Drought Information Statement for Mojave Desert and Eastern Sierra

Valid February 6, 2025

Issued By: WFO Las Vegas, NV

Contact Information: nws.lasvegas@noaa.gov

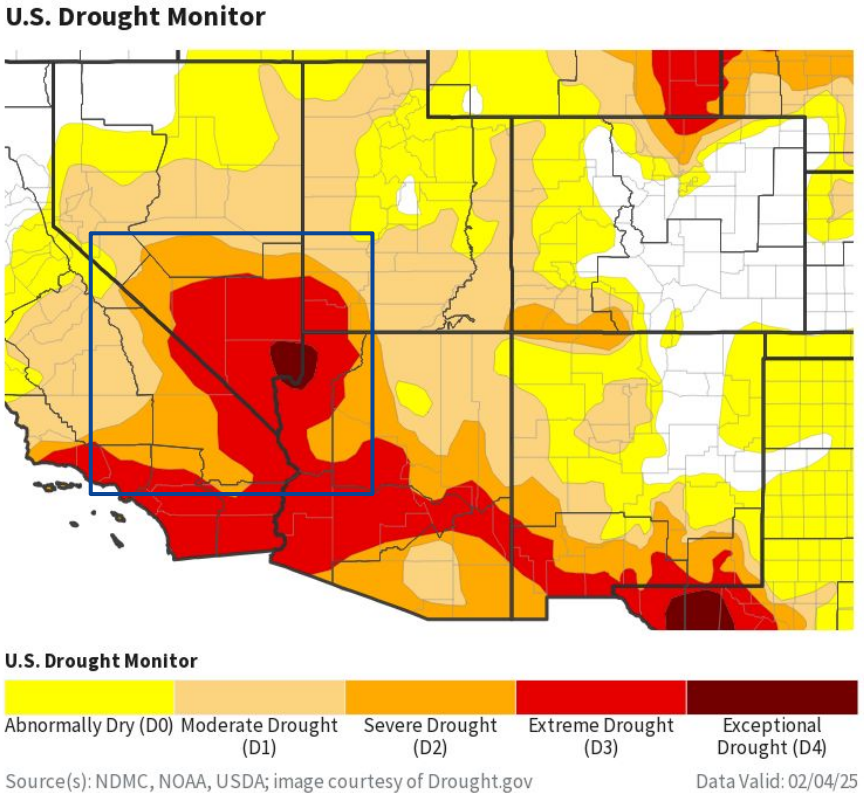
- This product will be updated February 20, 2025 or sooner if drought conditions change significantly.
- Please see all currently available products at https://drought.gov/drought-information-statements.
- Please visit https://www.weather.gov/VEF/DroughtInformationStatement for previous statements.
- Please visit https://www.drought.gov/drought-status-updates/ for regional drought status updates.

- Drought conditions have worsened across the area, including the introduction of Exceptional Drought near Lake Mead.
- There have been no major widespread rain or snow events so far this winter. Las Vegas has gone 207 days without rain.
- Snowpack on area mountains outside the Sierra remains limited.

