



# Drought Information Statement for New Mexico

Valid March 11, 2024

Issued By: WFO Albuquerque, NM

Contact Information: [sr-abq.webmaster@noaa.gov](mailto:sr-abq.webmaster@noaa.gov)

- This product will be updated April 12, 2024 or sooner if drought conditions change significantly.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/abq/DroughtInformationStatement> for previous statements.



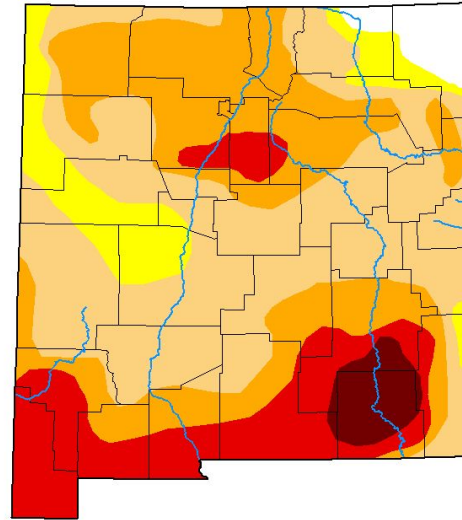


# U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for New Mexico

- DROUGHT CONDITIONS WIDESPREAD IN NM
  - **D4:** 3.51% of the state is under **Exceptional Drought** conditions. Primarily in the SE.
  - **D3:** 15.77% of the state is under **Extreme Drought** conditions. S NM primarily.
  - **D2:** 27.99% of the state is under **Severe Drought** conditions. Widespread throughout the state.
  - **D1:** 40.91% of the state is under **Moderate Drought** conditions.
  - **D0:** 9% of the state is under **Abnormally Dry** conditions. Confined to small areas in west central and northeast NM.

## U.S. Drought Monitor New Mexico



**March 5, 2024**  
(Released Thursday, Mar. 7, 2024)  
Valid 7 a.m. EST

Drought Conditions (Percent Area)

|                                      | None  | D0-D4  | D1-D4 | D2-D4 | D3-D4 | D4   |
|--------------------------------------|-------|--------|-------|-------|-------|------|
| Current                              | 2.81  | 97.19  | 88.19 | 47.28 | 19.28 | 3.51 |
| Last Week<br>02-27-2024              | 2.82  | 97.18  | 88.19 | 47.86 | 19.28 | 3.51 |
| 3 Months Ago<br>12-05-2023           | 0.39  | 99.61  | 96.83 | 87.73 | 43.00 | 6.48 |
| Start of Calendar Year<br>01-02-2024 | 0.71  | 99.29  | 94.04 | 79.22 | 38.39 | 6.48 |
| Start of Water Year<br>09-26-2023    | 0.00  | 100.00 | 96.87 | 67.52 | 32.31 | 6.85 |
| One Year Ago<br>03-07-2023           | 28.27 | 71.73  | 37.12 | 15.52 | 3.82  | 0.19 |

Intensity

|                     |                        |
|---------------------|------------------------|
| None                | D2 Severe Drought      |
| D0 Abnormally Dry   | D3 Extreme Drought     |
| D1 Moderate 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>

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

Image Caption: U.S. Drought Monitor valid 7am EST March 7th.



# Recent Change in Drought Intensity

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

- **Four Week Drought Monitor Class Changes. How did the drought change in NM?**
  - **Drought Worsened?:** No degradation in drought.
  - **No Change?:** The majority of the state saw no change.
  - **Drought Improved?:** Multiple areas of 1 class improvement throughout the state. Small area of 2 class improvement in the southwest.

