



# Drought Information Statement for New Mexico

Valid April 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 May 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.



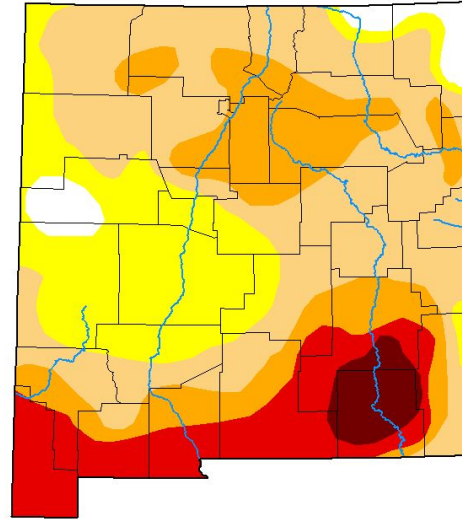


# U.S. Drought Monitor

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:** 12.74% of the state is under **Extreme Drought** conditions. S NM primarily.
  - **D2:** 19.43% of the state is under **Severe Drought** conditions.
  - **D1:** 39.17% of the state is under **Moderate Drought** conditions.
  - **D0:** 21.63% of the state is under **Abnormally Dry** conditions. Confined to small areas in west central and northeast NM.
  - **No Drought:** 3.53% of the state is under no drought conditions in the west central part of NM.

## U.S. Drought Monitor New Mexico



**April 9, 2024**  
(Released Thursday, Apr. 11, 2024)  
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	3.53	96.47	74.85	35.67	16.24	3.51
Last Week 04-02-2024	1.76	98.24	76.24	37.77	16.72	3.51
3 Months Ago 01-09-2024	0.64	99.36	94.26	78.60	37.43	6.48
Start of Calendar Year 01-01-2024	0.71	99.29	94.04	79.22	38.39	6.48
Start of Water Year 09-26-2023	0.00	100.00	96.87	67.52	32.31	6.85
One Year Ago 04-11-2023	47.27	52.73	32.13	15.67	4.18	0.21

Intensity:



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:  
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CPC/NOAA



[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?:** 1 and 2 class degradation in the far northeast of the state.
  - **No Change?:** The majority of the state saw no change.
  - **Drought Improved?:** Western and Northwestern New Mexico saw widespread 1 category improvements. Two category improvements were observed in western and southwestern New Mexico.

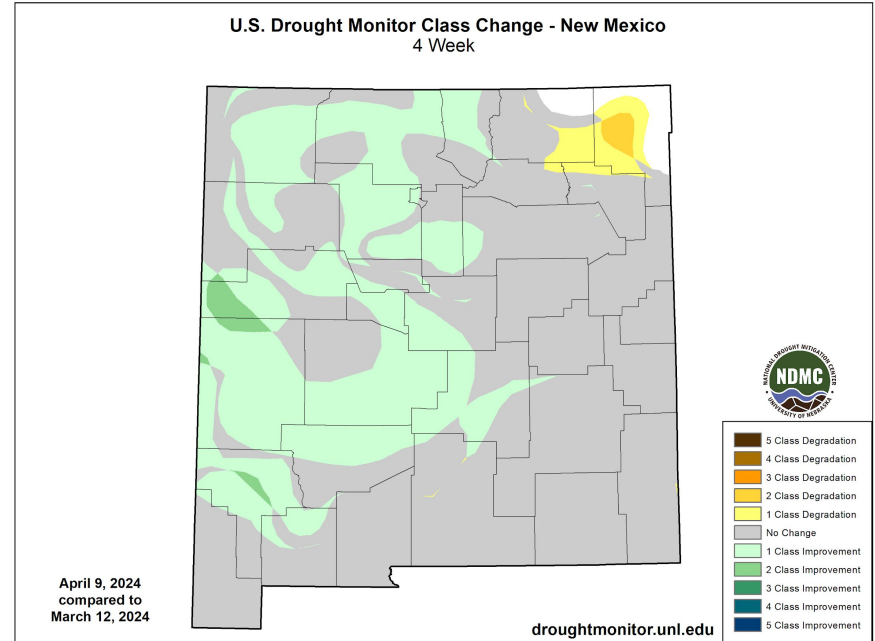


Image Caption: U.S. Drought Monitor 4-week change map valid 7am EST April 9th.