U.S. Drought Monitor

Link to the latest U.S. Drought Monitor for the Southwestern United States

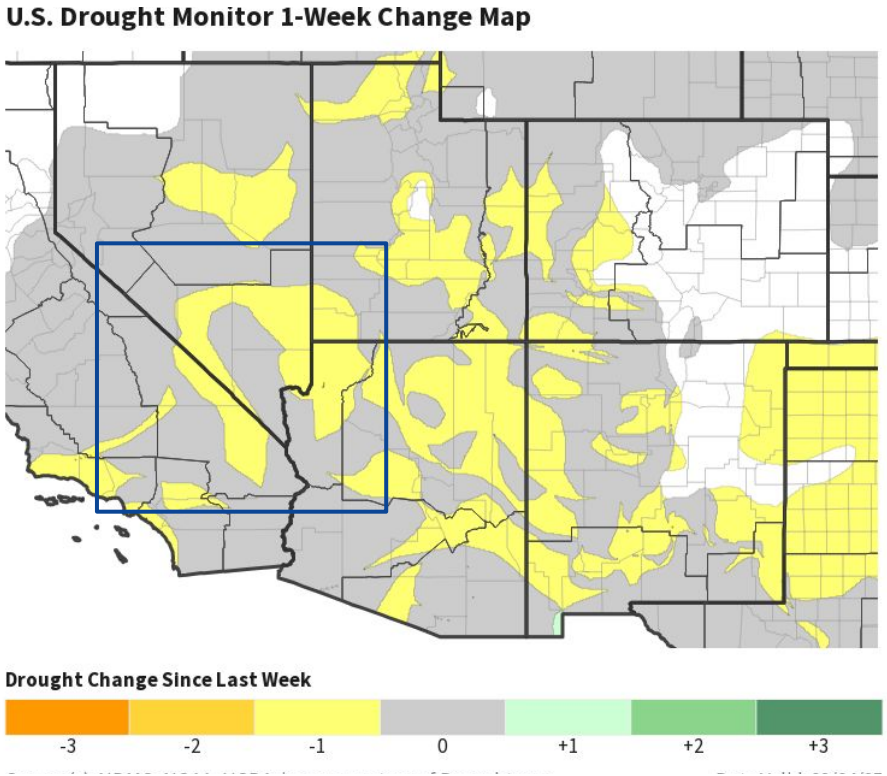
- Drought intensity and Extent
  - **D4 (Exceptional Drought)**: Parts of northwestern Mohave County and eastern Clark County near Lake Mead.
  - **D3 (Extreme Drought)**: Most of Clark and Mohave counties, southern Nye and Lincoln counties, and eastern Inyo and San Bernardino counties.
  - **D2 (Severe Drought)**: Esmeralda County, northern Lincoln County, central Inyo County, western San Bernardino County, and sections of eastern Mohave County.
  - **D1 (Moderate Drought)**: Western Inyo County, far northern Lincoln County.



Recent Change in Drought Intensity

Link to the latest 4-week change map for Southwestern United States

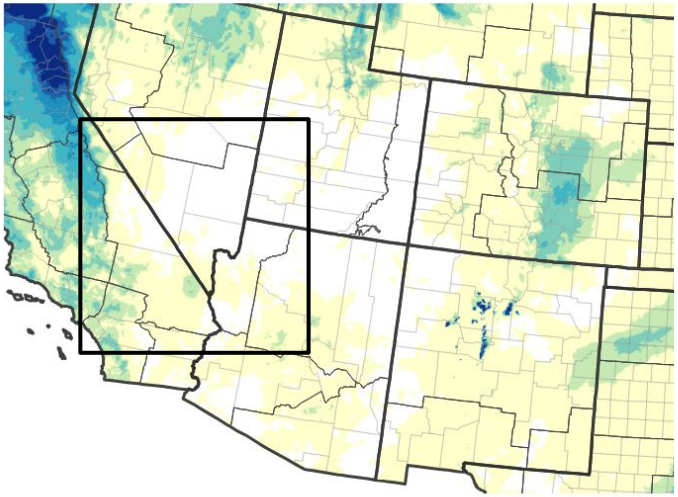
- Four Week Drought Monitor Class Change.
  - **Drought Worsened:** Northern Mohave County, eastern Clark, Inyo, and San Bernardino counties, central and southern Lincoln County, and southern Nye County.
  - **No Change:** Remaining areas of southern Nevada, southeastern California, and northwestern Arizona.
  - **Drought Improved:** No improvement was observed.



Precipitation

- A storm system brought light precipitation to San Bernardino and Mohave counties in late January, but failed to progress north into southern Nevada.
- Current snow depth in the Eastern Sierra is 24 to 36 inches above 9000 feet. Mountains outside of the Sierra have seen little to no snow accumulation.

