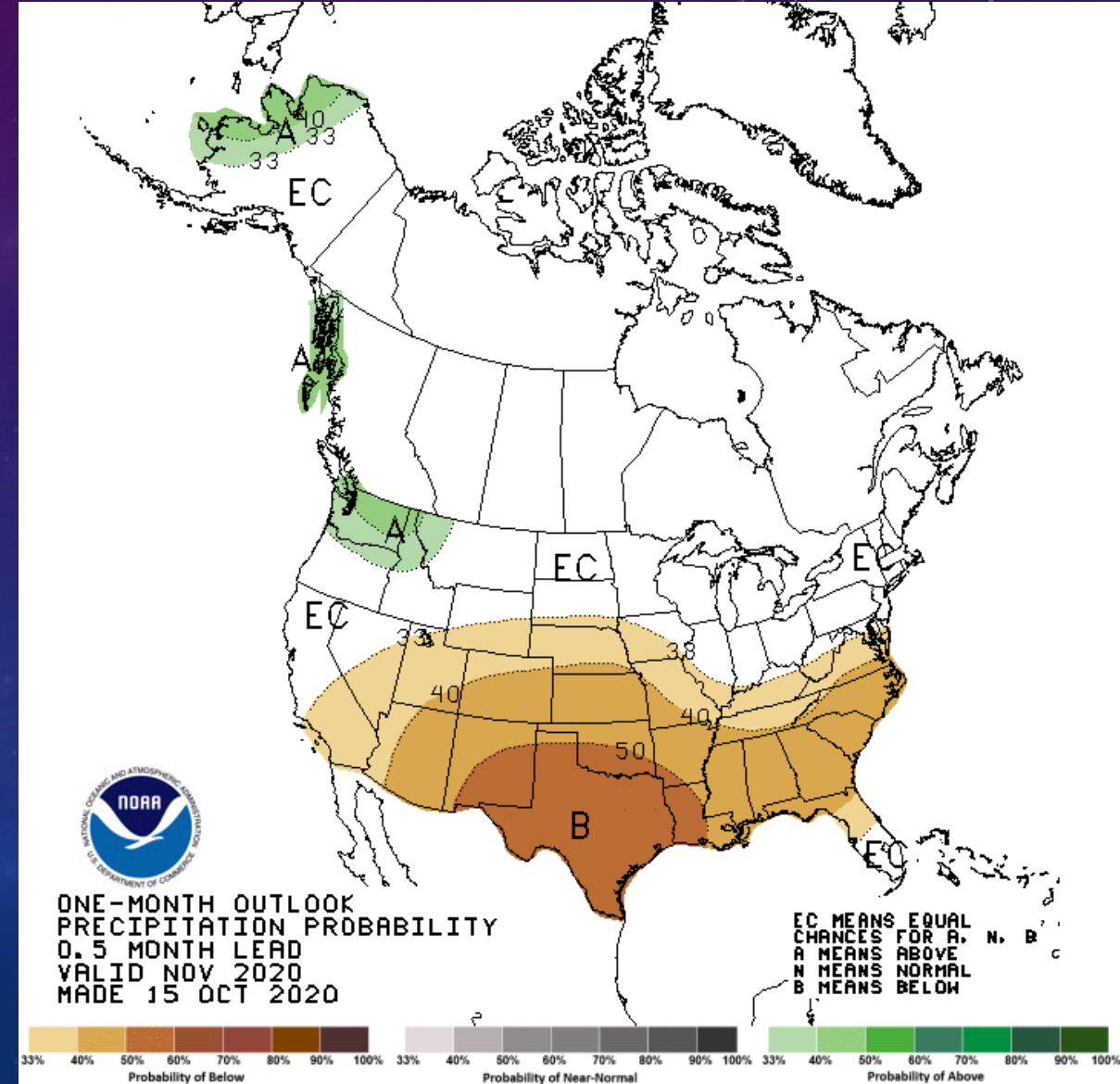
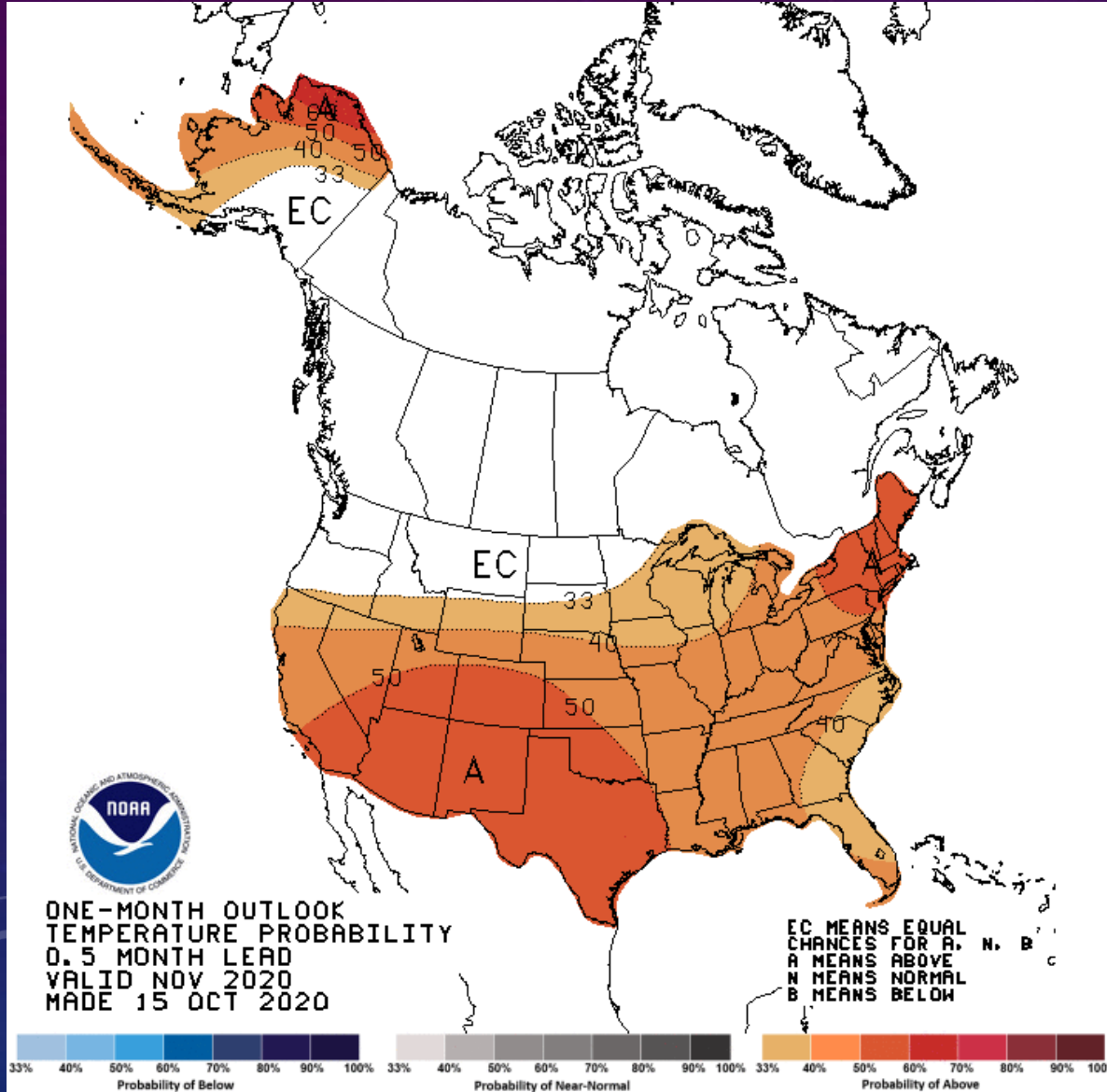
Statewide Summary



Based on 10 historical Weak La Niña Seasons
