



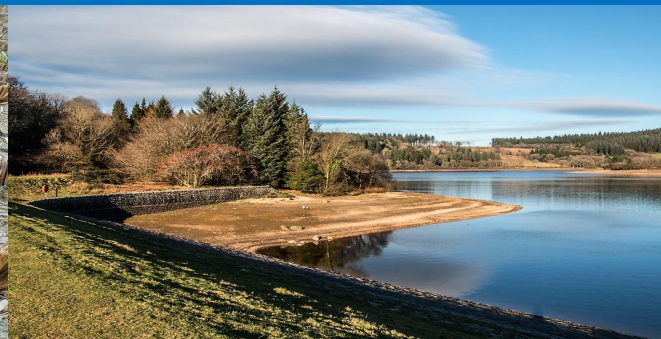
Drought Information Statement for New Mexico

Valid January, 18, 2024

Issued By: WFO Albuquerque, NM

Contact Information: sr-abq.webmaster@noaa.gov

- This product will be updated Feb., 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.



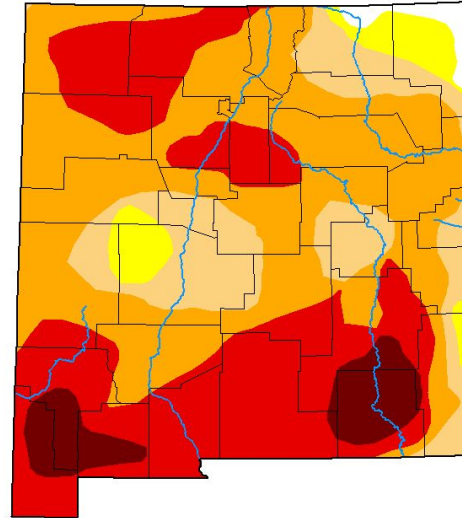


U.S. Drought Monitor

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

- DROUGHT CONDITIONS WIDESPREAD IN NM
 - **D4:** 6.48% of the state is under **Exceptional Drought** conditions. Primarily in the SW and SE parts of the state.
 - **D3:** 30.95% of the state is under **Extreme Drought** conditions. NW and S NM primarily.
 - **D2:** 41.12% of the state is under **Severe Drought** conditions. Widespread throughout the state.
 - **D1:** 15.60% of the state is under **Moderate Drought** conditions.
 - **D0:** 4.60% of the state is under **Abnormally Dry** conditions. Confined to small areas in west central and northeast NM.

U.S. Drought Monitor New Mexico



January 16, 2024
(Released Thursday, Jan. 18, 2024)
Valid 7 a.m. EST

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	1.24	98.76	94.15	78.55	37.43	6.48
Last Week 01-09-2024	0.64	99.36	94.26	78.60	37.43	6.48
3 Months Ago 10-17-2023	0.42	99.58	94.89	68.83	33.19	6.85
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 01-17-2023	10.38	89.62	40.57	18.37	3.78	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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NOAA/NWS/IN/CEP/CPC



droughtmonitor.unl.edu

Image Caption: U.S. Drought Monitor valid 7am EST January 16th.





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?:** Minor degradations along the northern border.
 - **No Change?:** The majority of the state saw no change.
 - **Drought Improved?:** Several areas of improvement over the last month, primarily throughout central and eastern NM.