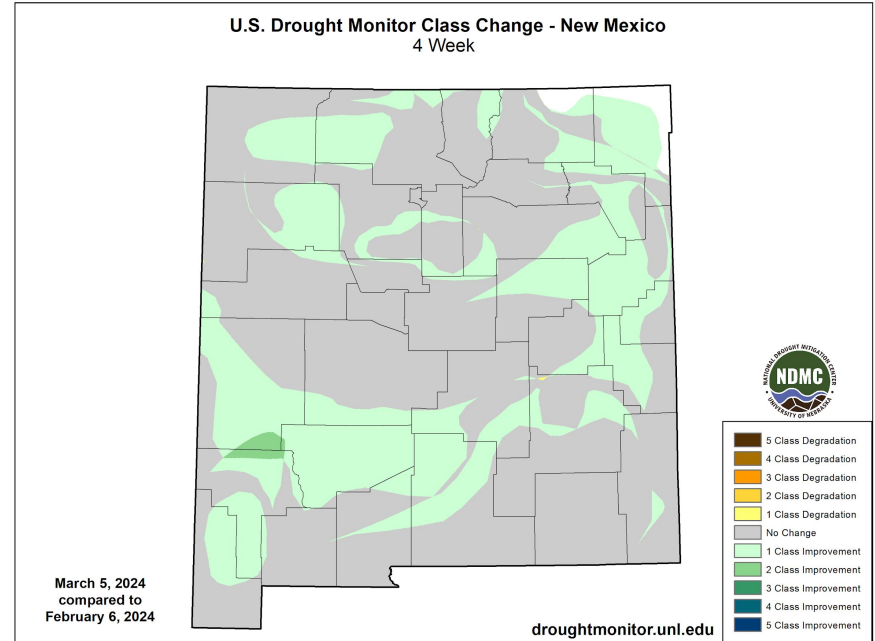


Image Caption: U.S. Drought Monitor 4-week change map valid 7am EST March 7th.

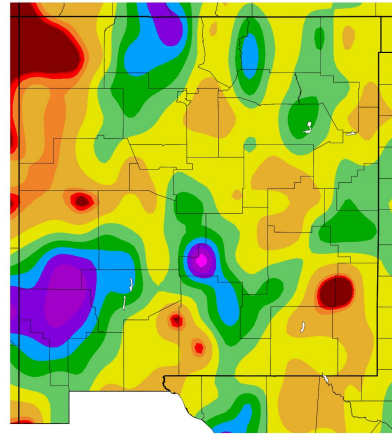




# Precipitation

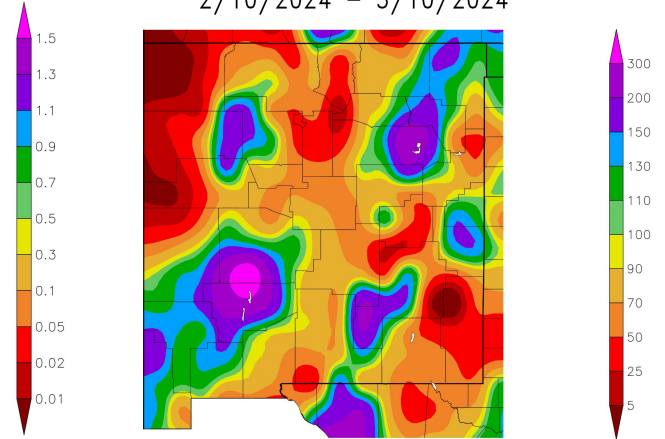
- There have been several areas of above normal precipitation, particularly in the southwest. The northwest and southeast have seen much below normal precipitation as is the case for much of the state to a lesser degree.

Precipitation (in)  
2/10/2024 - 3/10/2024



Generated 3/11/2024 at HPRCC using provisional data.

Percent of Normal Precipitation (%)  
2/10/2024 - 3/10/2024



NOAA Regional Climate Centers at HPRCC using provisional data.

NOAA Regional Climate Centers

Image Captions:

Left - Precipitation Amount for New Mexico

Right - Percent of Normal Precipitation for New Mexico

Data Courtesy High Plains Regional Climate Center.

Data over the past 30 days ending March 10, 2024

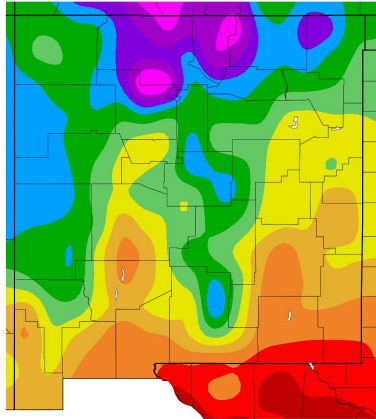




# Temperature

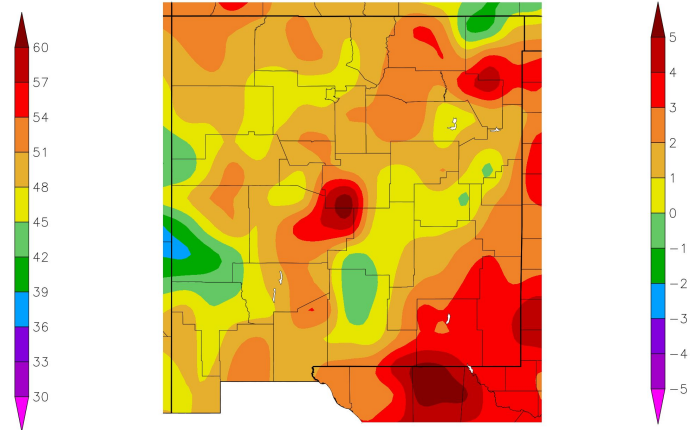
- Temperatures have been largely above normal throughout the state, particularly in the southeast.

