



Drought Information Statement for SW Idaho and SE Oregon

Current Status, Impacts, and Outlook [Beta Test 2023]

Issued By: NWS Boise, ID

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U.S. Drought Monitor

[Link to the latest U.S. Drought Monitor Map](#)

- Drought intensity and Extent
 - D1 Moderate Drought: NW Harney County in Oregon
 - D0 Abnormally Dry: Portions of Harney & Baker Counties in Oregon, and portions of Adams, Valley, Camas, Jerome, and Twin Falls Counties in Idaho

U.S. Drought Monitor Boise, ID WFO

September 12, 2023
(Released Thursday, Sep. 14, 2023)
Valid 8 a.m. EDT

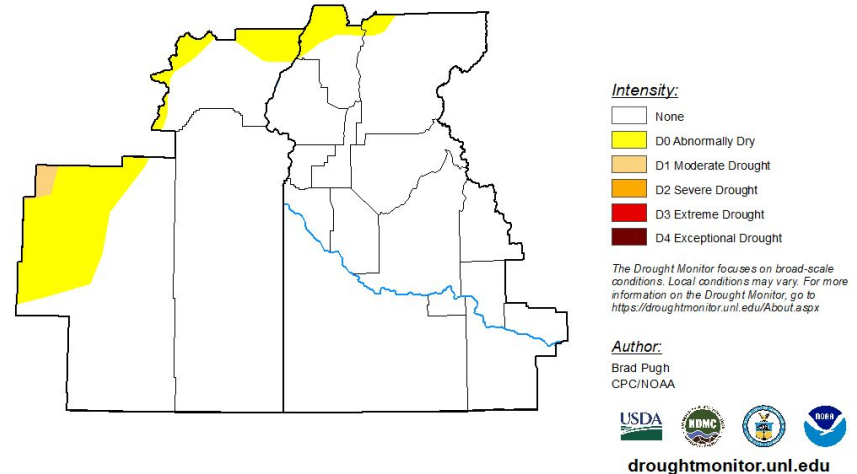


Image Caption: U.S. Drought Monitor valid 8am EDT September 5th, 2023





Recent Change in Drought Intensity

[Link to the latest 4-week change map](#)

- Four Week Drought Monitor Class Change
 - Drought Improved: Northern Baker County in Oregon, and Washington, Adams, and Valley Counties in Idaho

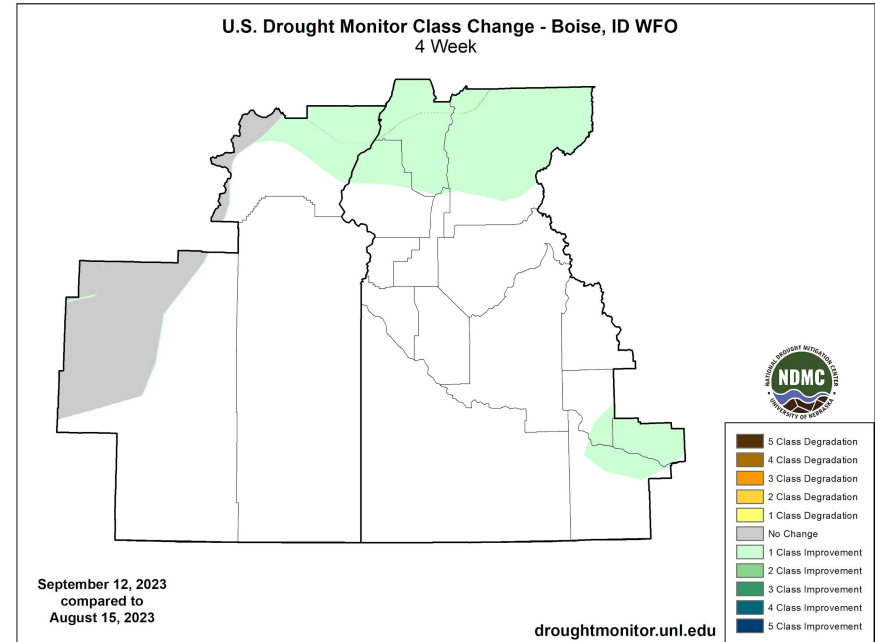
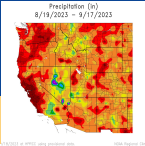


Image Caption: U.S. Drought Monitor 4-week change map valid 8am EDT September 5th.

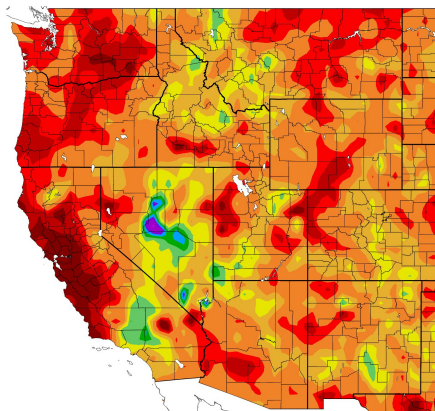


Precipitation

Main Takeaways

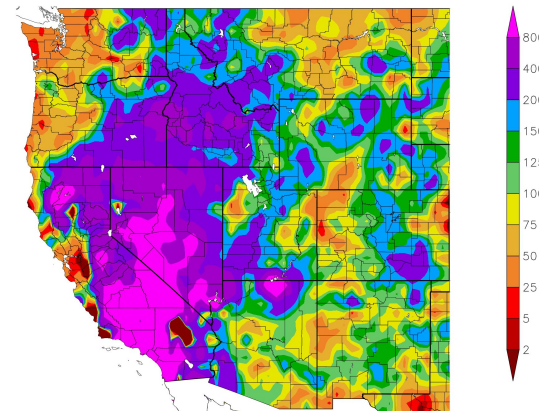
- Unusually wet conditions occurred across the area, primarily due to the remnants of Hurricane Hilary which produced 2 to 3 inches of rain across portions of Malheur and Baker Counties in Oregon, and Washington County in Idaho
- Rainfall exceeded 150% of normal across SW Idaho and SE Oregon, with much of the area exceeding 400% of normal.

