

Drought Information Statement for Central Pennsylvania

Valid **September 5, 2024**

Issued by: WFO State College

Contact Information:

- This will be the final issuance of this product until drought conditions worsen.
 - Please see all currently available products at <https://drought.gov/drought-information-statements>.
 - Please visit <https://www.weather.gov/CTP/DroughtInformationStatement> for previous statements.
 - Please visit <https://www.drought.gov/drought-status-updates/> for regional drought status updates.
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- Recent rainfall has allowed for improvement to drought conditions across the area.
 - Somerset County, which has seen the worst of the drought, has improved a category from D3 (Extreme) to D2 (Severe).



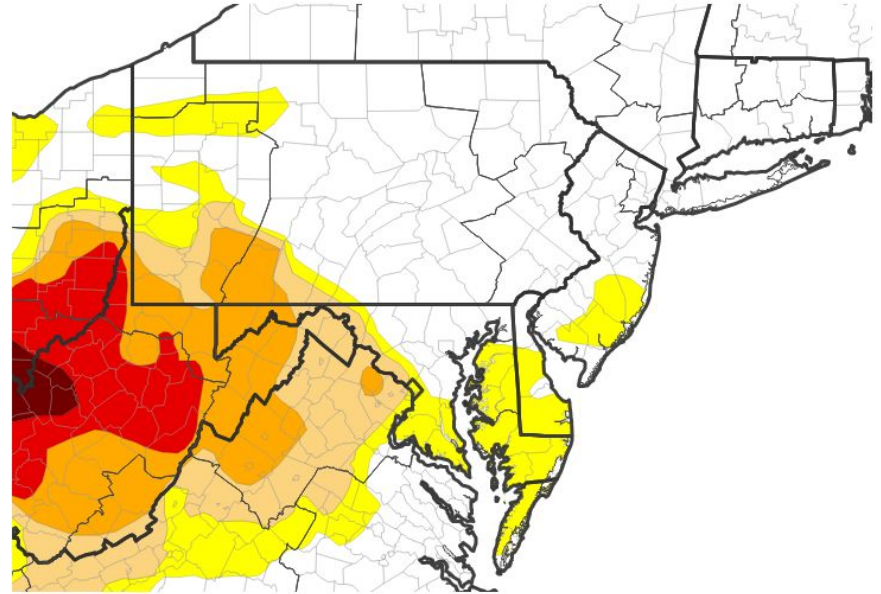


U.S. Drought Monitor

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

- Drought intensity and Extent by County
 - **D2 (Severe Drought):**
 - Somerset, Cambria, Bedford
 - **D1 (Moderate Drought):**
 - Cambria, Bedford, Fulton, Franklin
 - **D0: (Abnormally Dry):**
 - Bedford, Fulton, Franklin, Warren, McKean, Elk