Temperature (F)  
2/10/2024 - 3/10/2024



Generated 3/11/2024 at HPRCC using provisional data.

Departure from Normal Temperature (F)  
2/10/2024 - 3/10/2024



NOAA Regional Climate Centers <sup>024</sup> 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 March 10 2024





# Summary of Impacts

Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

## Hydrologic Impacts

- Main Takeaway or “There are no known impacts at this time”

## Agricultural Impacts

- Main Takeaway or “There are no known impacts at this time”

## Fire Hazard Impacts

- Main Takeaway or “There are no known impacts at this time”

## Other Impacts

- Main Takeaway or “There are no known impacts at this time”

## Mitigation Actions

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





# Hydrologic Conditions and Impacts

- This map shows how various river basins are performing compared to a 7 day average streamflow for the week of March 10 over the last 30 years.
- Most of the state is reading as normal with some areas below or much below normal.
- It is important to keep in mind that the major river systems of New Mexico are largely controlled by dams and reservoirs and that “performance” is heavily influenced by human activity.

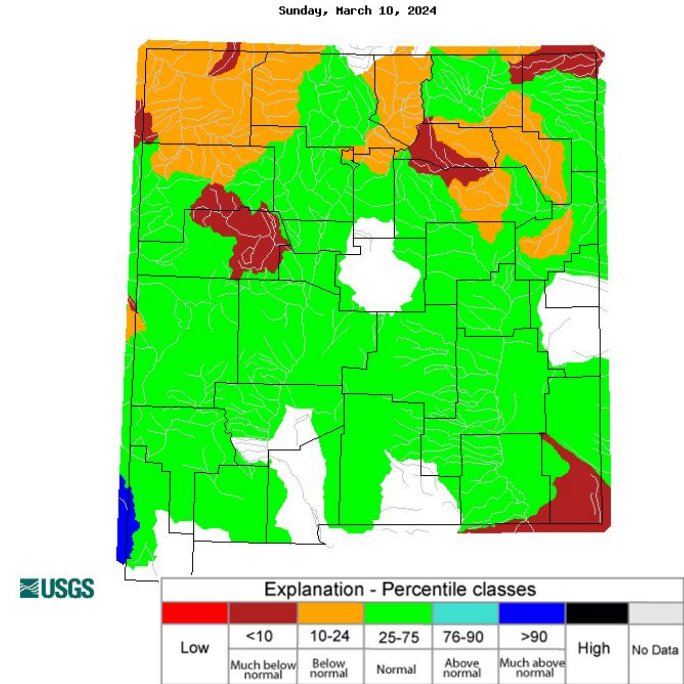


Image Caption: USGS 7 day average streamflow HUC map valid 03/10/2024

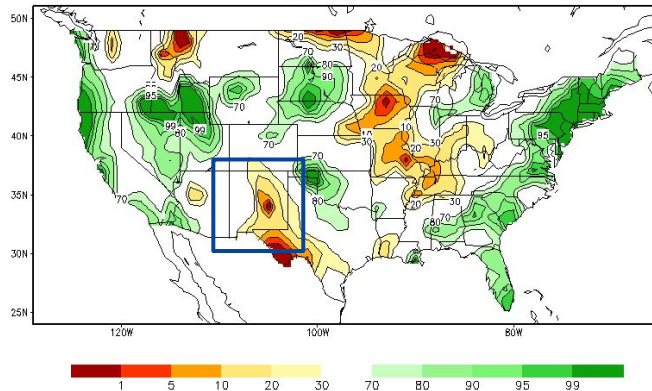




# Agricultural Impacts

- Soil Moisture conditions are dry throughout most of New Mexico. Extremely dry in the southern third of the state.
- Crop moisture conditions are considered normal.