Data: PRISM, Oregon State University

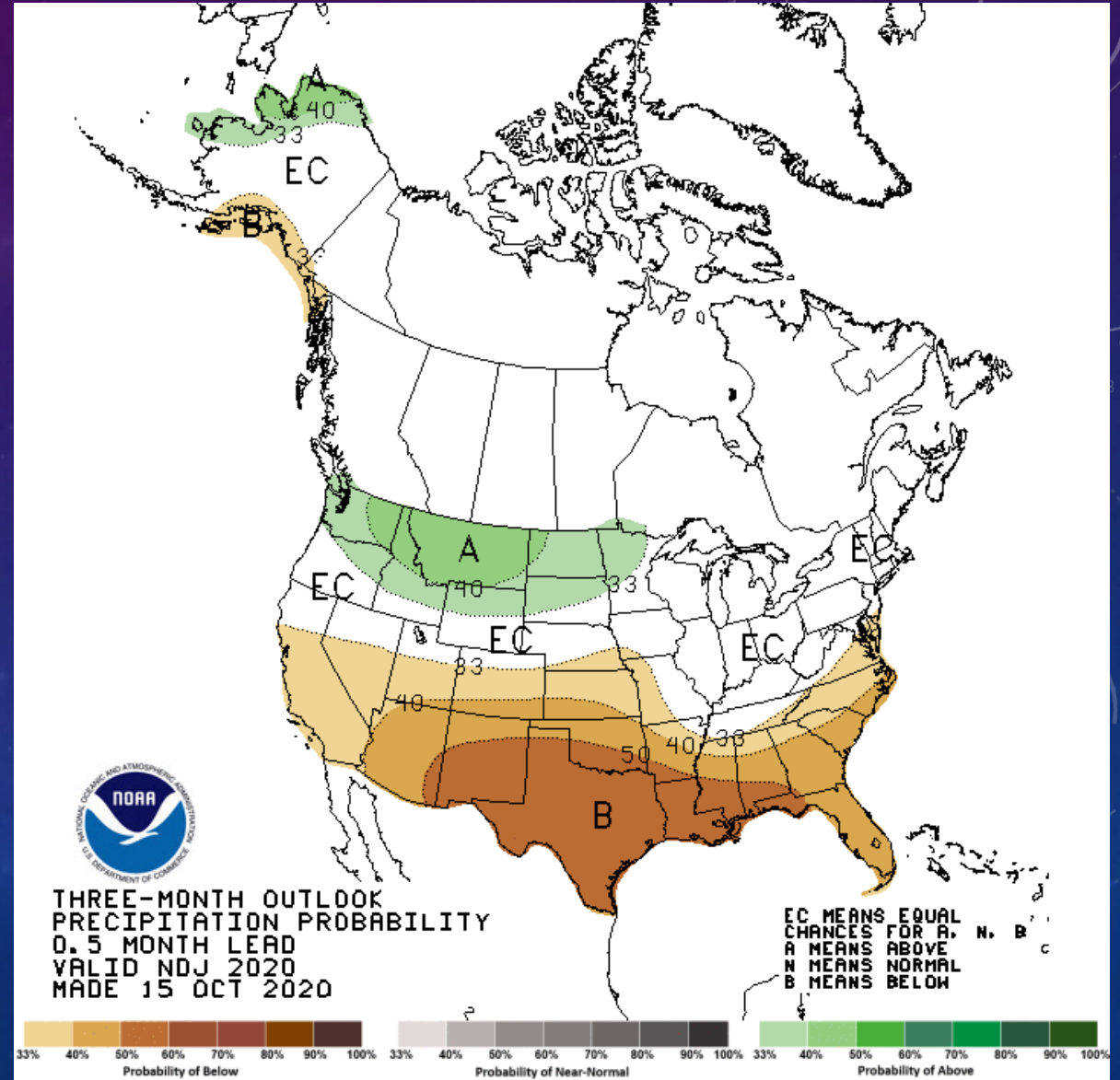
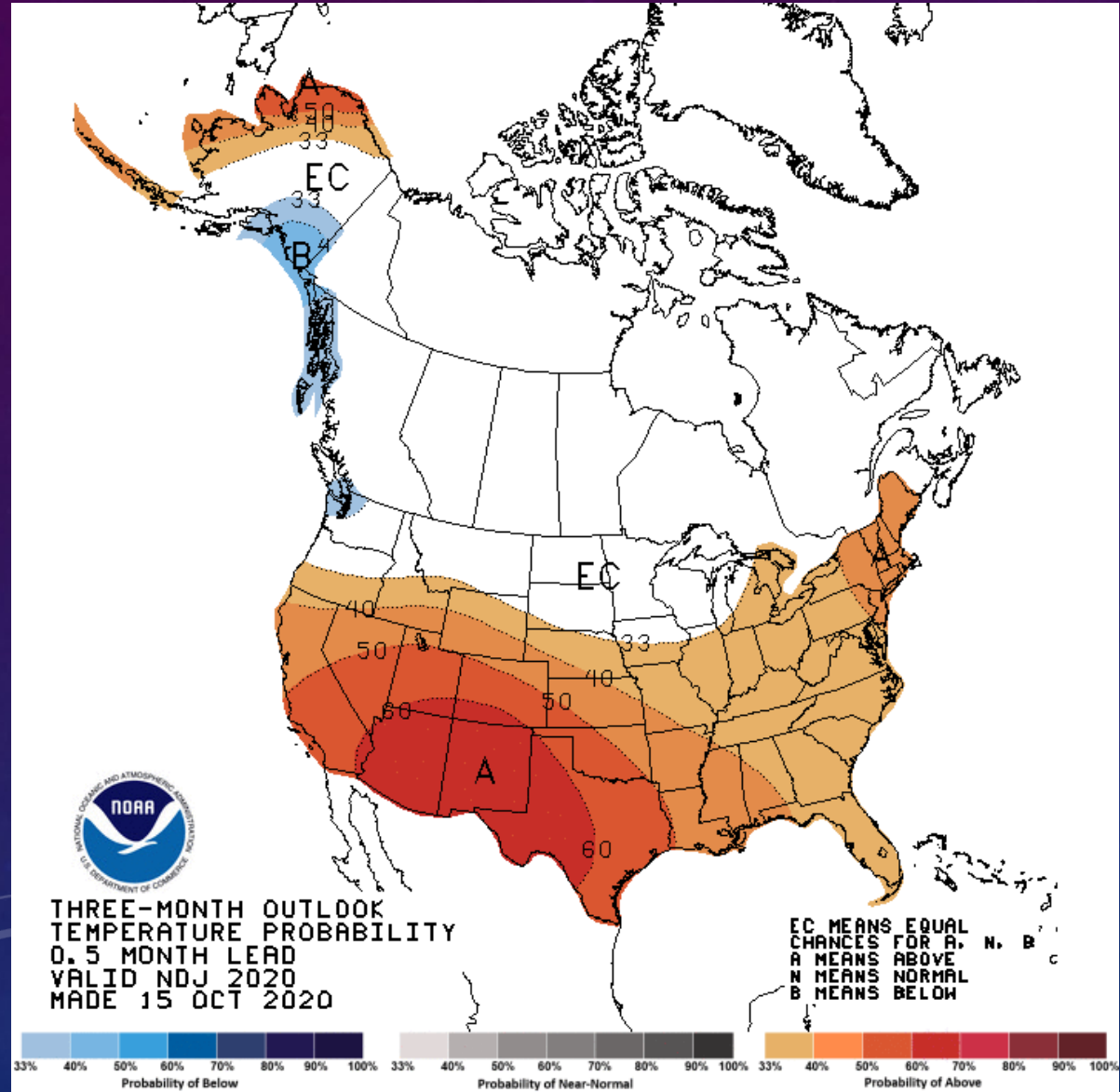