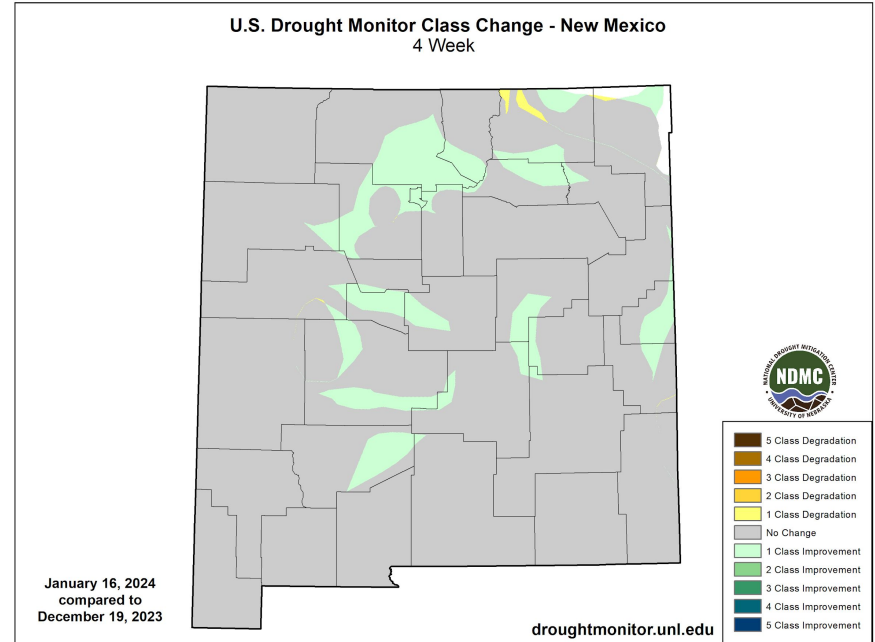


Image Caption: U.S. Drought Monitor 4-week change map valid 7am EST January 16th.

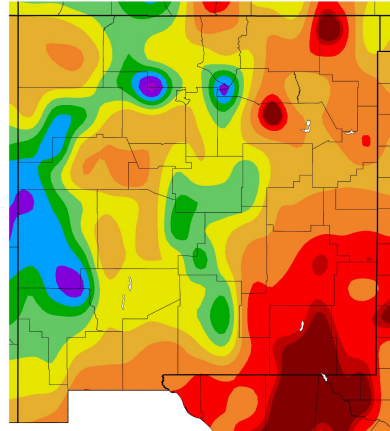




Precipitation

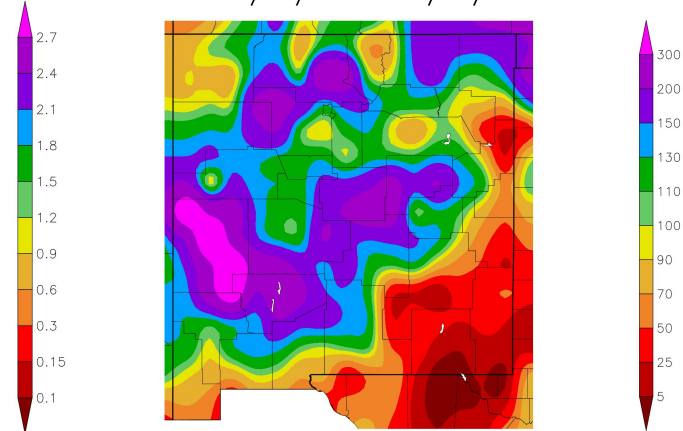
- Precipitation has been above normal in most of the state. In the western, central and northeastern parts of the state it has been much above normal. However, in terms of absolute amounts of precipitation the numbers are very small. Extremely dry conditions persist in the southeastern part of New Mexico.

Precipitation (in)
12/19/2023 – 1/17/2024



Generated 1/18/2024 at HPRCC using provisional data.

Percent of Normal Precipitation (%)
12/19/2023 – 1/17/2024



NOAA Regional Climate Centers 24 at HPRCC using provisional data.