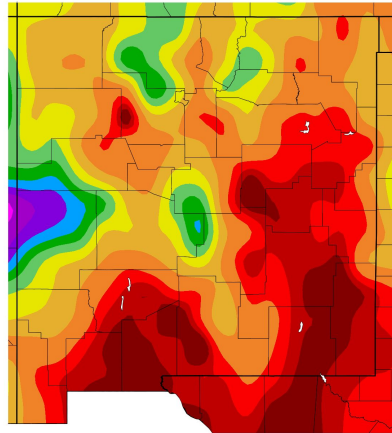




# Precipitation

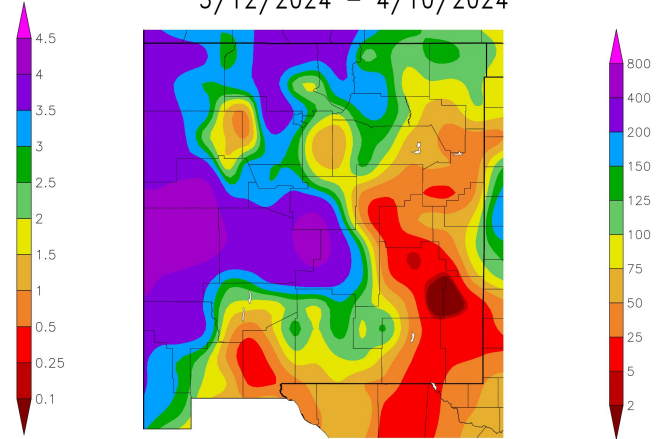
- Much of the western part of the state saw well above normal precipitation in the last month. While in the south and south east precipitation was well below normal. It is important to note that Normal Precipitation for this time of year can be as low as 0.1”.

Precipitation (in)  
3/12/2024 – 4/10/2024



Generated 4/11/2024 at HPRCC using provisional data.

Percent of Normal Precipitation (%)  
3/12/2024 – 4/10/2024



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 April 10, 2024

National Weather Service  
Albuquerque, NM

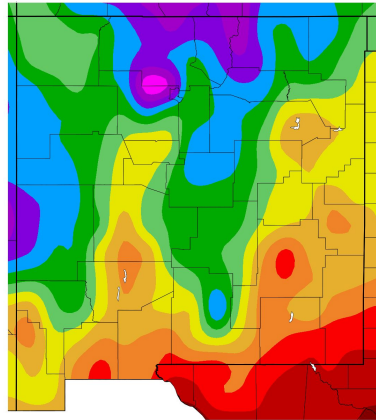




# Temperature

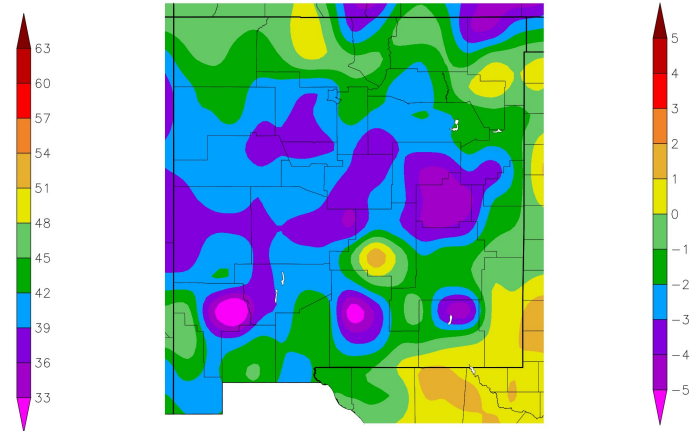
- Temperatures have been largely below normal for most of the state during this unusually cool start to spring.

Temperature (F)  
3/12/2024 - 4/10/2024



Generated 4/11/2024 at HPRCC using provisional data.

Departure from Normal Temperature (F)  
3/12/2024 - 4/10/2024



NOAA Regional Climate Centers <sup>2024</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 April 10 2024





# Hydrologic Conditions and Impacts

- This map shows how various river basins are performing compared to a 7 day average streamflow for the week of April 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.