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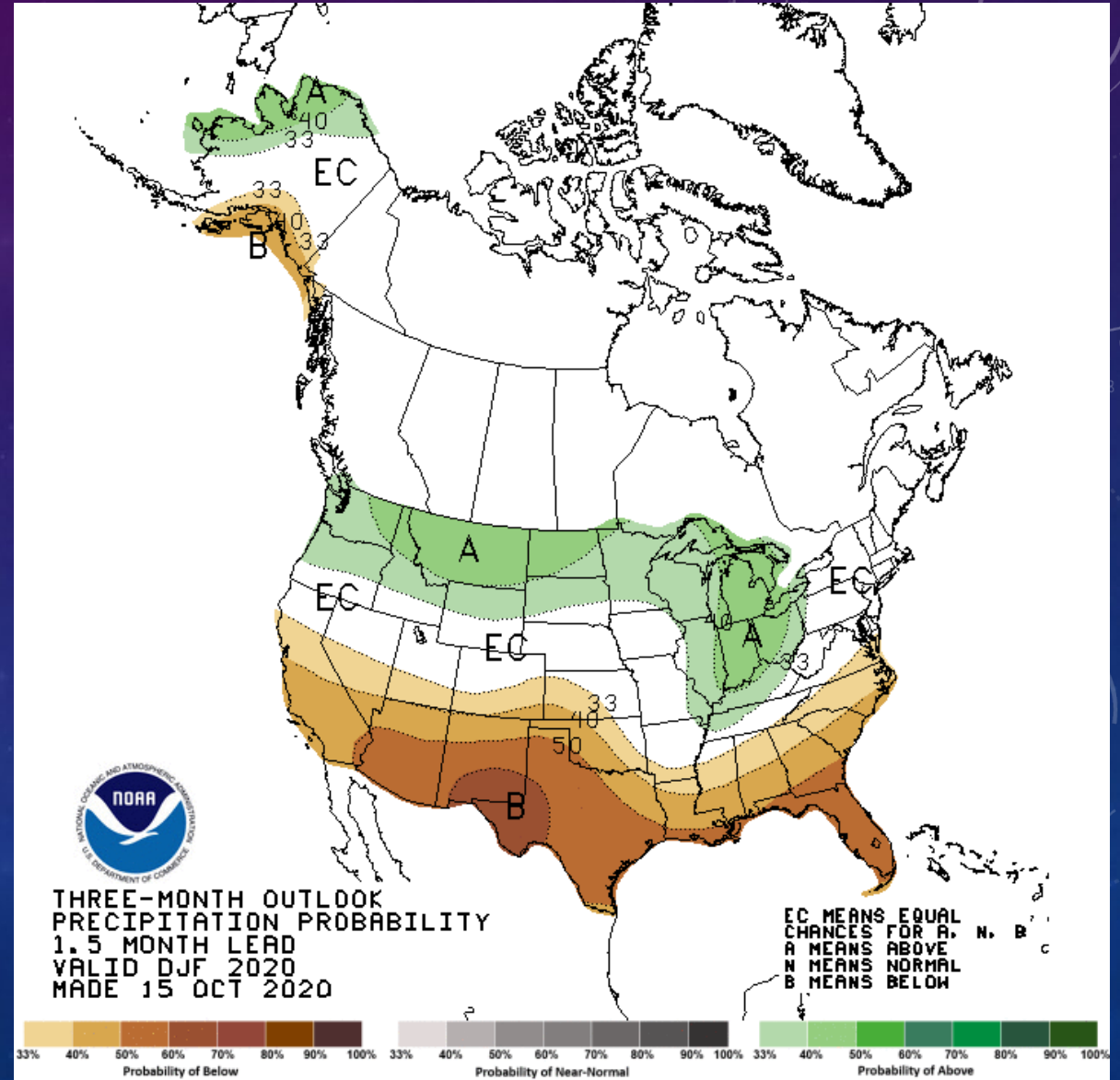
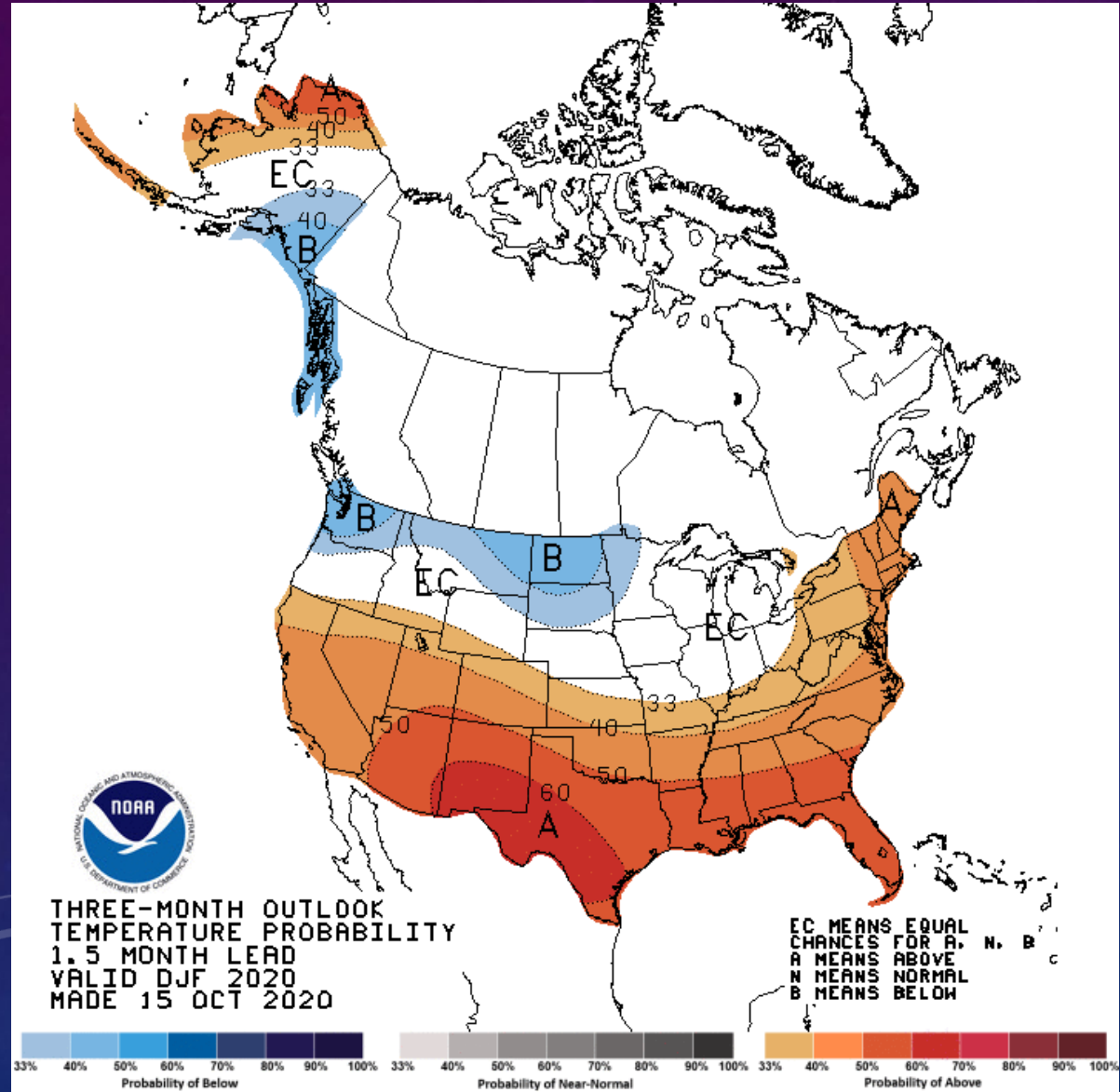