Precipitation (in)
8/20/2023 - 9/18/2023



Generated 9/19/2023 at HPRCC using provisional data.

Percent of Normal Precipitation (%)
8/20/2023 - 9/18/2023



NOAA Regional Climate Centers Generated 9/19/2023 at HPRCC using provisional data.

NOAA Regional Climate Centers

Image Captions:

Left - Precipitation Amount for Western US

Right - Percent of Normal Precipitation for Western US

Data Courtesy High Plains Regional Climate Center.

Data over the past 30 days ending September 12, 2023



Temperature

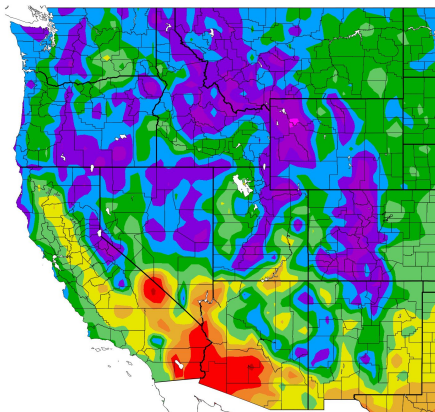
Main Takeaways

- Temperatures over the past 30 days have been above normal, generally 2 to 4 degrees above normal over a widespread area

Possible Impact

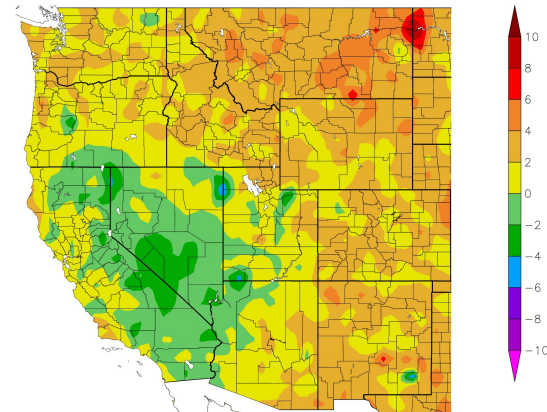
Possible Impact Goes Here

Temperature (F)
8/20/2023 – 9/18/2023



Generated 9/19/2023 at HPRCC using provisional data.

Departure from Normal Temperature (F)
8/20/2023 – 9/18/2023



NOAA Regional Climate Centers Generated 9/19/2023 at HPRCC using provisional data.

NOAA Regional Climate Centers

Image Captions:

Left - Average Temperature

Right - Departure from Normal Temperature

Data Courtesy High Plains Regional Climate Center.

Data over the past 30 days ending September 12, 2023

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Summary of Impacts

Hydrologic Impacts

- There are no known impacts at this time

Agricultural Impacts

- There are no known impacts at this time

Fire Hazard Impacts

- There are no known impacts at this time

Other Impacts

- There are no known impacts at this time

Mitigation actions

- “None reported” or “Please refer to your municipality and/or water provider for mitigation information.”