U.S. Drought Monitor



U.S. Drought Monitor



Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov

Data Valid: 08/27/24

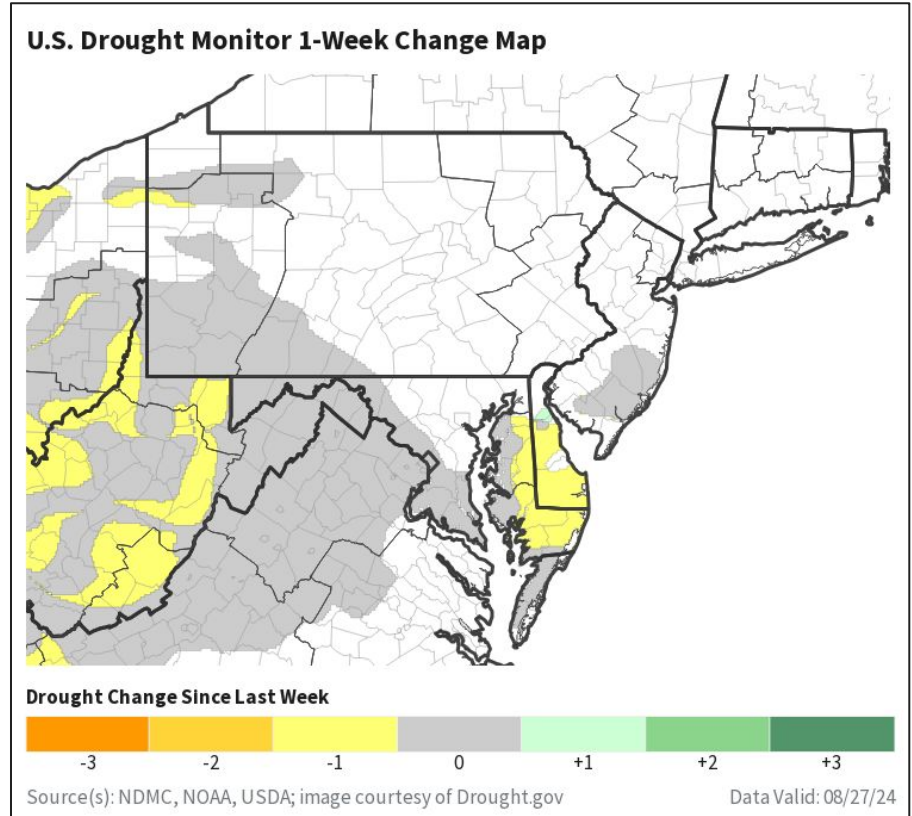




Recent Change in Drought Intensity

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

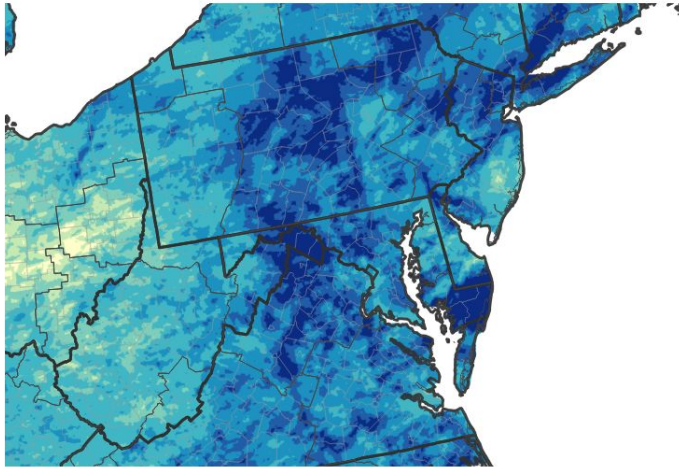
- One Week Drought Monitor Class Change.
 - Drought conditions have not changed in the past week across Central Pennsylvania





Precipitation and Percent of Normal

30-Day Precipitation Accumulations (Inches)

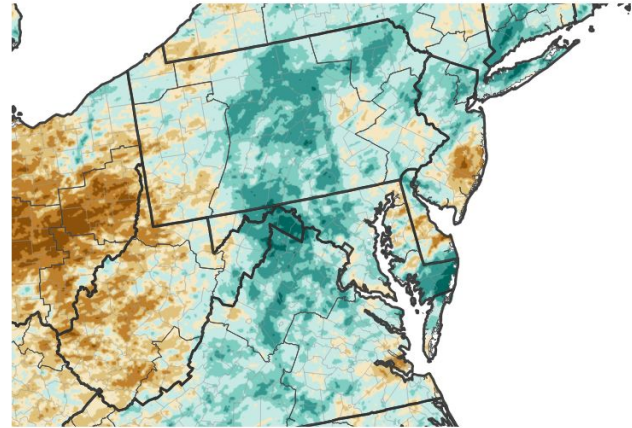


Inches of Precipitation

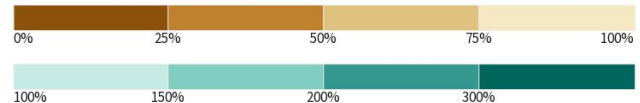


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 09/04/24

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 09/04/24

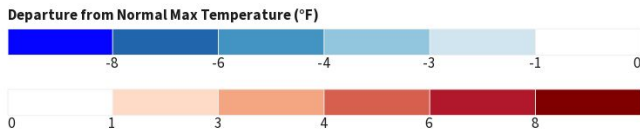
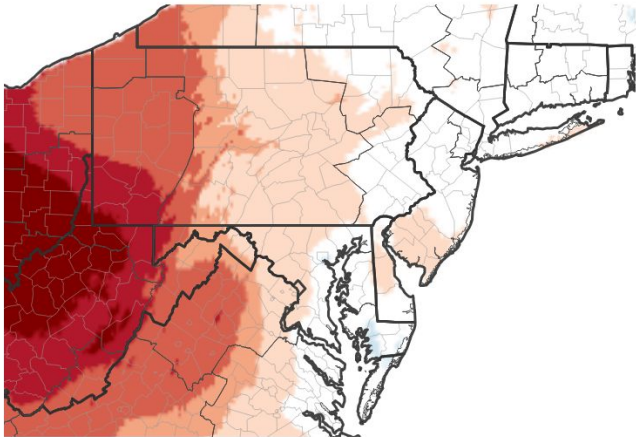
- Rainfall over the past 30 days has been above normal for much of Central PA, aided largely by the rainfall from the remnants of Hurricane Debby in early August.