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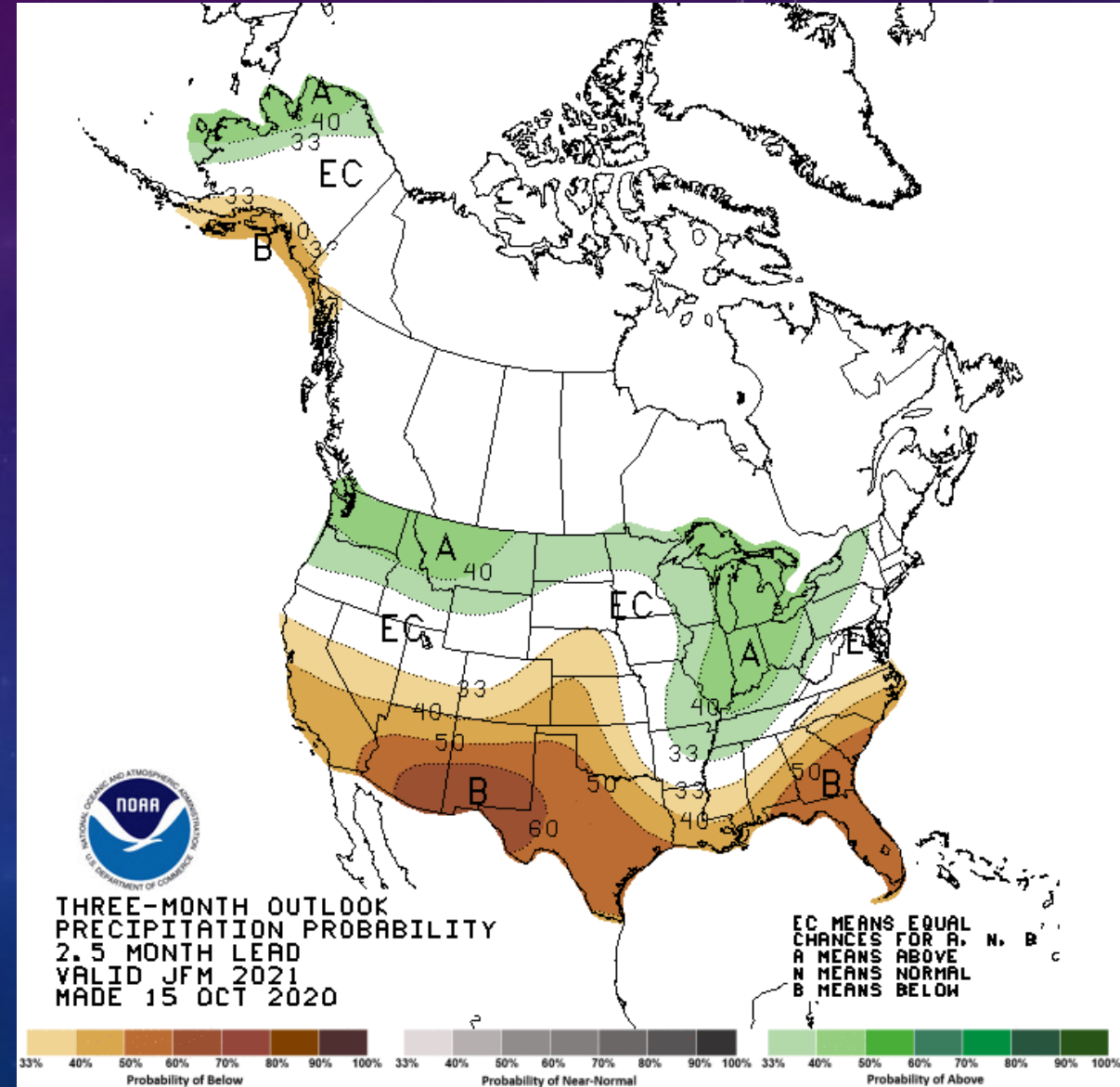