Hydrologic Conditions

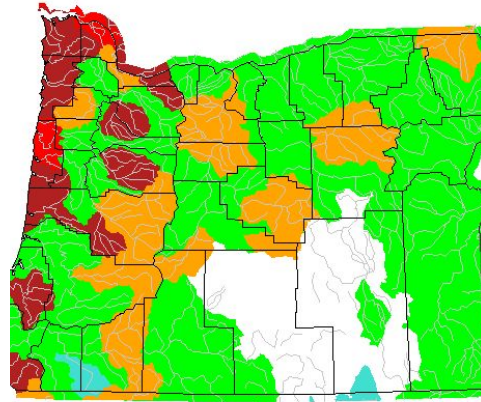
Main Takeaways

- Main Takeaway
- Main Takeaway

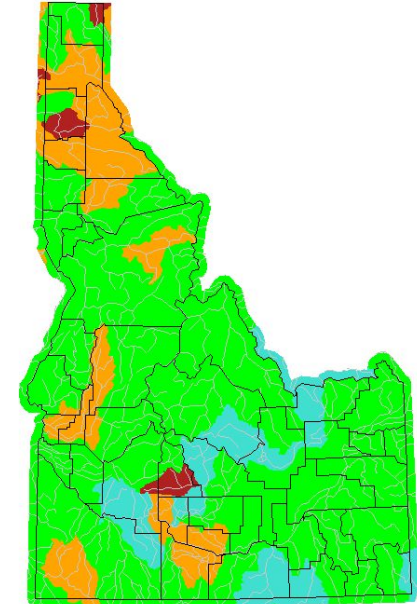
Impacts

Hydrologic Impacts Go Here

Monday, September 18, 2023



Monday, September 18, 2023



Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		



Image Caption: USGS 7 day average streamflow HUC map valid 09/12/2023



Agricultural Impacts

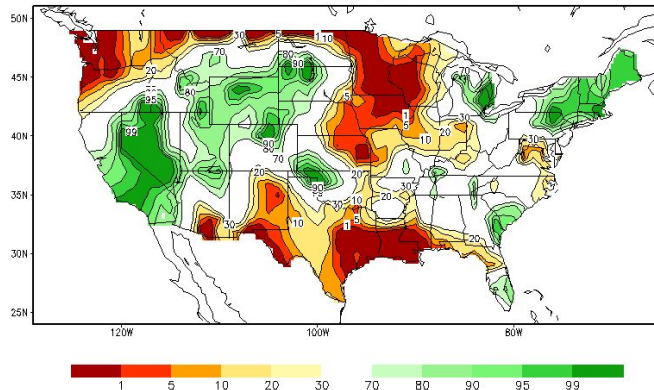
Main Takeaways

- Main Takeaway
- Main Takeaway

Impacts

Agricultural Impacts Go Here

Calculated Soil Moisture Ranking Percentile
SEP 18, 2023



Crop Moisture Index by Division
Weekly Value for Period Ending SEP 16, 2023
Short Term Need vs. Available Water in a Shallow Soil Profile

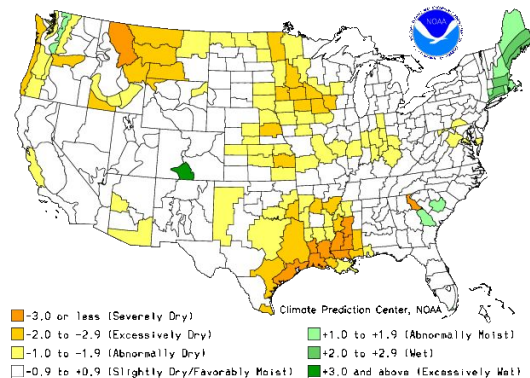


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid April 20, 2023

Right: [Crop Moisture Index by Division](#). Weekly value for period ending April 15, 2023



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Fire Hazard Impacts

Main Takeaways

- Main Takeaway
- Main Takeaway

Latest TX Burn Ban map available [here](#).

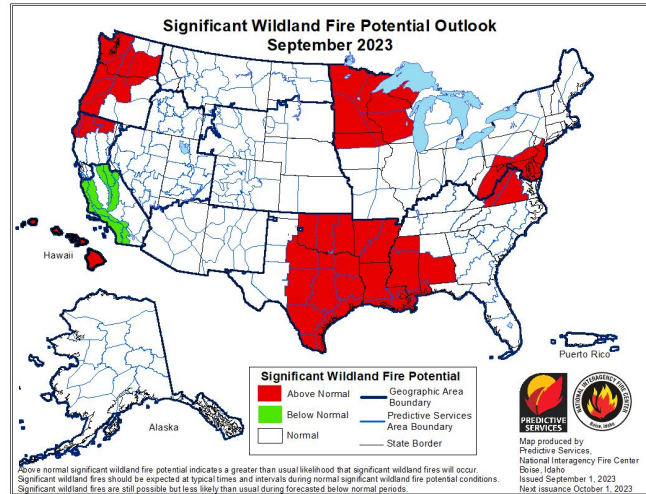


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for April 2023



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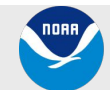
Other Impacts

Main Takeaways

- Main Takeaway
- Main Takeaway

Impacts

Impacts Go Here





Seven Day Precipitation Forecast

- Next 7 days:
 - Main Takeaway

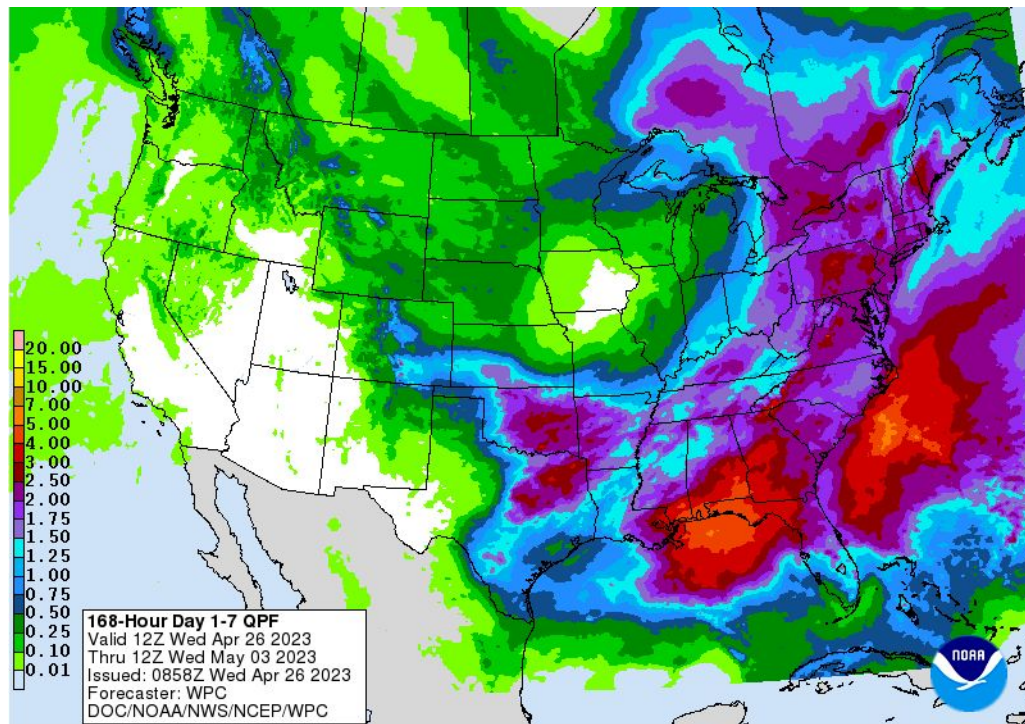


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Friday April 21 to Friday April 28