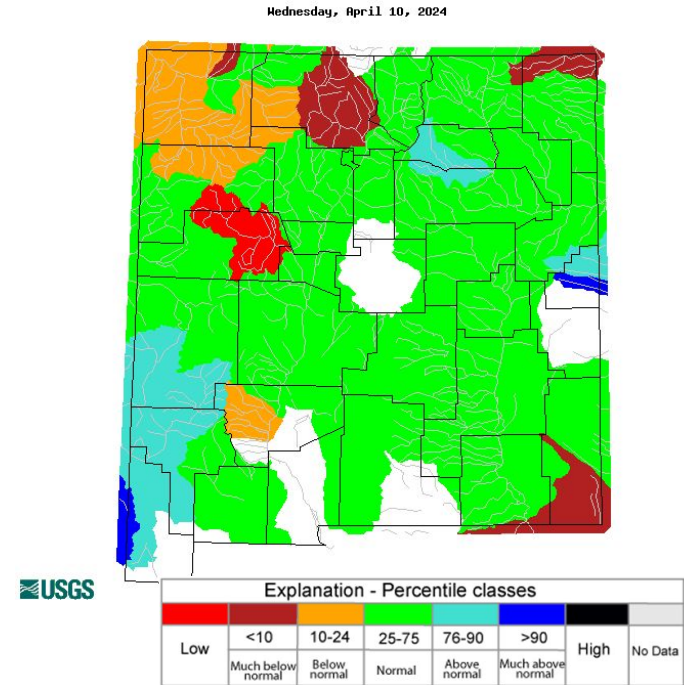


Image Caption: USGS 7 day average streamflow HUC map valid 04/10/2024

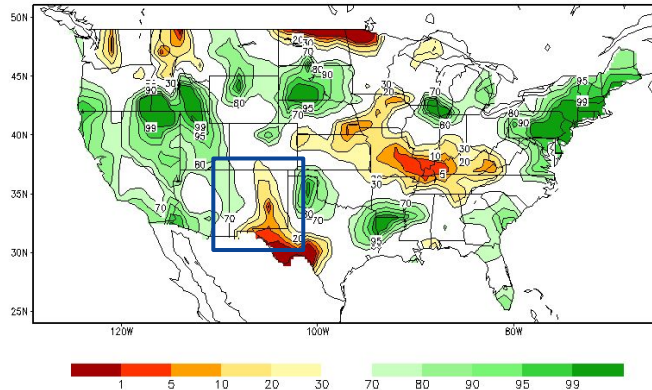




# Agricultural Impacts

- Soil Moisture conditions are dry throughout most of central and far southern New Mexico. But along the western border soil conditions are wetter than normal.
- Crop moisture conditions are considered normal.

Calculated Soil Moisture Ranking Percentile  
APR 10, 2024



Crop Moisture Index by Division  
Weekly Value for Period Ending APR 6, 2024  
Short Term Need vs. Available Water in a Shallow Soil Profile

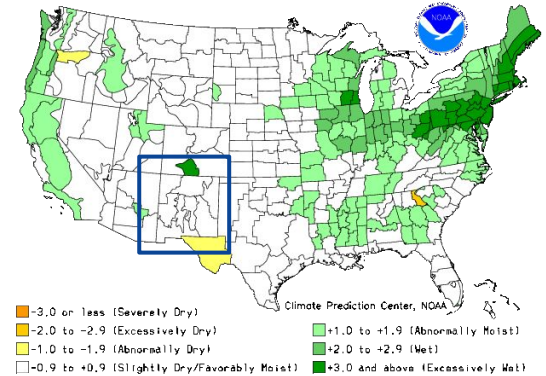


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid 04/10/2024

Right: [Crop Moisture Index by Division](#). Weekly value for period ending 04/06/2024





# Seven Day Precipitation Forecast

- No significant precipitation is forecast for the state of New Mexico in the next week.

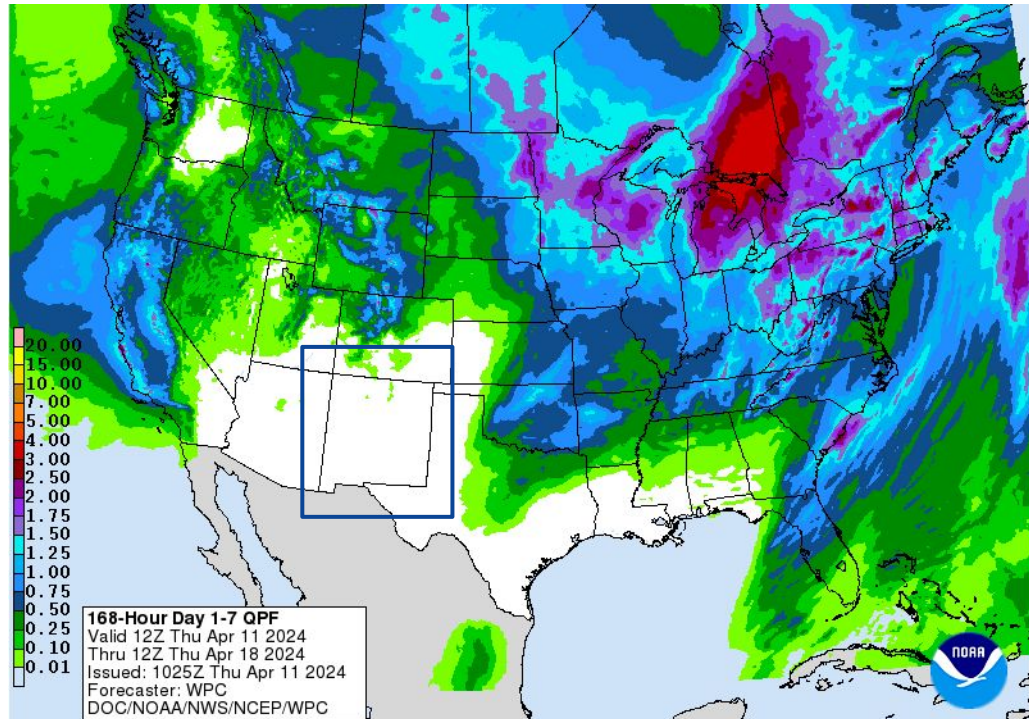


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid 4/11 to 4/18.