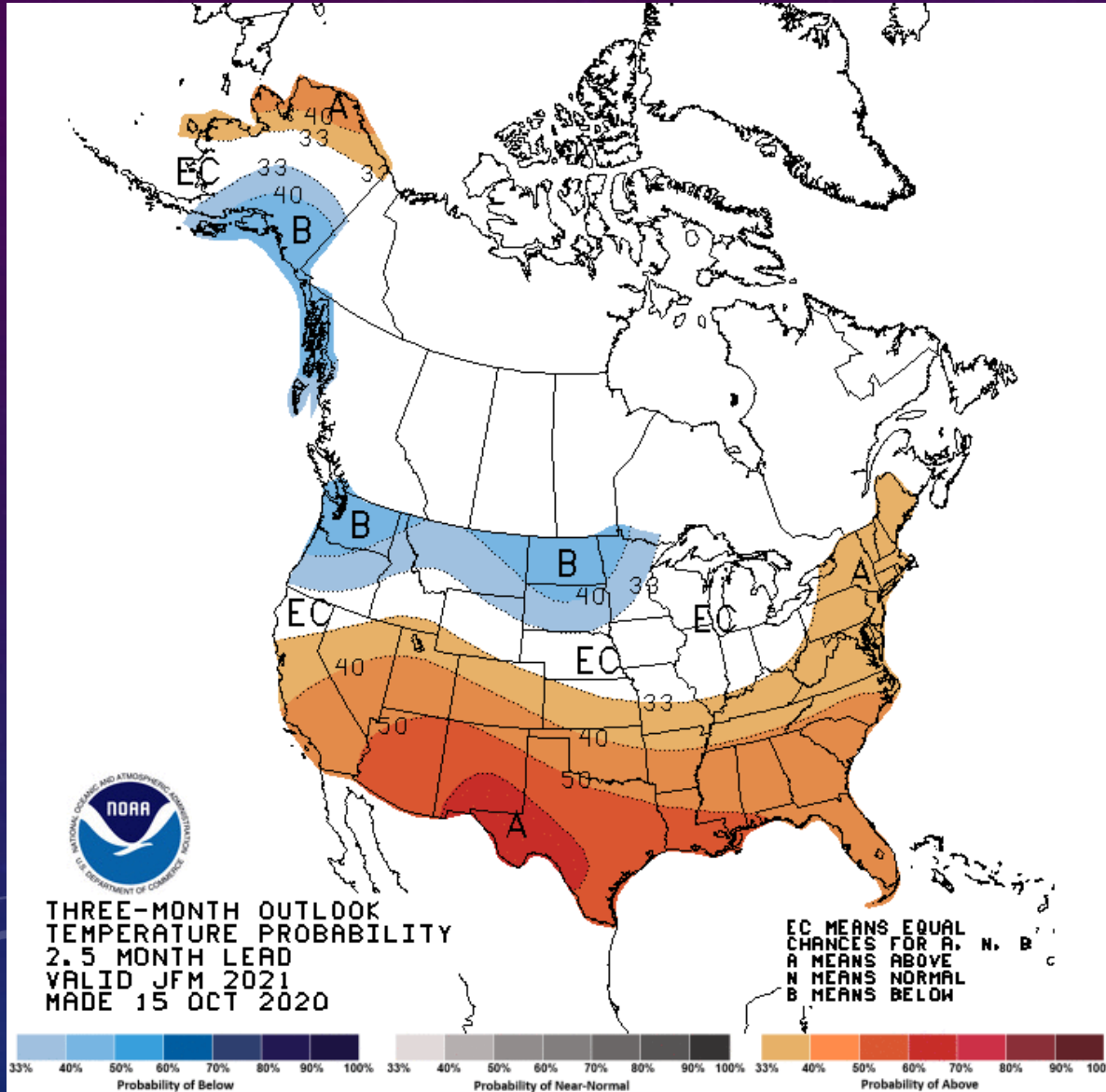


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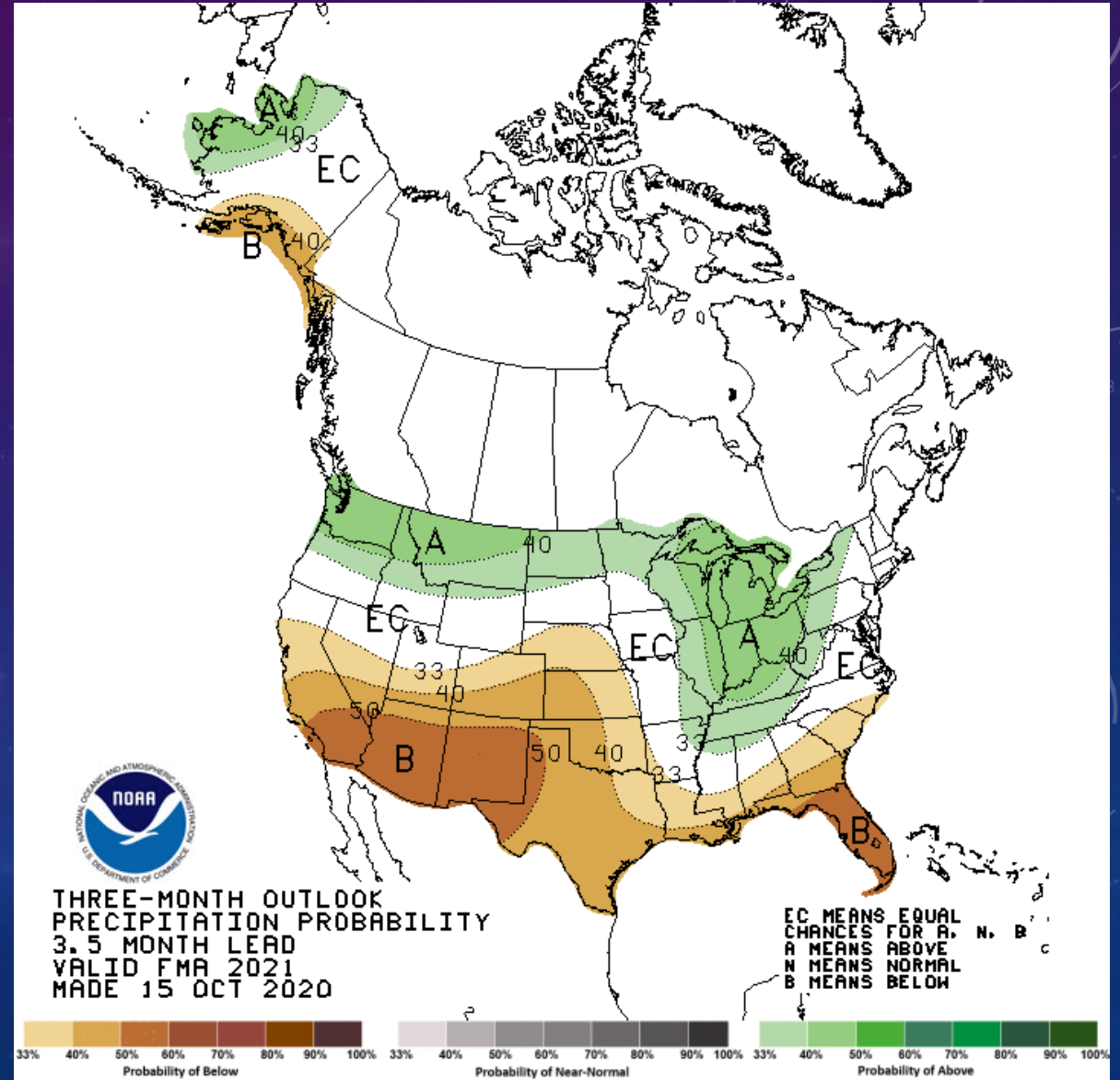