6-10 Day Outlook

Temperature and Precipitation Outlook

Main Takeaways

- Main Takeaway
- Main Takeaway

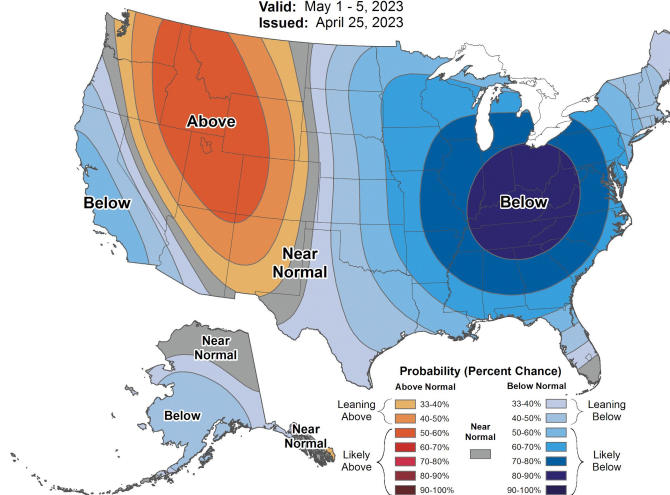
Possible Impact

Possible Impact Goes Here



6-10 Day Temperature Outlook

Valid: May 1 - 5, 2023
Issued: April 25, 2023



6-10 Day Precipitation Outlook

Valid: May 1 - 5, 2023
Issued: April 25, 2023

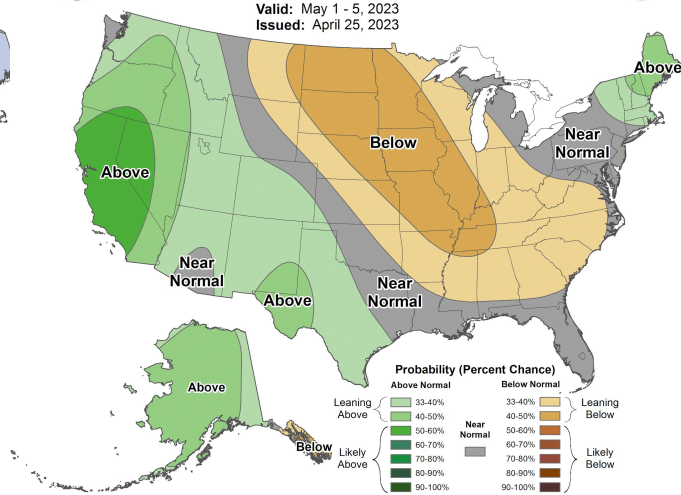


Image Captions:

Left - [Climate Prediction Center 6-10 Day Temperature Outlook.](#)

Right - [Climate Prediction Center 6-10 Day Precipitation Outlook.](#)

Valid Month DD to DD.



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8-14 Day Outlook

Temperature and Precipitation Outlook

Main Takeaways

- Main Takeaway
- Main Takeaway

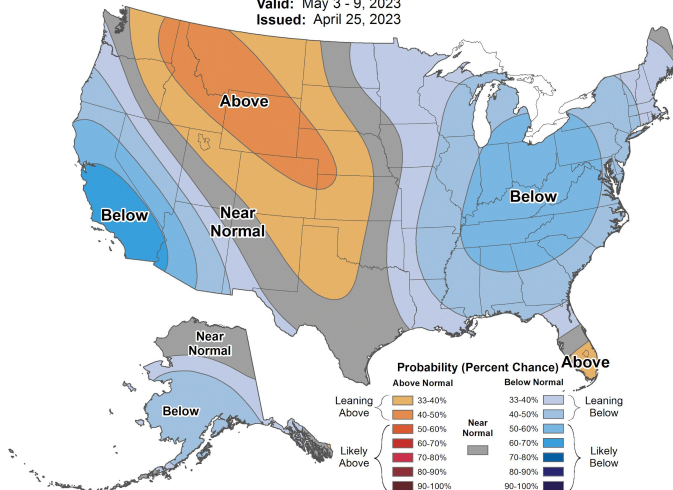
Possible Impact

Possible Impact Goes Here



8-14 Day Temperature Outlook

Valid: May 3 - 9, 2023
Issued: April 25, 2023



8-14 Day Precipitation Outlook

Valid: May 3 - 9, 2023
Issued: April 25, 2023

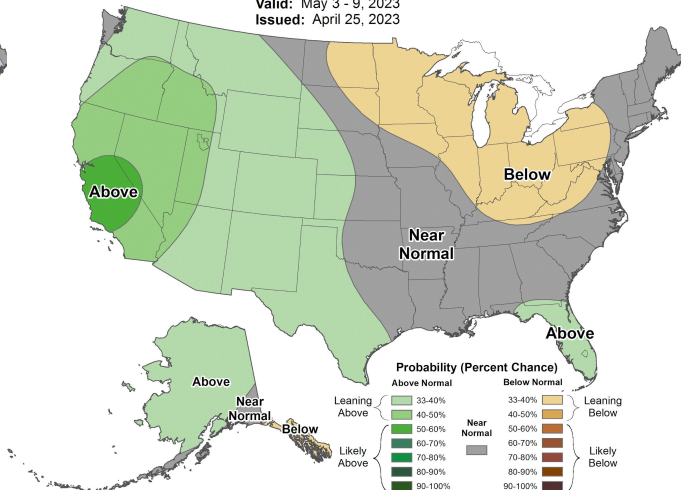


Image Captions:

Left - [Climate Prediction Center 8-14 Day Temperature Outlook](#).
Right - [Climate Prediction Center 8-14 Day Precipitation Outlook](#).