30-Day Precipitation Accumulations (Inches)



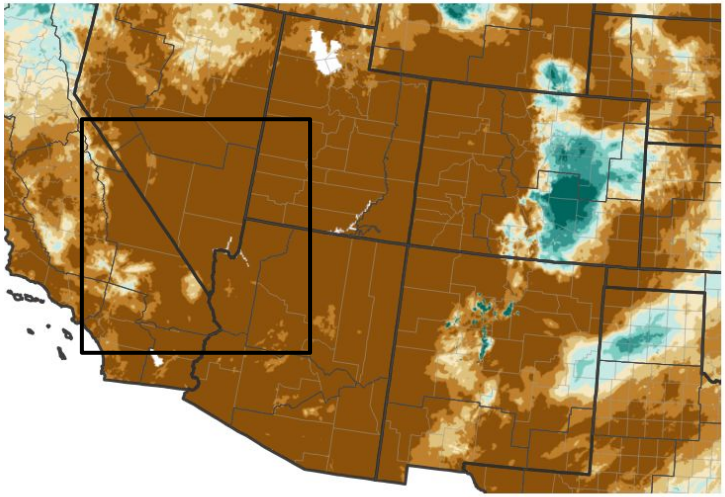
Inches of Precipitation

0 | 0.01 | 0.5 | 1 | 2 | 4 | 6 | 8

Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 0

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)

0% | 25% | 50% | 75% | 100% | 100% | 150% | 200% | 300%

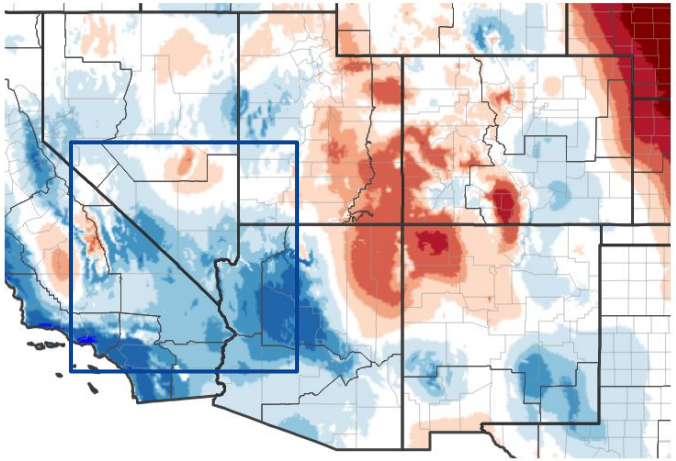
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 02/06/25

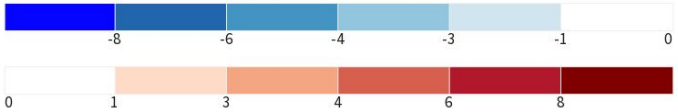
Temperature

- Maximum temperatures over the last 7 days have been below normal for most of the forecast area.
- Maximum temperatures over the last 30 days have been near to slightly below average for most of the area, and above average over the Sierra and White Mountains in California.

7-Day Temperature Anomaly



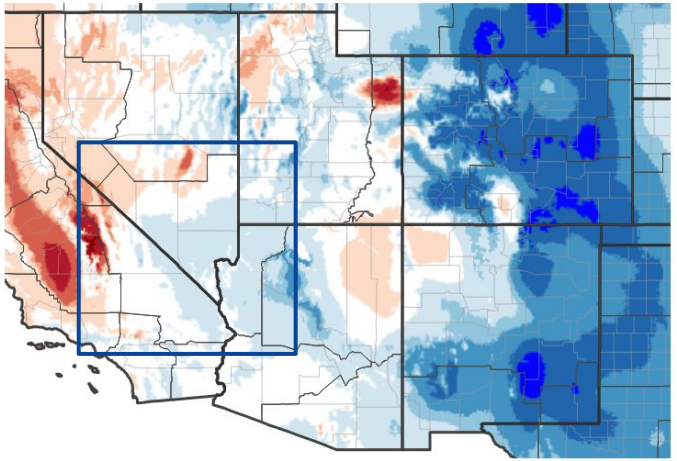
Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 02/02/25

30-Day Temperature Anomaly



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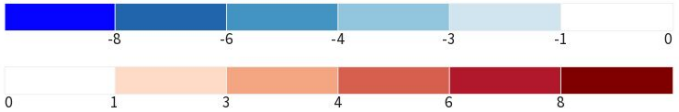


Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 02/02/25

Summary of Impacts

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

Hydrologic Impacts

- Lake Mead is at 1,066.85 feet in elevation, or 34 percent full.