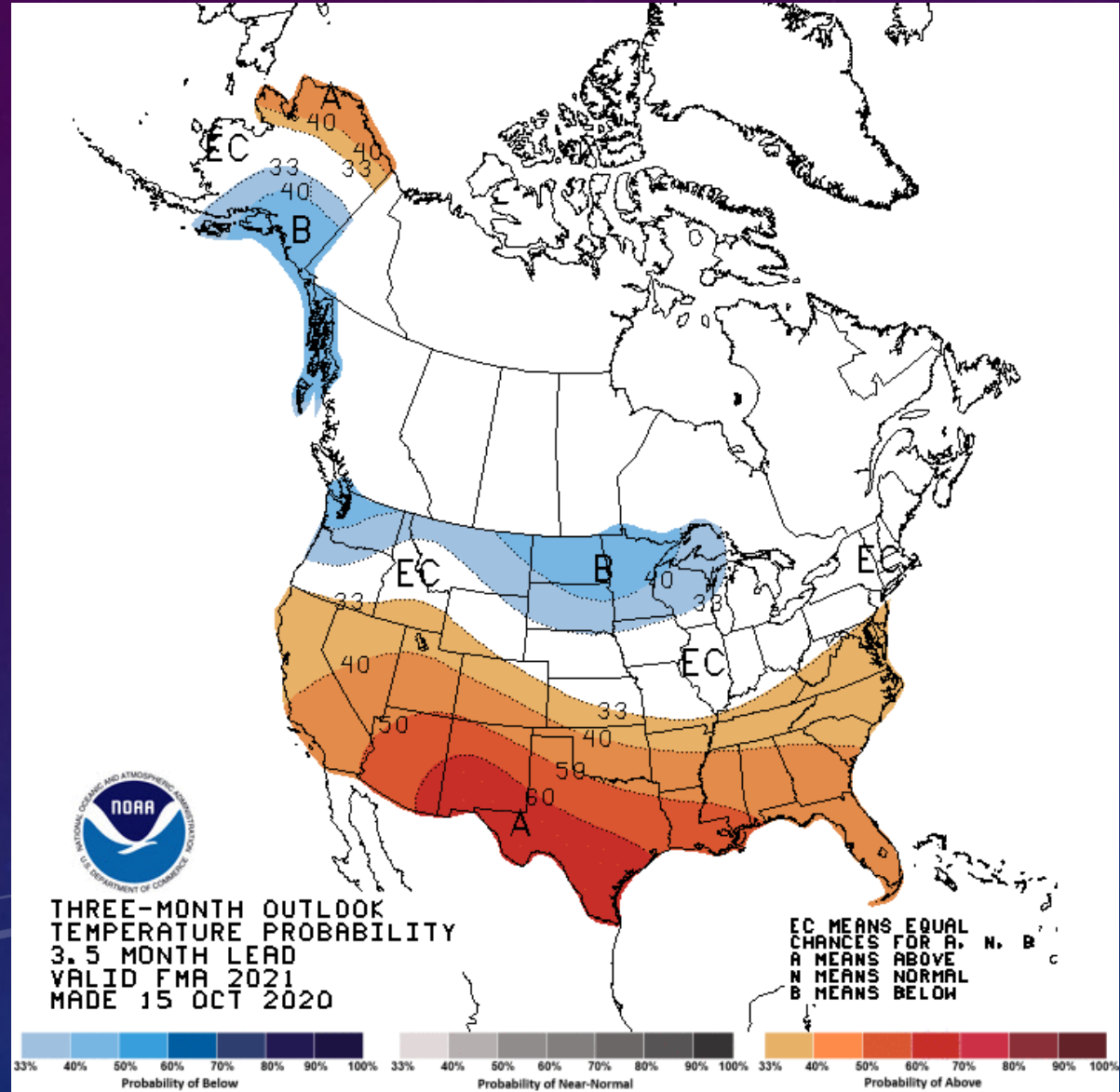


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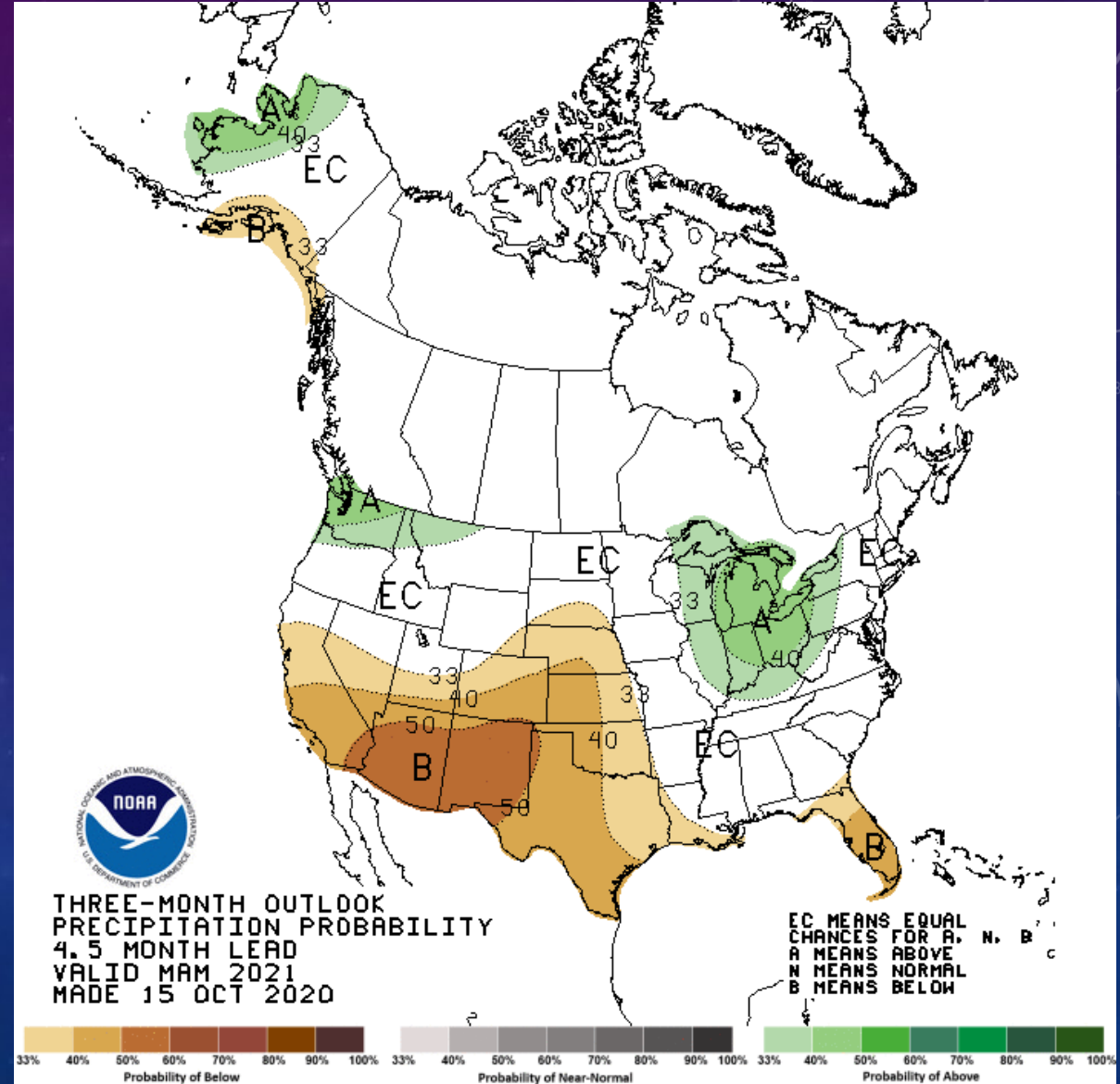