# 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 Temperatures in April.
- The CPC is indicating increased chances of below normal precipitation for April, already one of our driest months.

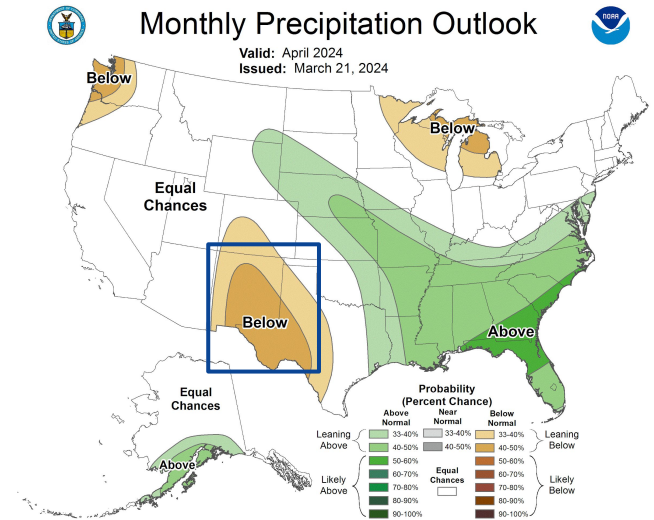
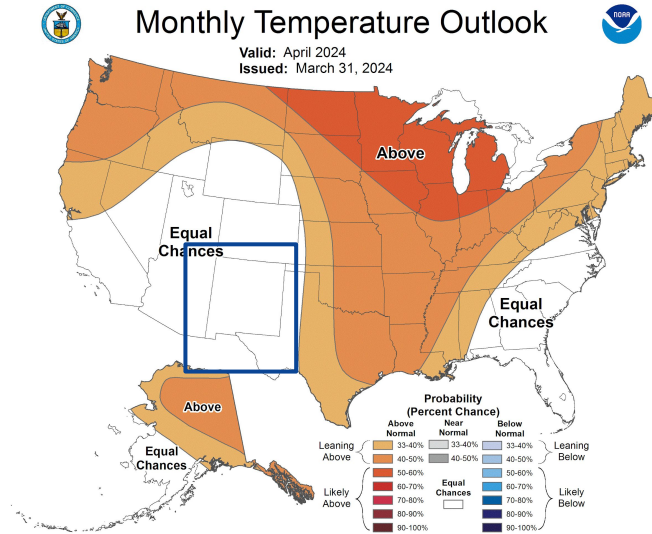


Image Captions:

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

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

Valid April, 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

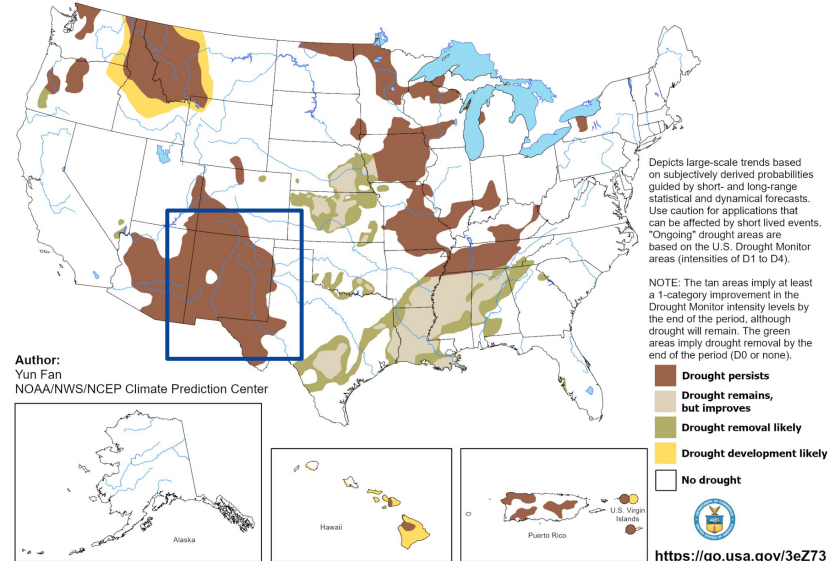


Image Caption:  
Climate Prediction Center Monthly Drought Outlook Released January 18, 2024 valid through April 30th 2024

Links to the latest:  
[Climate Prediction Center Monthly Drought Outlook](#)  
[Climate Prediction Center Seasonal Drought Outlook](#)