Valid Month DD to DD.



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Weeks 3-4 Outlook

Temperature and Precipitation Outlook

Main Takeaways

- Main Takeaway
- Main Takeaway

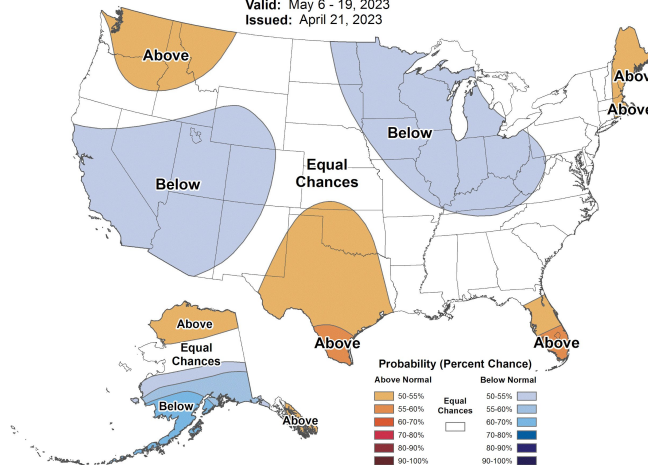
Possible Impact

Possible Impact Goes Here



Weeks 3-4 Temperature Outlook

Valid: May 6 - 19, 2023
Issued: April 21, 2023



Weeks 3-4 Precipitation Outlook

Valid: May 6 - 19, 2023
Issued: April 21, 2023

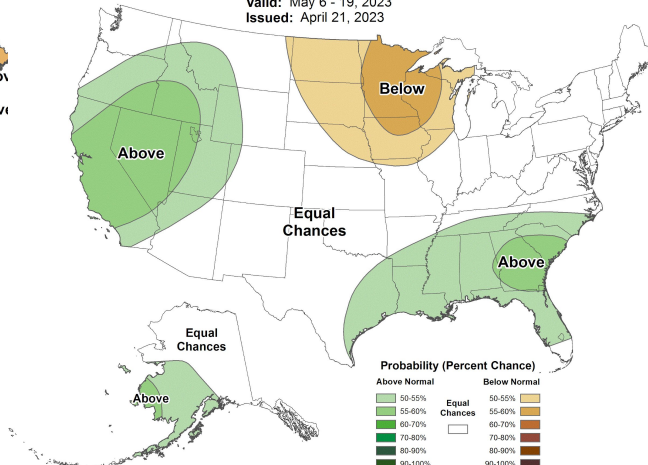


Image Captions:

Left - [Climate Prediction Center Weeks 3-4 Temperature Outlook.](#)

Right - [Climate Prediction Center Weeks 3-4 Precipitation Outlook.](#)

Valid Month DD to DD.



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ENSO Status

El Niño Southern Oscillation (ENSO)

ENSO Status Headline

Summary Text (Example: La Niña conditions continue in the Pacific and remain reflected in the ocean and atmospheric indicators)

- Main Takeaway
- Main Takeaway

Impact(s)

Impact(s) goes here

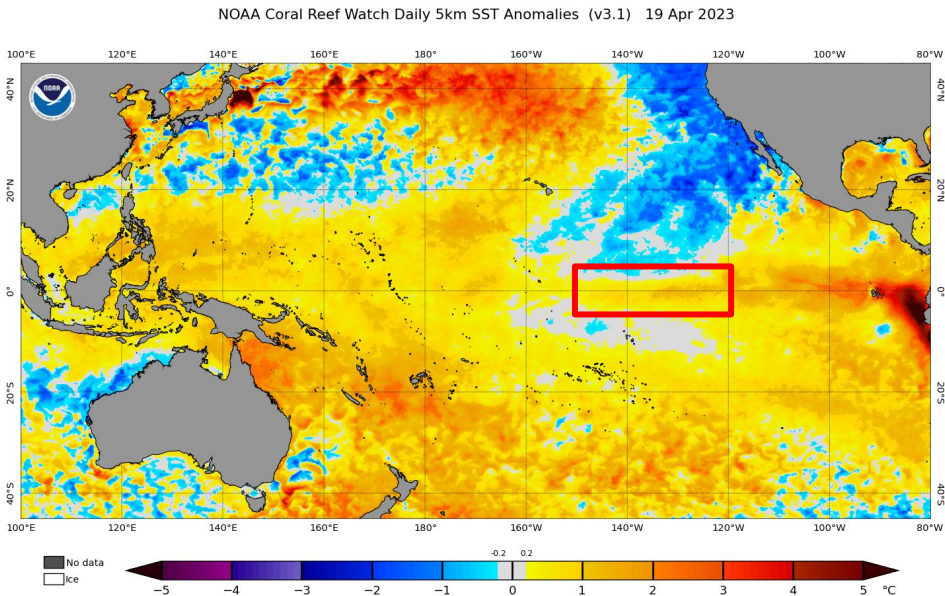


Image Caption: Daily 5km SST Anomaly map for the Pacific Ocean, valid April 9, 2023. The Niño3.4 region is highlighted within the red box.