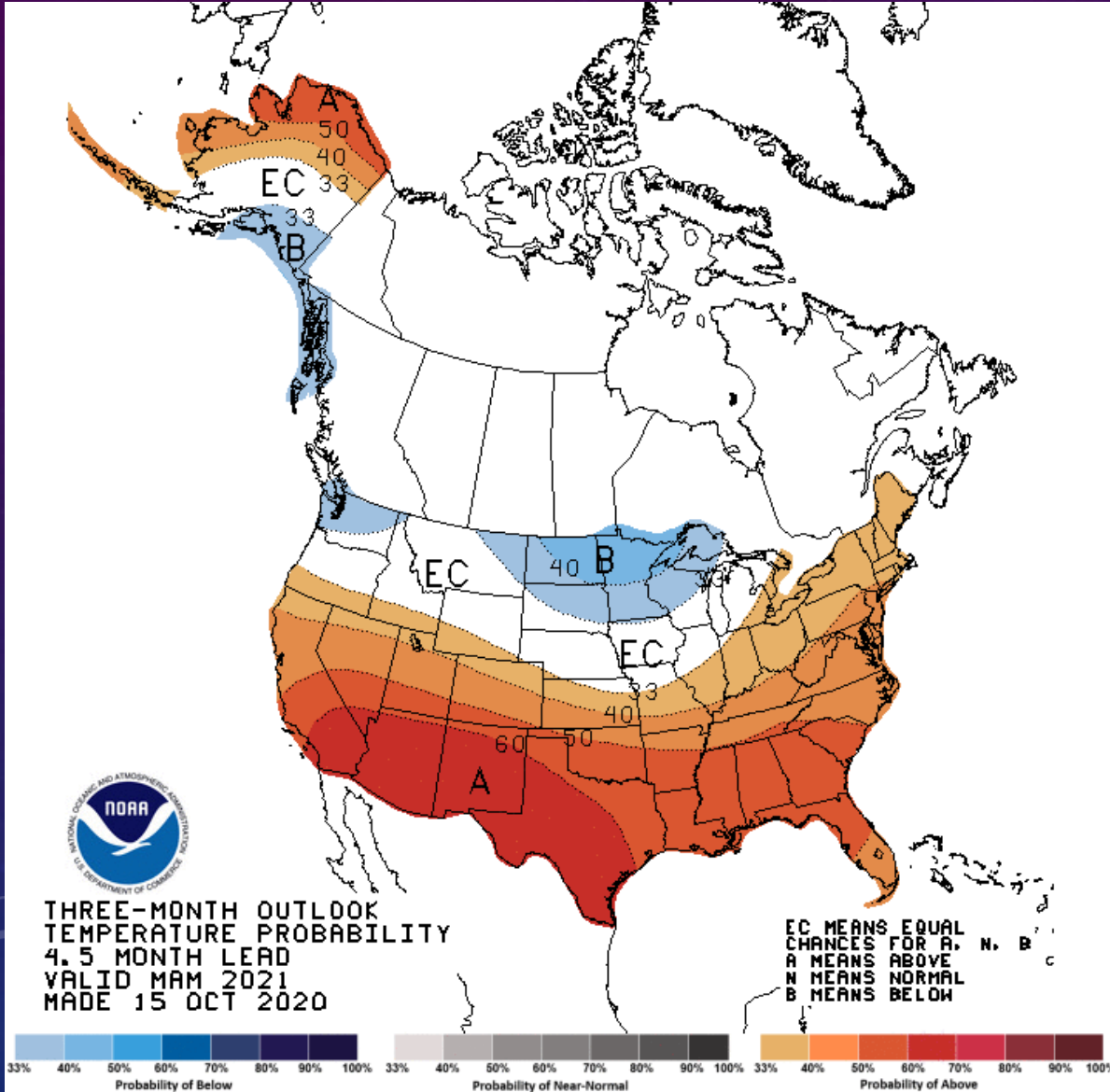


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Other Winter Hazards

- Wind
- Ocean
- Hail





CZU Flash Flood Warning for Debris Flow Thresholds

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