Agricultural Impacts

- There are no known impacts at this time.

Fire Hazard Impacts

- There are no known impacts at this time.

Other Impacts

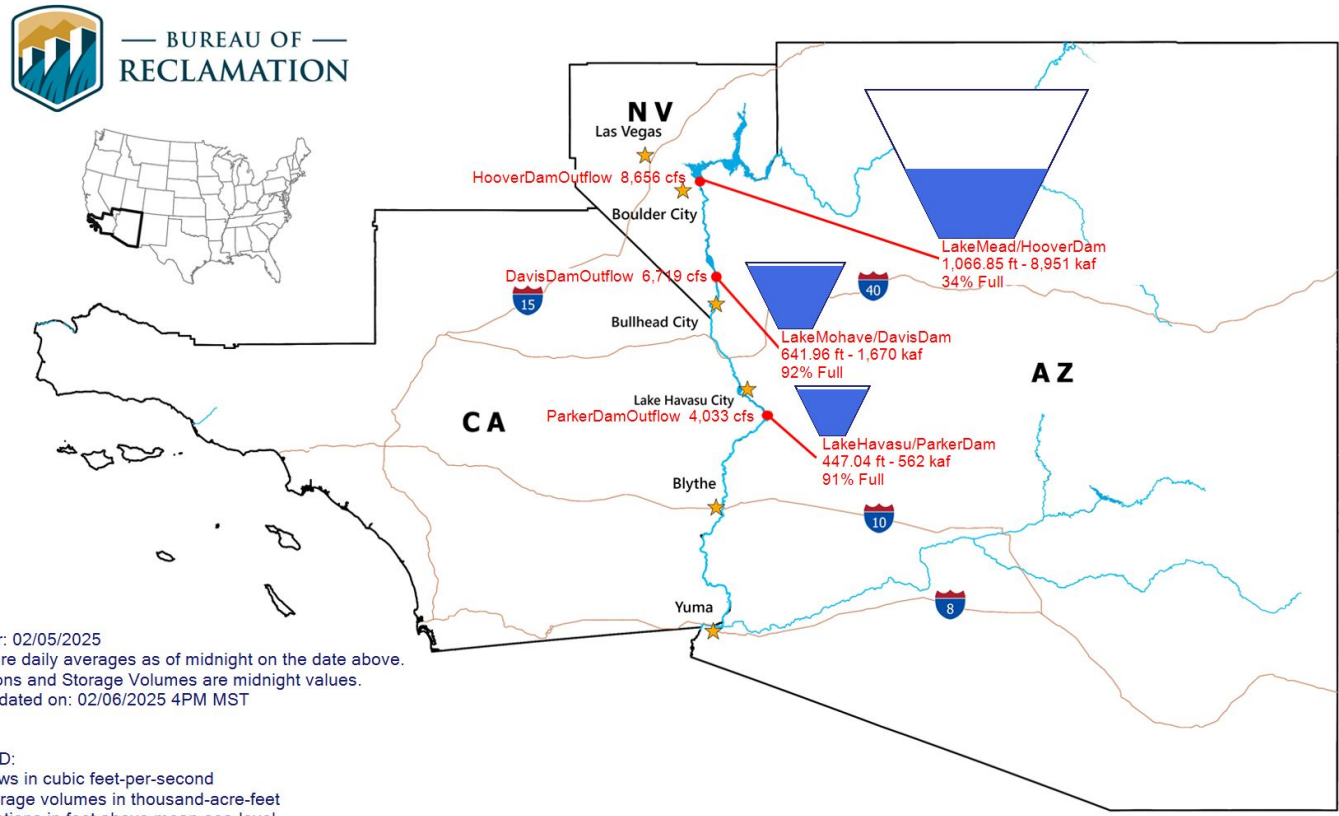
- There are no known impacts at this time.

Mitigation Actions

- Please refer to your municipality or water provider for mitigation information.