ENSO Outlook

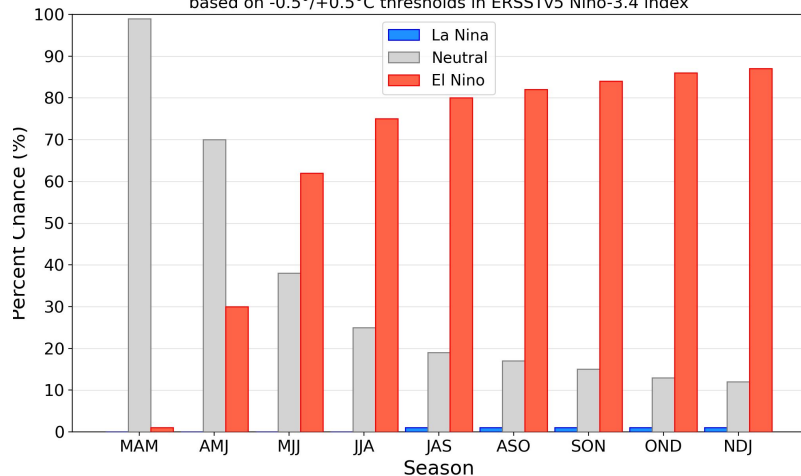
El Niño Southern Oscillation (ENSO)

ENSO Forecast - Headline

Summary Text (Example: La Niña conditions are favored to continue through winter and into spring, with a 90% chance of La Niña continuing through DJF with 50% chance of La Niña continuing into MAM.)

Official NOAA CPC ENSO Probabilities (issued Apr. 2023)

based on $-0.5^{\circ}/+0.5^{\circ}\text{C}$ thresholds in ERSSTv5 Niño-3.4 index



NMME scaled Niño3.4, IC=202304

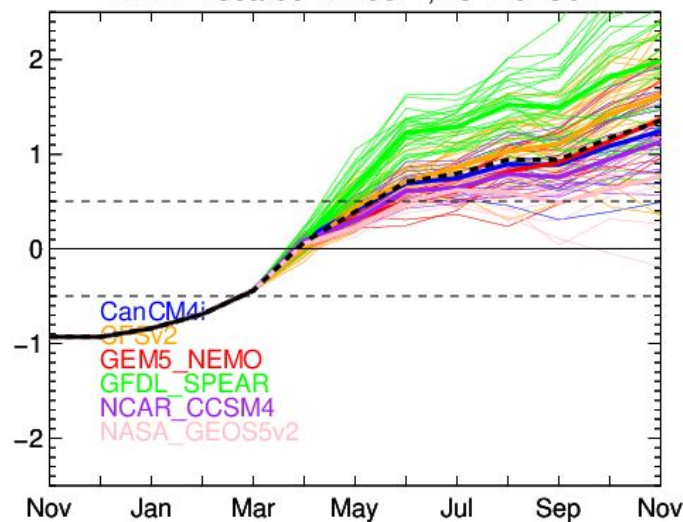


Image Captions:

Left - Climate Prediction Center El Niño Southern Oscillation (ENSO) Probabilities Outlook Issued MM YYYY

Right - [North American Multi-Model Ensemble \(NMME\) Niño 3.4 Sea Surface Temperature Anomaly forecast](#)



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ENSO Teleconnections

El Niño Southern Oscillation (ENSO) Impacts

Typical ENSO Impacts

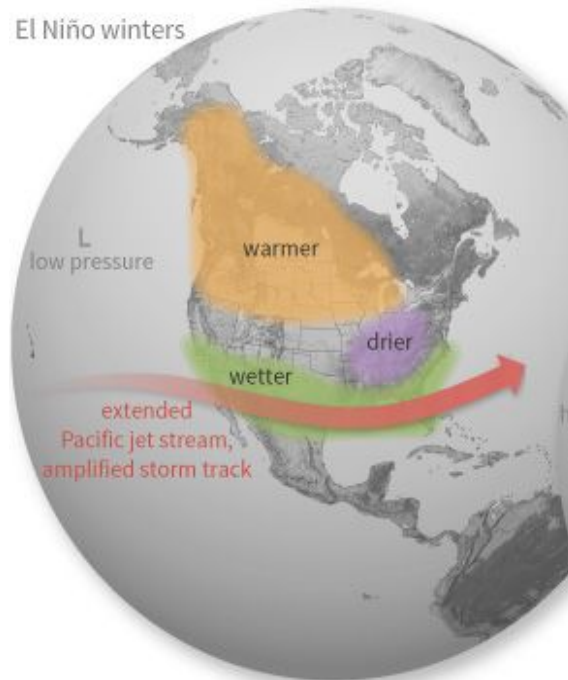
Typical La Niña Winters

- Favor drier conditions along the southern tier of the CONUS with warmer conditions favored across the southeast
- Favor wetter conditions in the Pacific Northwest as well as across the Ohio Valley region

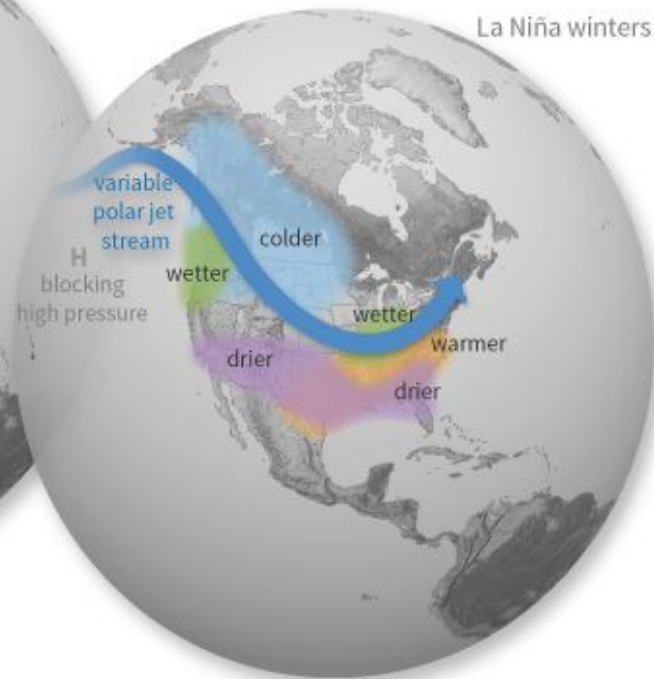
Typical El Niño Winters

- Favors warmer conditions across the northern tier of the CONUS northward into Canada and Alaska.
- An extended Pacific jet stream tends to bring wetter conditions along the southern tier of the CONUS with drier conditions favored across the Ohio Valley.

