

Drought Information Statement for the Philadelphia/Mt. Holly Hydrologic Service Area

Valid February 27, 2025

Issued By: NWS Philadelphia/Mt. Holly

Contact Information: wfphi.webmaster@noaa.gov

- This product will be updated March 31, 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/phi/DroughtInformationStatement> for previous statements.
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- The state of New Jersey has issued a Drought Warning for the entire state.
 - The state of Maryland has issued a Drought Warning for the Eastern Shore.
 - The state of Delaware has issued a Drought Watch for the entire state.
 - The state of Pennsylvania has issued a Drought Watch for east-central and southeast portions of the state and a Drought Warning for Berks county.



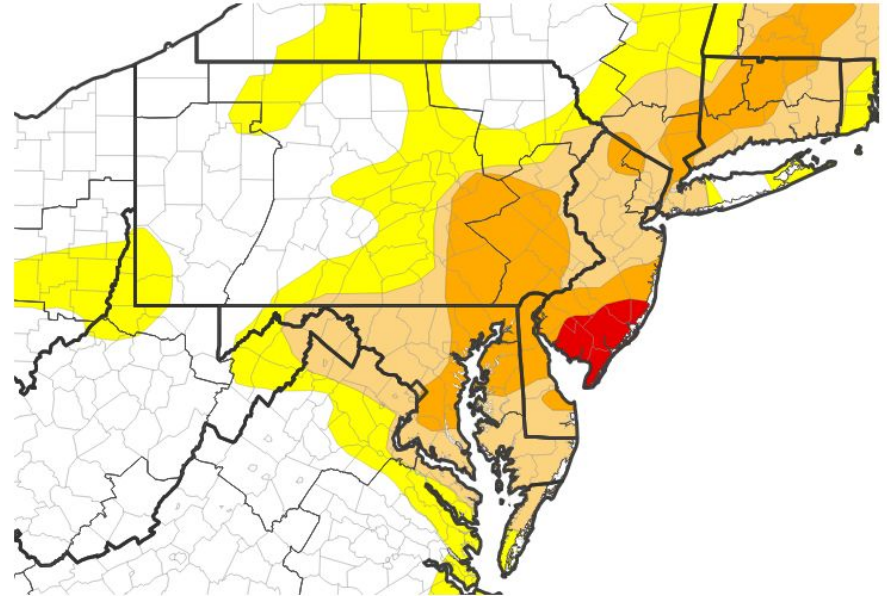


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for the Philadelphia/Mt Holly Forecast Area

- Drought intensity and Extent
 - **D4 (Exceptional Drought)**: No Exceptional Drought exists across the Hydrologic Service Area (HSA).
 - **D3 (Extreme Drought)**: Extreme Drought exists across portions of southern New Jersey.
 - **D2 (Severe Drought)**: Severe Drought exists across portions of NJ, DE, southeastern PA, and the MD Eastern Shore.
 - **D1 (Moderate Drought)**: Most of the forecast area is at least in Moderate Drought.
 - **D0: (Abnormally Dry)**: The entire forecast area is at least considered Abnormally Dry.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 02/25/25