Hydrologic Conditions and Impacts

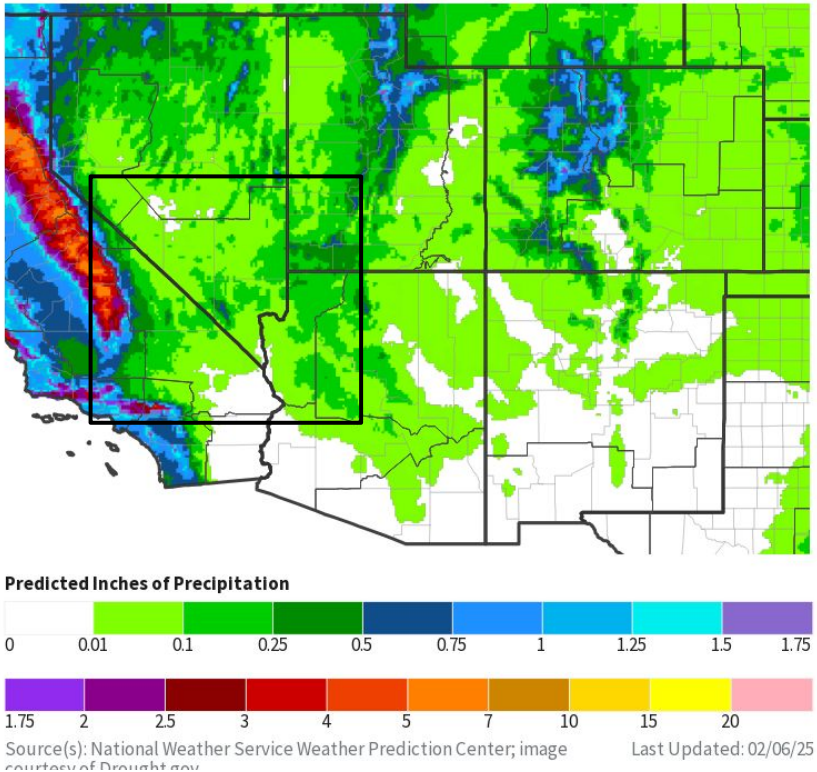
- Lake Mead is at 1,066.85 feet in elevation, or 34% full.
- Lake Mohave is at 641.96 feet in elevation, or 92% full.
- Lake Havasu is at 447.04 feet in elevation, or 91% full.
- The Bureau of Reclamation 24-month study suggests a rise in Lake Mead, Lake Mohave, and Lake Havasu through early spring.



Seven Day Precipitation Forecast

- An atmospheric river event is bringing snowfall to the Sierra Nevada with some spillover moisture into the Owens Valley through Friday, February 7.
- Widespread precipitation chances return in the middle of next week as low pressure ushers in another round of atmospheric river moisture.

7-Day Quantitative Precipitation Forecast for February 6, 2025–February 13, 2025

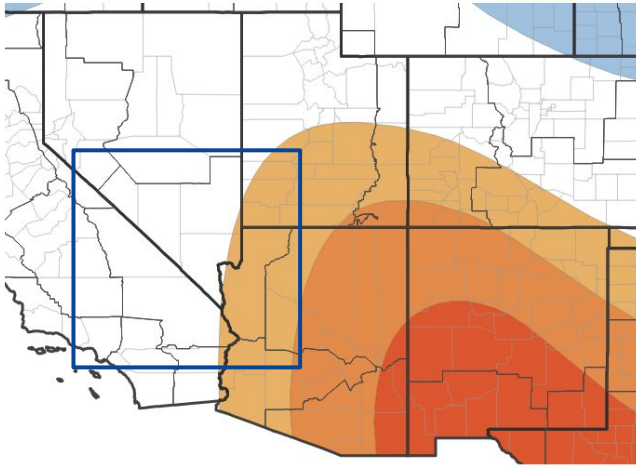


Long-Range Outlooks

The latest monthly and seasonal outlooks can be found on the CPC homepage

- There is a 33 to 40% probability of above normal temperatures for northwestern Arizona through April 30. Other areas have equal chances of above or below normal temperatures.
- In Mohave, Clark, Lincoln, and San Bernardino Counties, there is a 33 to 50% chance of below normal precipitation through April 30. The remainder of the forecast area has equal chances of above or below normal precipitation.