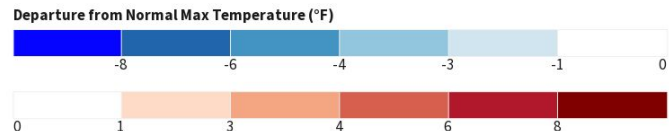
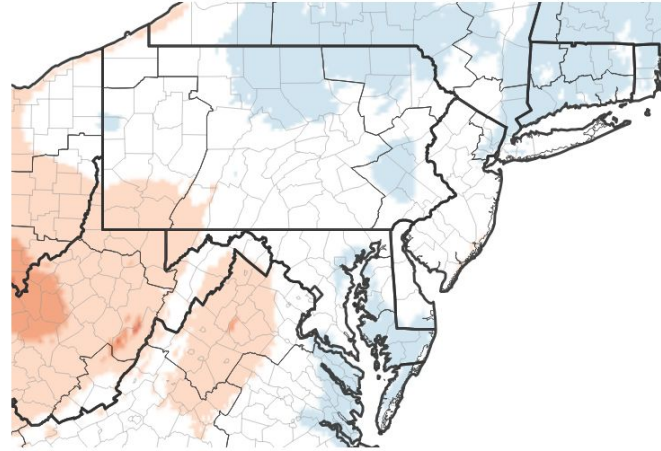
Temperature Anomalies

7-Day Temperature Anomaly



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov Data Valid: 08/31/24

30-Day Temperature Anomaly



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov Data Valid: 08/31/24

- Temperatures have been above normal over the past 7 days, but closer to normal over the past 30 days.





Summary of Impacts

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

Hydrologic Impacts

- Reports of streams and ponds running low or drying up in Somerset and Bedford counties from CMOR (link above).

Agricultural Impacts

- Reports of crop loss and below normal crop yields from Somerset and Bedford counties from CMOR.

Fire Hazard Impacts

- Some communities have implemented burn bans.

Other Impacts

- There are no additional known impacts at this time.

Mitigation Actions

- There have been reports of water conservation efforts in parts of Somerset County from the Drought Impacts Reporter (link above).

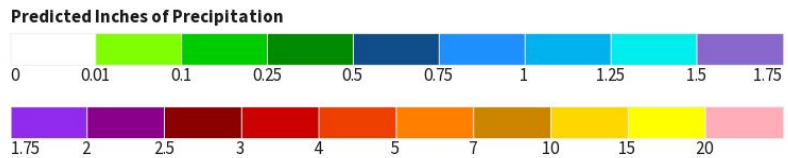
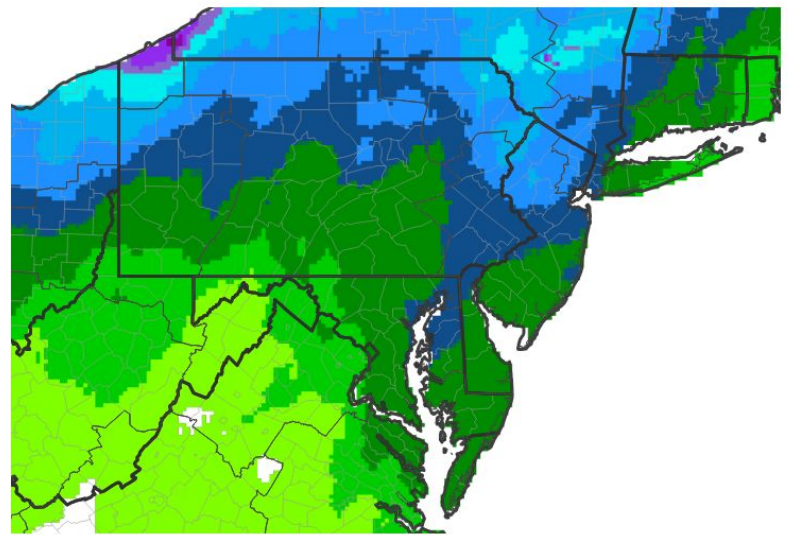




Seven Day Precipitation Forecast

- Portions of northern PA could see in excess of an inch of rain in the coming week.
- Unfortunately, areas that have been the driest are expected to see the least amount of rain in the upcoming week.