El Niño winters



La Niña winters



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Monthly Outlooks

Monthly Temperature and Precipitation Outlook

Main Takeaways

- Main Takeaway
- Main Takeaway

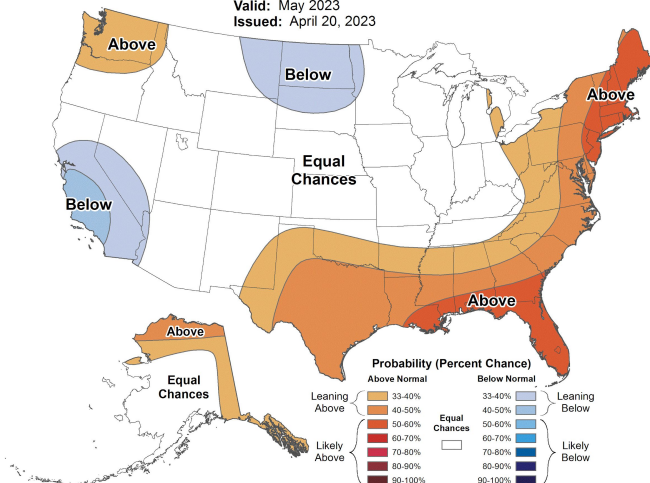
Possible Impact

Possible Impact Goes Here



Monthly Temperature Outlook

Valid: May 2023
Issued: April 20, 2023



Monthly Precipitation Outlook

Valid: May 2023
Issued: April 20, 2023

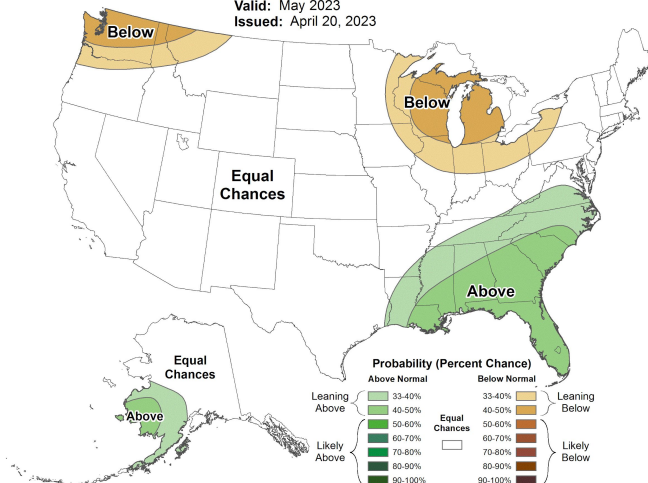


Image Captions:

Left - [Climate Prediction Center Monthly Temperature Outlook.](#)

Right - [Climate Prediction Center Monthly Precipitation Outlook.](#)

Valid MM YYYY



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Monthly Climate Outlook

Monthly Temperature and Precipitation Outlook

Main Takeaways

- Main Takeaway
- Main Takeaway

Possible Impact

Possible Impact Goes Here

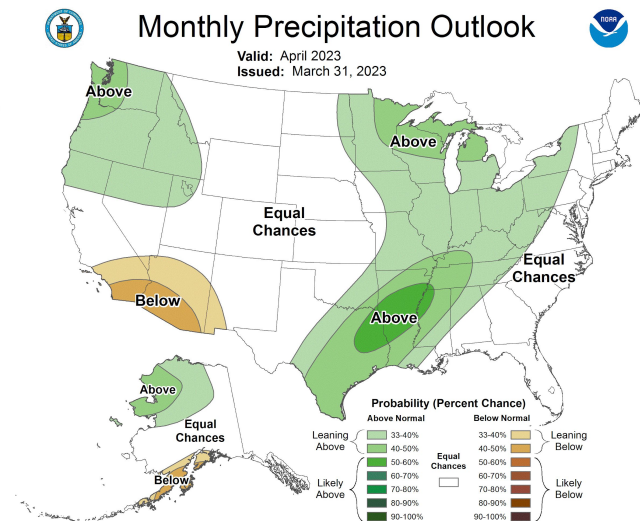
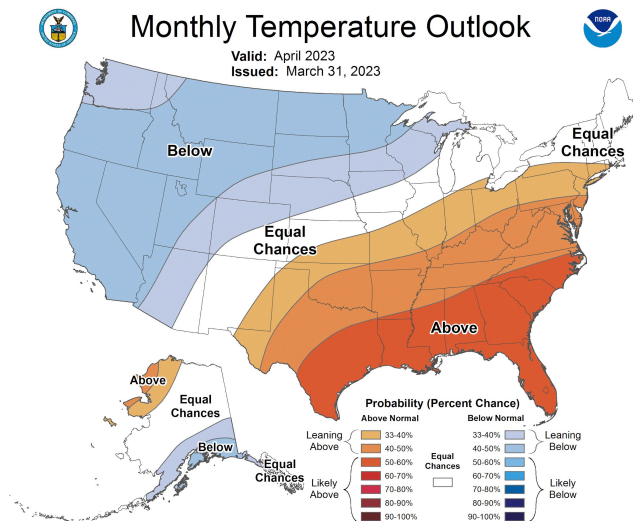


Image Captions:

Left - [Climate Prediction Center Monthly Temperature Outlook.](#)

Right - [Climate Prediction Center Monthly Precipitation Outlook.](#)

Valid MM YYYY.