Calculated Soil Moisture Ranking Percentile  
MAR 10, 2024



Crop Moisture Index by Division  
Weekly Value for Period Ending MAR 2, 2024  
Short Term Need vs. Available Water in a Shallow Soil Profile

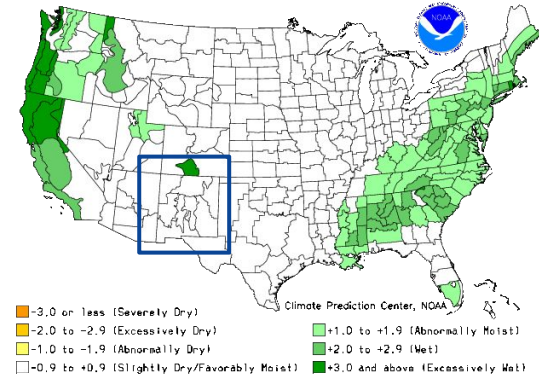


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid 03/10/2024

Right: [Crop Moisture Index by Division](#). Weekly value for period ending 03/02/2024







# Fire Hazard Impacts

Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center](#).

- Summarize conditions/impacts here

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

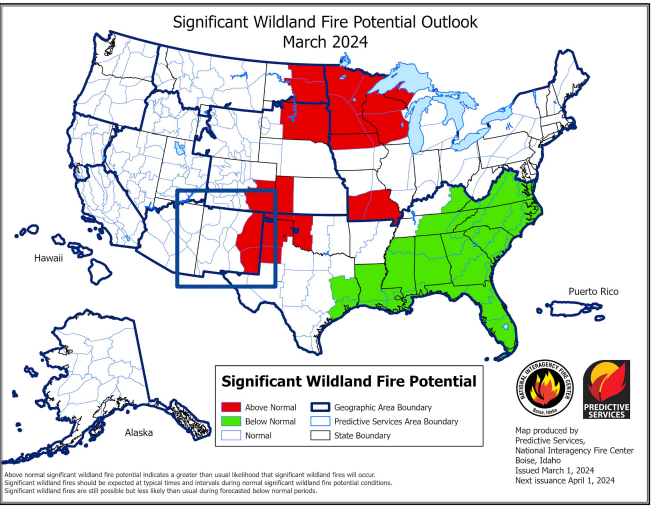
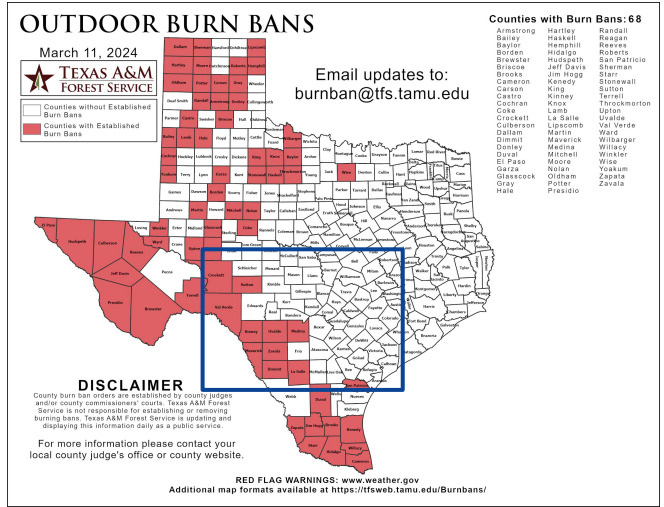


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for August 2023



# Seven Day Precipitation Forecast

- The next week in New Mexico is expected to bring some much needed moisture to the state in the form of a broadspread winter storm.
- This storm will be preceded by several days of critical fire weather, highlighting the dual nature of early spring/late winter in New Mexico.