Seasonal (3-Month) Temperature Outlook for February 1, 2025–April 30, 2025



Probability of Below-Normal Temperatures

33% 40% 50% 60% 70% 80% 90%

Probability of Above-Normal Temperatures

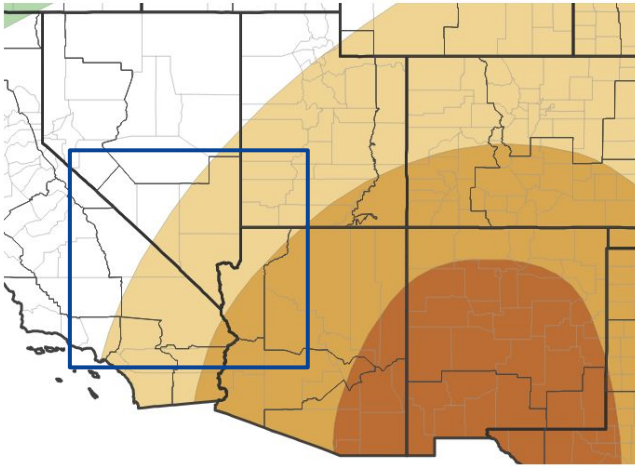
33% 40% 50% 60% 70% 80% 90%

Probability of Near-Normal Temperatures

33% 40%

Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 0

Seasonal (3-Month) Precipitation Outlook for February 1, 2025–April 30, 2025



Probability of Below-Normal Precipitation

33% 40% 50% 60% 70% 80% 90%

Probability of Above-Normal Precipitation

33% 40% 50% 60% 70% 80% 90%

Probability of Near-Normal Precipitation

33% 40%

Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 0

Drought Outlook

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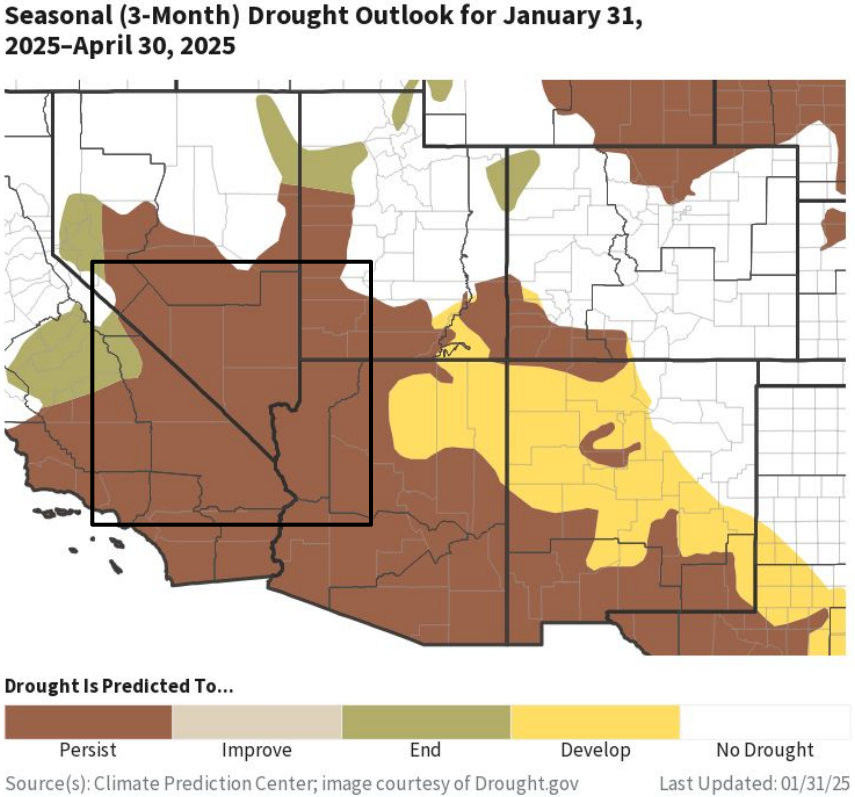
- Drought may improve or end in northern Inyo County by April 30.
- Drought is expected to persist through April 30 for most of southern Nevada, northwestern Arizona, and southeastern California.



Links to the latest:
Climate Prediction Center Monthly Drought Outlook
Climate Prediction Center Seasonal Drought Outlook