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Seasonal Climate Outlook

Seasonal Temperature and Precipitation Outlook

Main Takeaways

- Main Takeaway
- Main Takeaway

Possible Impact

Possible Impact Goes Here

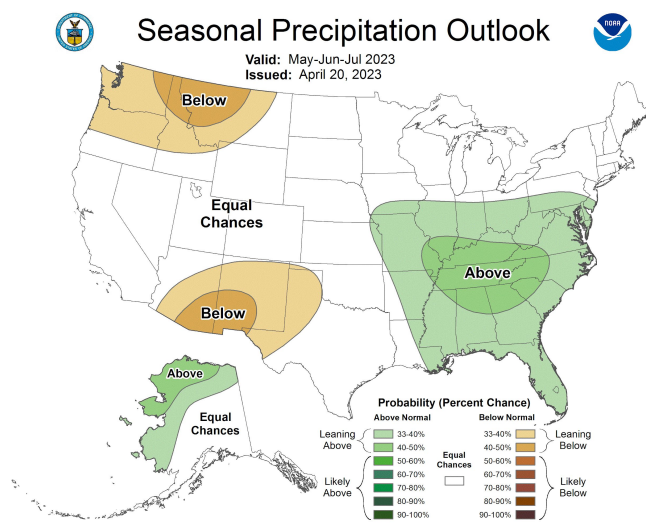
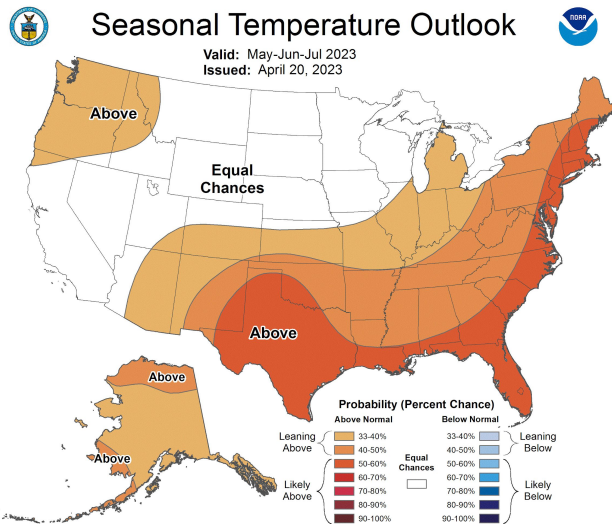


Image Captions:

Left - [Climate Prediction Center Seasonal Temperature Outlook](#).
Right - [Climate Prediction Center Seasonal Precipitation Outlook](#).

Valid MM to MM YYYY.



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Drought Outlook

Main Takeaways

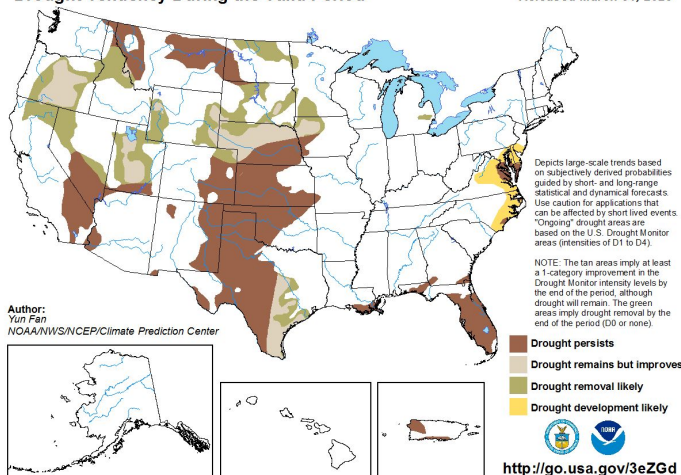
- Main Takeaway
- Main Takeaway

Possible Impact

Possible Impact Goes Here

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

Valid for April 2023
Released March 31, 2023



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

Valid for April 20 - July 31, 2023
Released April 20

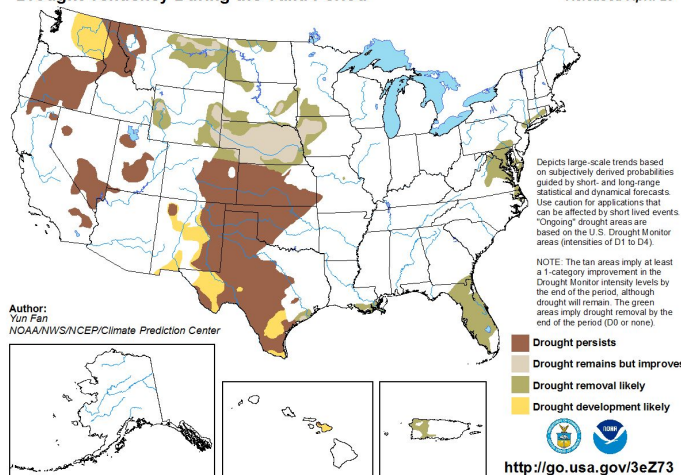


Image Captions:

Left - [Climate Prediction Center Monthly Drought Outlook](#) Released MM DD, YYYY valid for MM YYYY

Right - [Climate Prediction Center Seasonal Drought Outlook](#) Released MM DD, YYYY valid for MM-MM YYYY



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