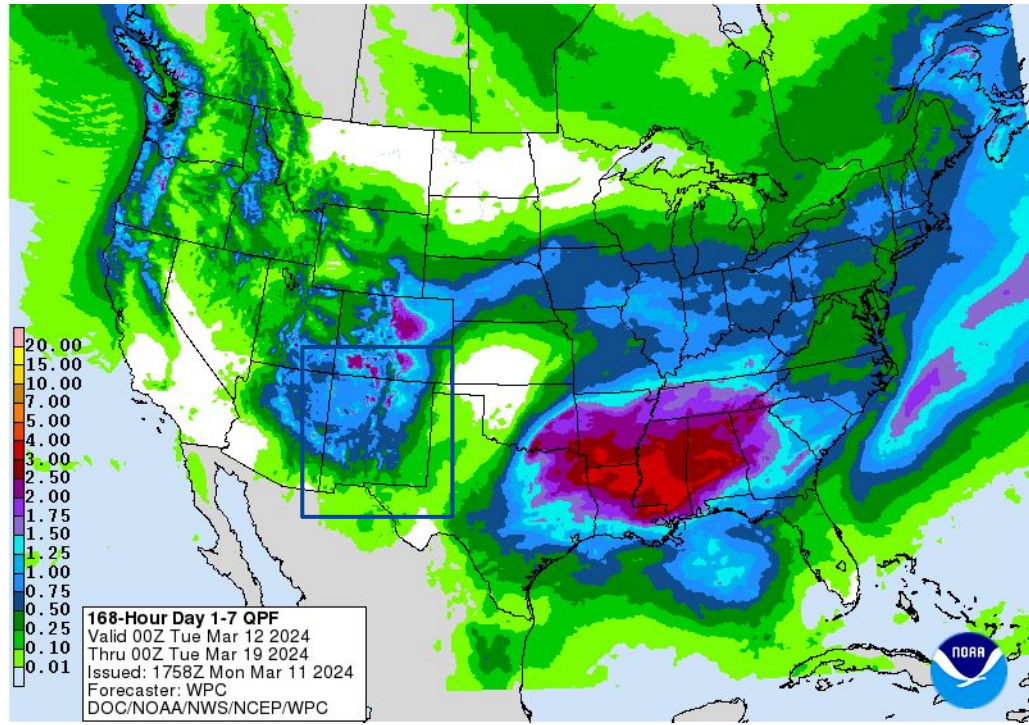


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid 3/12 to 3/19.



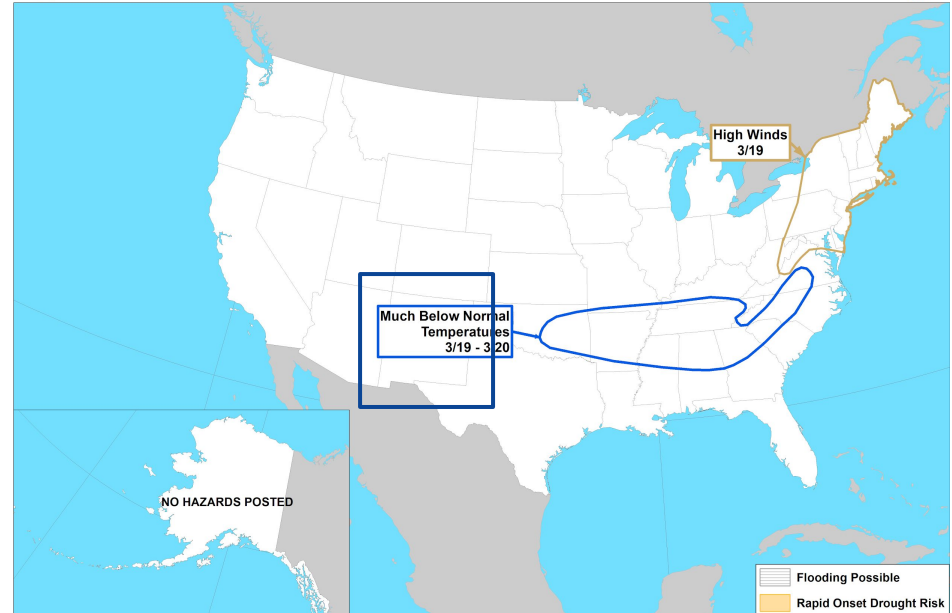
# Rapid Onset Drought Outlook

Links to the latest Climate Prediction Center 8 to 14 day [Temperature Outlook](#) and [Precipitation Outlook](#).

- Summarize conditions and impacts here



Day 8-14 U.S. Hazards Outlook  
Valid: 03/19/2024-03/25/2024



Climate Prediction Center  
Made: 03/11/2024 3PM EDT

Follow us:   
[www.cpc.ncep.noaa.gov](http://www.cpc.ncep.noaa.gov)

Image Caption:  
[Days 8 to 14 U.S. Hazards Outlook](#) Valid Month DD to DD.





# Long-Range Outlooks

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- The Climate Prediction Center is indicating equal chances of above, below or near normal precipitation amounts for most of the state in March.
- Likewise the CPC is indicating equal chances for above, below or near normal temperatures in most of the state, with the possibility of colder weather in the west.