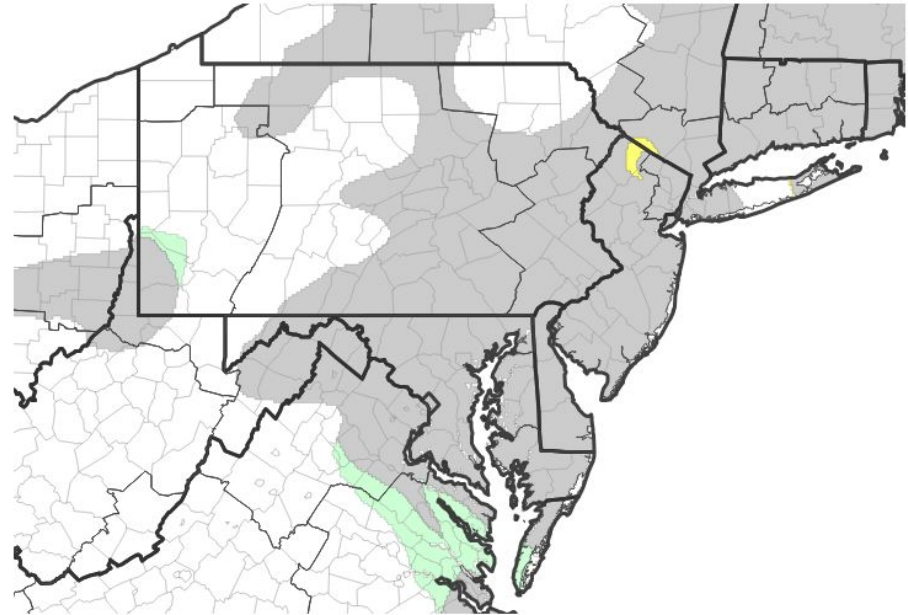


Recent Change in Drought Intensity

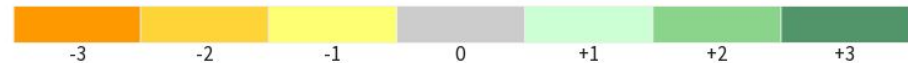
Link to the latest [4-week change map](#) for Philadelphia/Mt Holly Forecast Area

- A Four Week change map can be accessed from the link above.
- One Week Drought Monitor Class Change...
 - Drought Worsened: Deterioration was observed across Sussex, NJ.
 - No Change: Most of the forecast area remained the same.
 - Drought Improved: No improvement was observed.

U.S. Drought Monitor 1-Week Change Map



Drought Change Since Last Week



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

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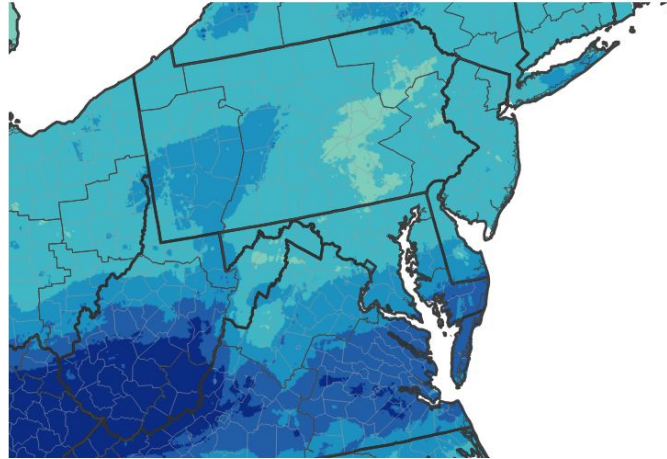


Precipitation

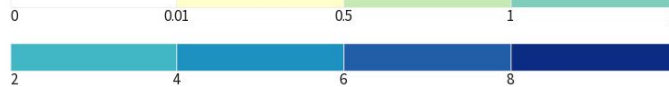
Last 30 Days

- The majority of the HSA have experienced below normal precipitation over the last 30 days. Portions of southern NJ and the Delmarva have seen normal or above normal precipitation.

30-Day Precipitation Accumulations (Inches)