NOAA Regional Climate Center

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 January 17, 2024

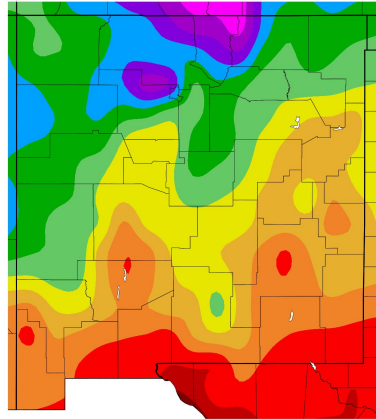




Temperature

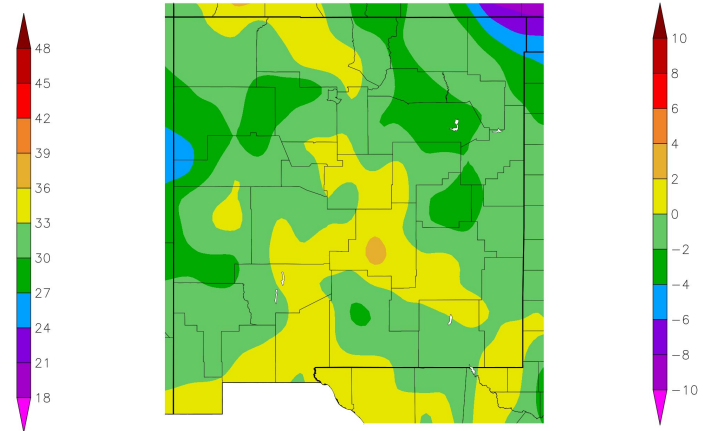
- Temperatures have been mostly seasonal, with areas throughout the state that are above and below normal. In central to southern New Mexico this means we are seeing a gentle melt of accumulated snow and low elevations which can only help soil moisture conditions.

Temperature (F)
12/19/2023 - 1/17/2024



Generated 1/18/2024 at HPRCC using provisional data.

Departure from Normal Temperature (F)
12/19/2023 - 1/17/2024



NOAA Regional Climate Centers ⁰²⁴ 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 Jan. 17 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 January 17 to October 04 over the last 30 years.
- Most of the state is below to much below normal for streamflow, indicating widespread hydrologic drought.
- 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.

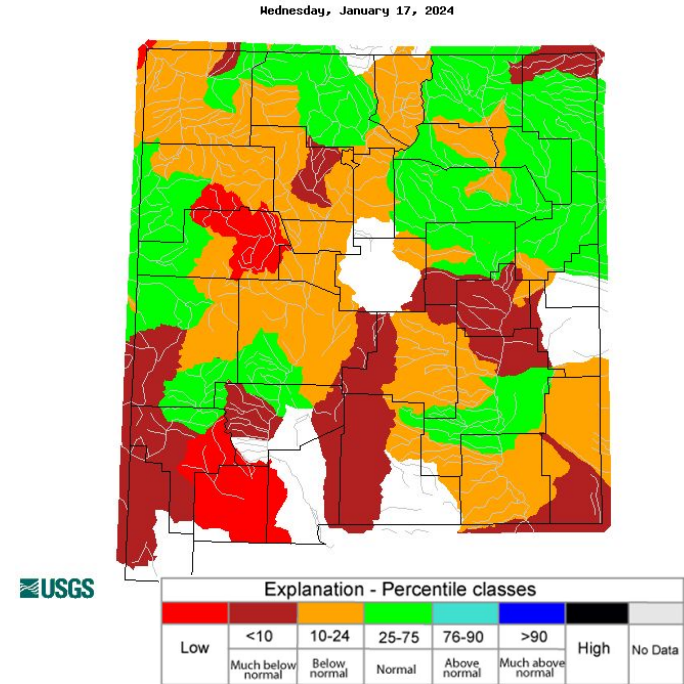


Image Caption: USGS 7 day average streamflow HUC map valid 01/17/2024

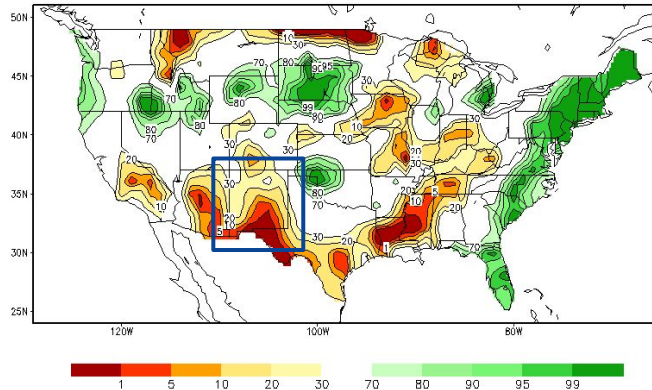




Agricultural Impacts

- 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
JAN 17, 2024



Crop Moisture Index by Division
Weekly Value for Period Ending JAN 13, 2024
Short Term Need vs. Available Water in a Shallow Soil Profile