7-Day Quantitative Precipitation Forecast for September 4, 2024–September 11, 2024



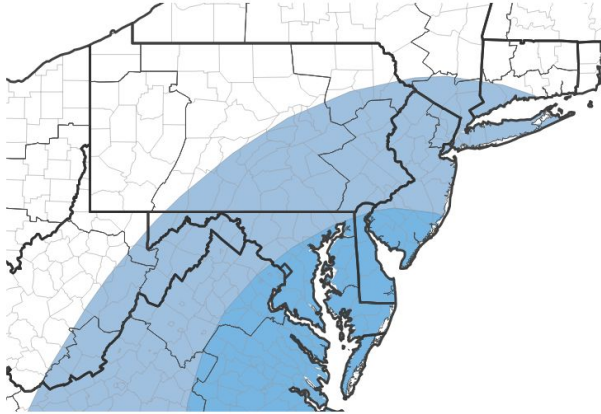
Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 09/04/24



Long-Range Outlooks

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

Monthly Temperature Outlook for September 1, 2024–September 30, 2024



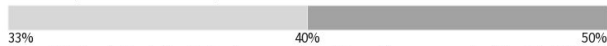
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



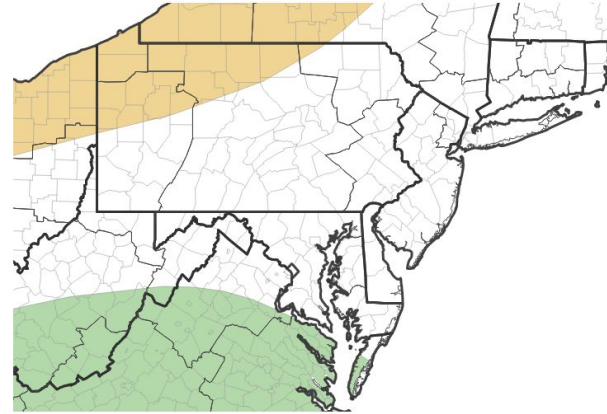
Probability of Near-Normal Temperatures



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

Last Updated: 08/31/24

Monthly Precipitation Outlook for September 1, 2024–September 30, 2024



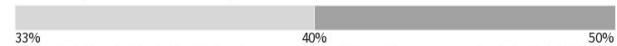
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



Probability of Near-Normal Precipitation



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

Last Updated: 08/31/24

- The Climate Prediction Center’s monthly outlook for September is projecting near to below normal temperatures and near to below normal precipitation for Central PA.



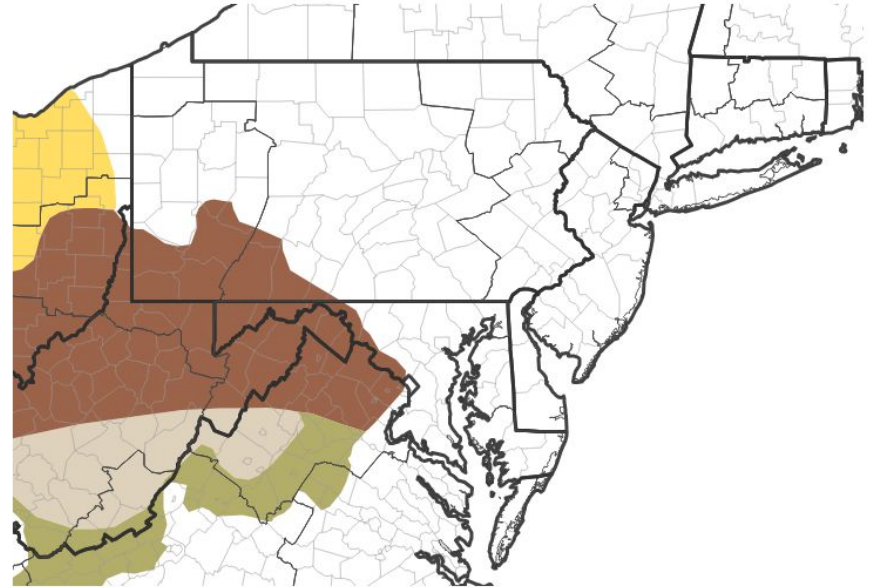


Drought Outlook

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

- Drought conditions are expected to persist through the month of September across southwestern and portions of south-central Pennsylvania.

1-Month Drought Outlook for September 1, 2024–September 30, 2024



Drought Is Predicted To...



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

Last Updated: 08/31/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Central Pennsylvania