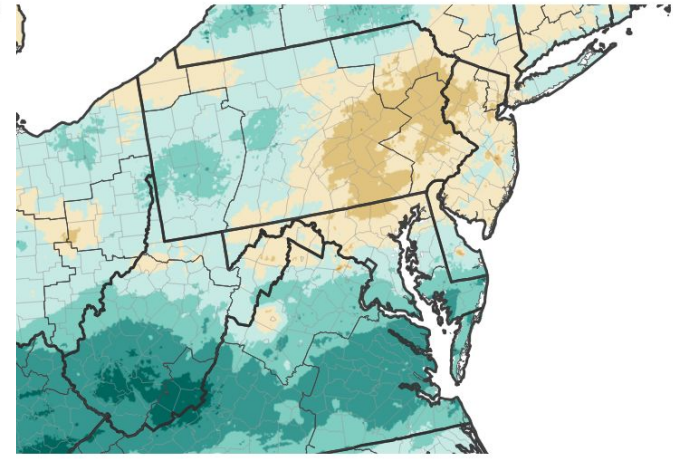
Inches of Precipitation



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

Last Updated: 02/27/25

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: 02/27/25

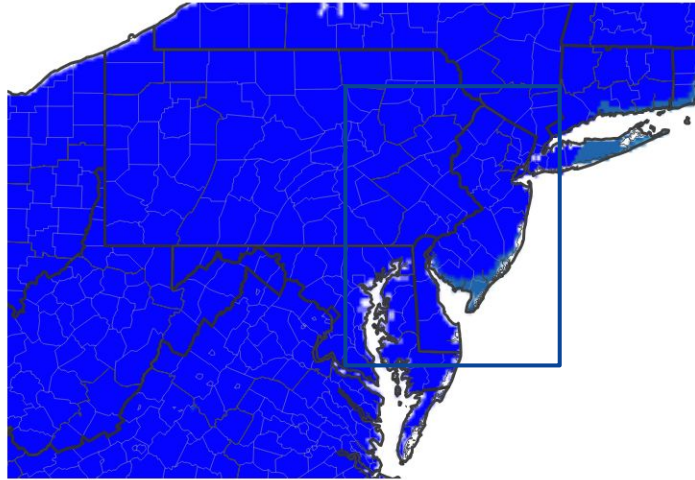




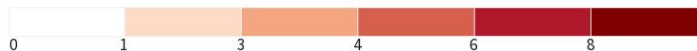
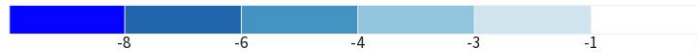
Temperature

- When averaged (ending 2/23), the entire region has seen much below normal temperatures over the last 7 days.
- Over the last 30 days, temperatures have also been below normal.

7-Day Temperature Anomaly



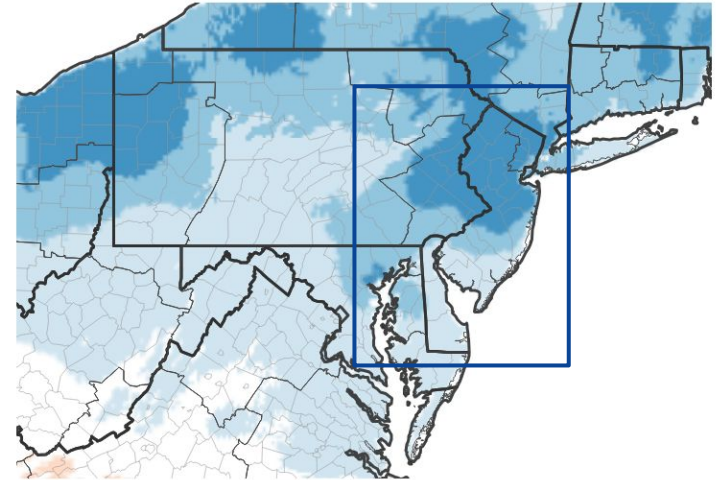
Departure from Normal Max Temperature (°F)



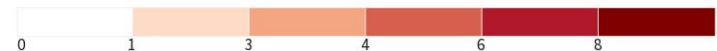
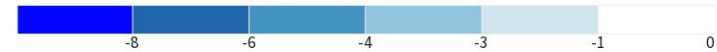
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 02/23/25

30-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: 02/23/25





Summary of Impacts

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

Hydrologic Impacts

- Seven-day average streamflow conditions, ending 2/27, are running below normal to much below normal. See the next slide for more details.