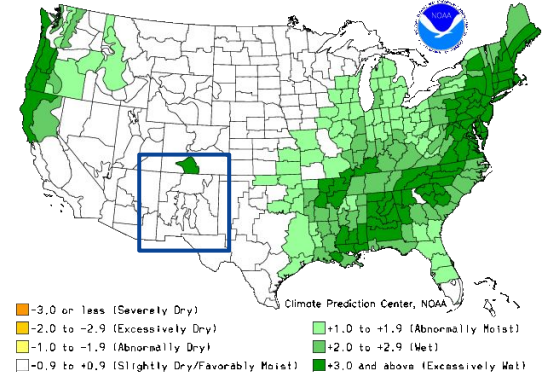


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid 01/17/2024

Right: [Crop Moisture Index by Division](#). Weekly value for period ending 01/17/2024





Seven Day Precipitation Forecast

- The next week should be fairly dry throughout the state of New Mexico. We're forecasting widespread precipitation amounts of less than 0.10" to less than 0.25" in some parts of the state. Any precipitation is welcome but we are expecting dry conditions this week.

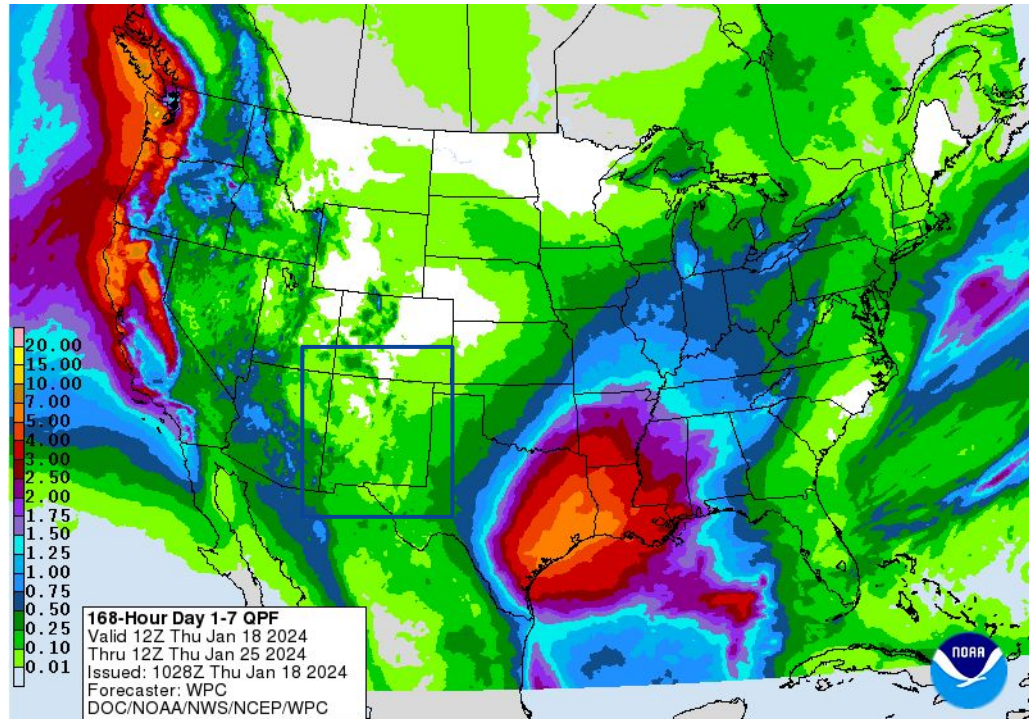


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Thu Jan 18 to Thu Jan 25



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 February.
- Likewise the CPC is indicating equal chances for above, below or near normal temperatures.