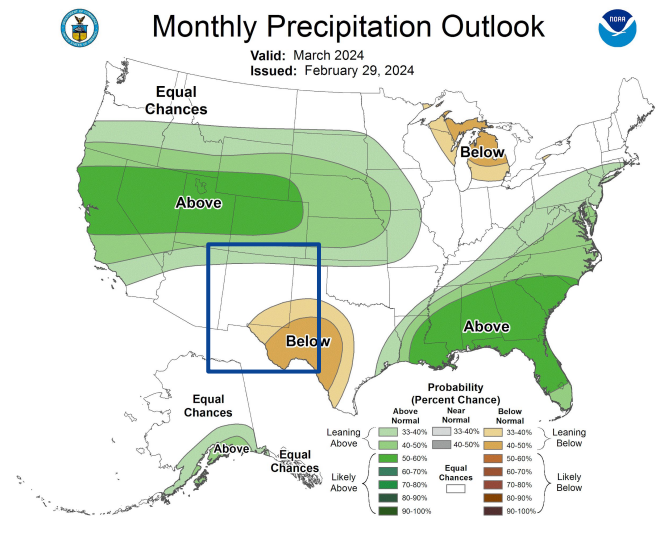
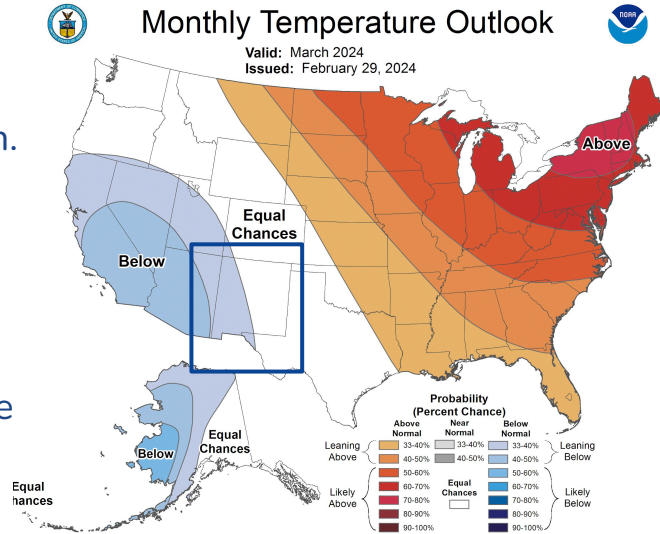


Image Captions:

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

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

Valid March 2024





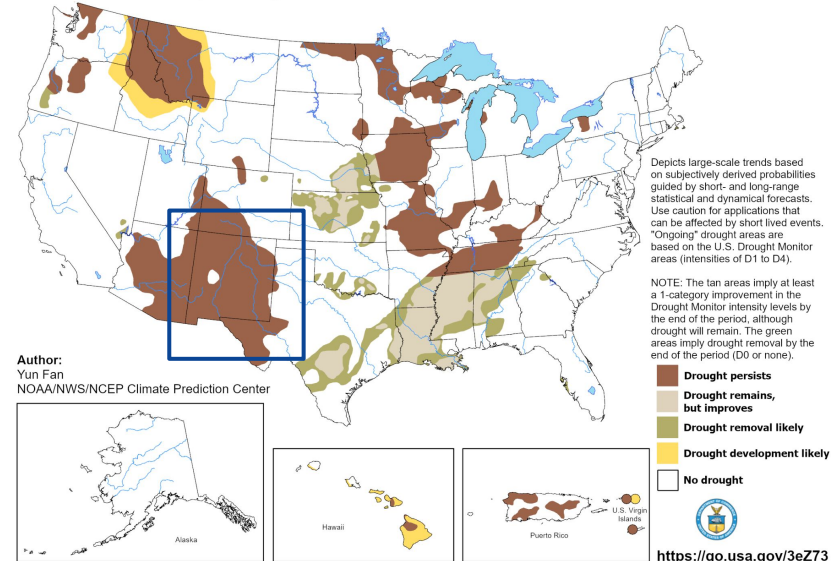
# Drought Outlook

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Based on the fact that conditions can be quite dry in New Mexico when we call for near normal temperatures and precipitation, the Climate Prediction Center is calling for persistence of drought conditions throughout the state.

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

Valid for January 18 - April 30, 2024  
Released January 18, 2024



Links to the latest:

- [Climate Prediction Center Monthly Drought Outlook](#)
- [Climate Prediction Center Seasonal Drought Outlook](#)

Image Caption:

Climate Prediction Center Monthly Drought Outlook Released January 18, 2024 valid through April 30th 2024