Agricultural Impacts

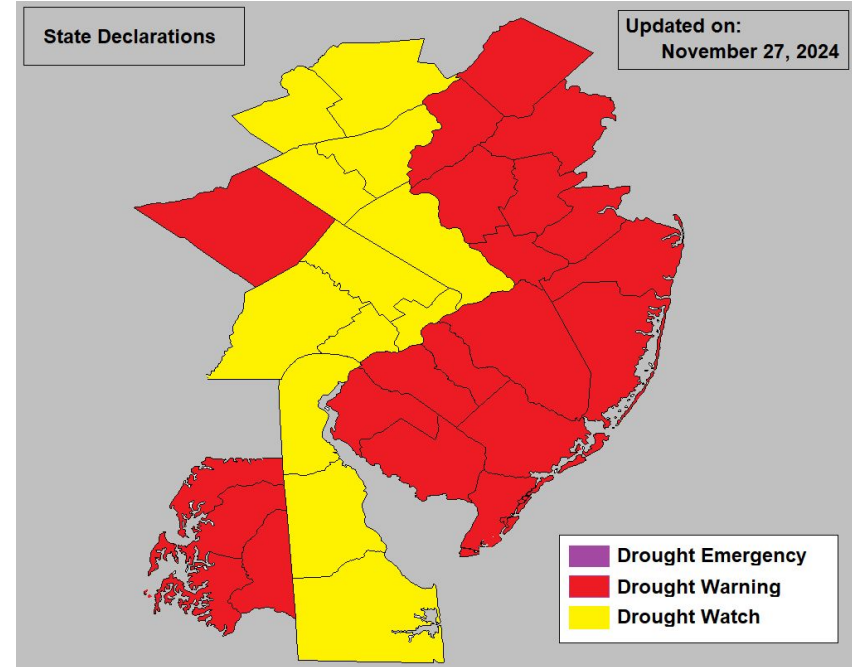
- Soil moisture was running below normal across the HSA.
- See slide 8 for more details.

Other Impacts

- Per state DEPs, reservoir pools across the HSA were either normal or below normal.
- Per the Delaware River Basin Commission, and as of February 24th, the salt front in the Delaware River Estuary was estimated at river mile 71.9. The normal location for this time of year is river mile marker 71. This means the salt line was further upstream compared to normal.

Mitigation Actions

- Per the state of New Jersey, a Drought Warning has been issued for the entire state.
- Per the state of Maryland, a Drought Warning has been issued for the Eastern Shore.
- Per the state of Delaware, a Drought Watch has been issued for the entire state.
- Per the state of Pennsylvania, a Drought Watch has been issued for the East-Central and Southeast portions of the state. A Drought Warning has been issued for Berks county.



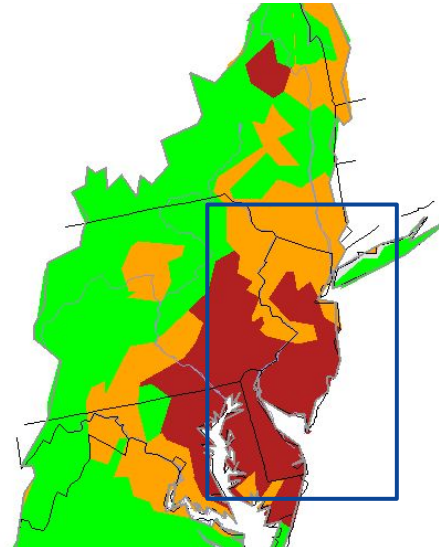
Keep in mind, the National Weather Service does not declare Drought Watches or Warnings.





Hydrologic Conditions and Impacts

- Seven-day average streamflow conditions are running below normal to much below normal.



Explanation - Percentile classes								
Low	<10	10-24	25-75	76-90	>90	High	No Data	
	Much below normal	Below normal	Normal	Above normal	Much above normal			

Image Caption: HUC map [USGS 7 day streamflow for the Mid-Atlantic](#) valid February 27, 2025