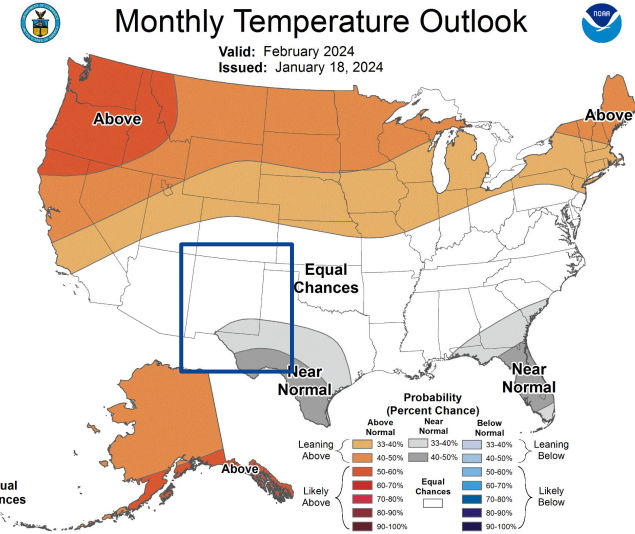
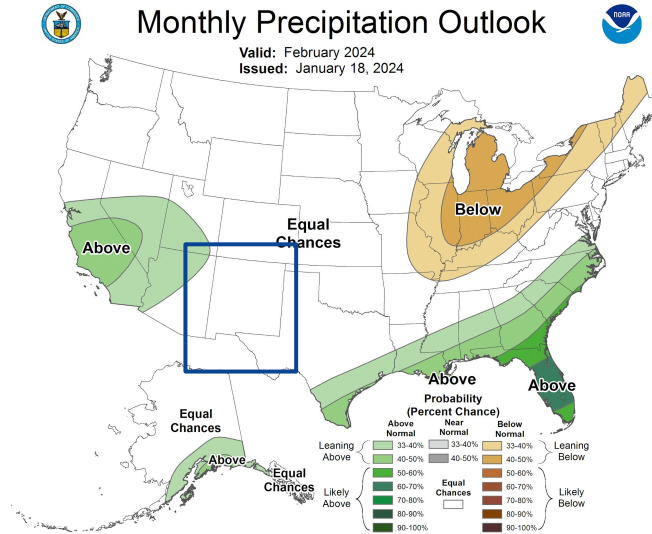


Image Captions:

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

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

Valid February 2024





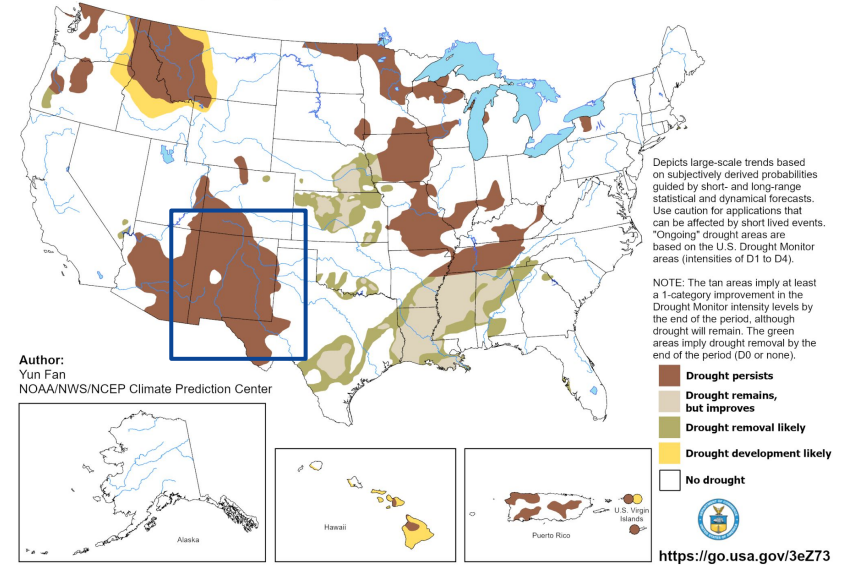
Drought Outlook

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