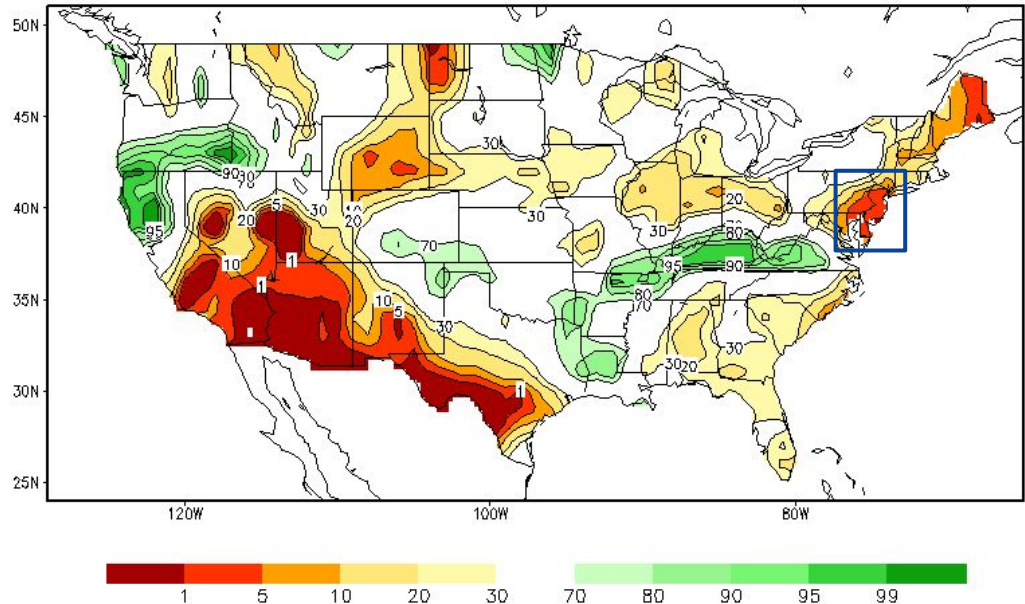




Agricultural Impacts

- Soil moisture was running below normal across the HSA.

Calculated Soil Moisture Ranking Percentile
FEB 26, 2025



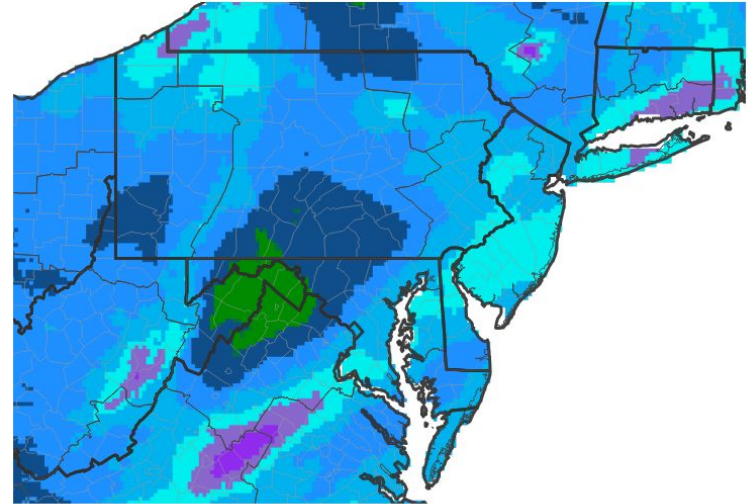


Seven Day Precipitation Forecast

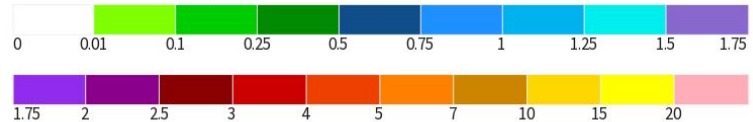
A cold front will move through today bringing showers across the region. This will be followed by brief high pressure on Friday. A strong cold front will move through the region later on Saturday. Cold high pressure will build in later Sunday into Monday before moving offshore into Tuesday. An area of low pressure is forecast to approach on Wednesday.

The 8 to 14 day outlook calls for near normal temperatures and above normal precipitation.

7-Day Quantitative Precipitation Forecast for February 27, 2025–March 6, 2025



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov

Last Updated: 02/27/25

