



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

Valid May 9, 2025

Issued By: NWS Philadelphia/Mt. Holly

Contact Information: wfophi.webmaster@noaa.gov

- This product will be updated June 13, 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 Watch 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.





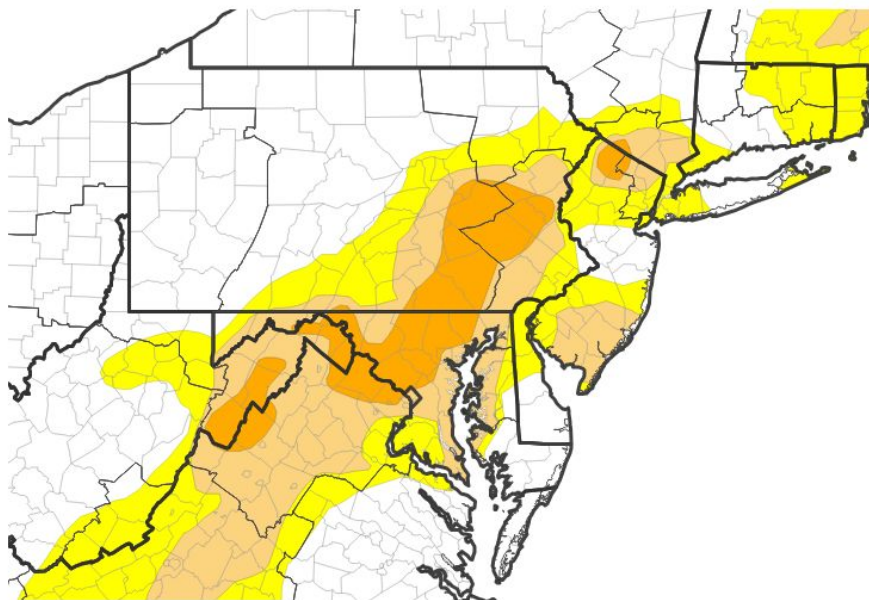
U.S. Drought Monitor

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):** No Extreme Drought exists across the HSA.
- **D2 (Severe Drought):** Severe Drought exists across portions northern NJ and southeastern PA.
- **D1 (Moderate Drought):** Moderate Drought exists across portions of NJ, southeastern PA, and the MD Eastern Shore. .
- **D0: (Abnormally Dry):** The entire forecast area is at least considered Abnormally Dry except for central NJ and portions of the Delmarva.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 05/06/25



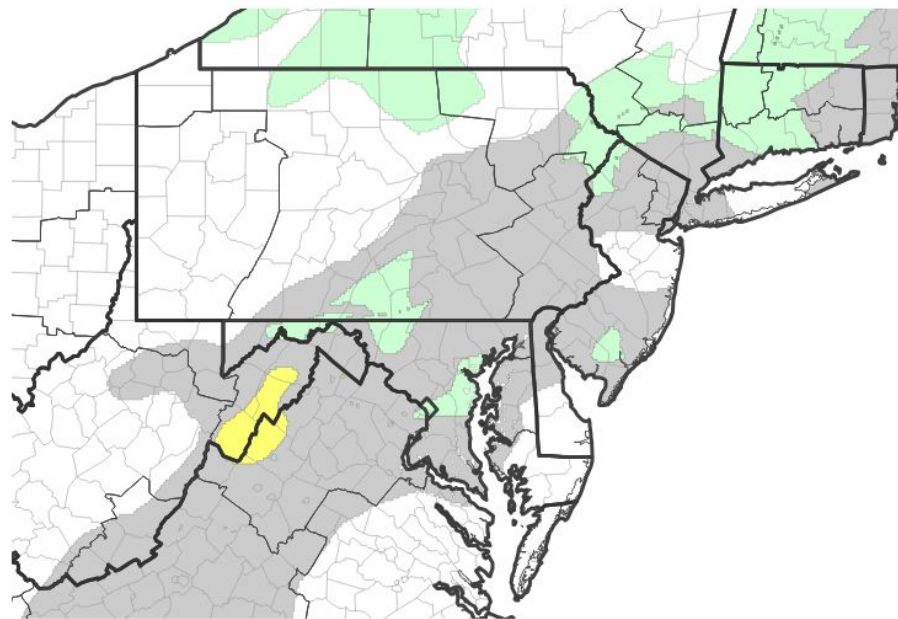


Recent Change in Drought Intensity

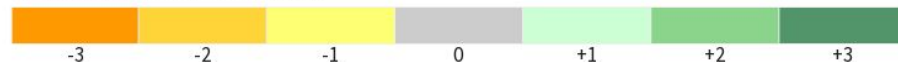
Link to the latest [4-week change map](#) for Philadelphia/Mt Holly Forecast Area

- A Four Week change map can be accessed from the link above.
- One Week Drought Monitor Class Change...
 - Drought Worsened: No degradation was observed.
 - No Change: Most of the forecast area remained the same.
 - Drought Improved: Minor improvements were observed across portions of NJ and PA.

U.S. Drought Monitor 1-Week Change Map



Drought Change Since Last Week



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

Data Valid: 05/06/25



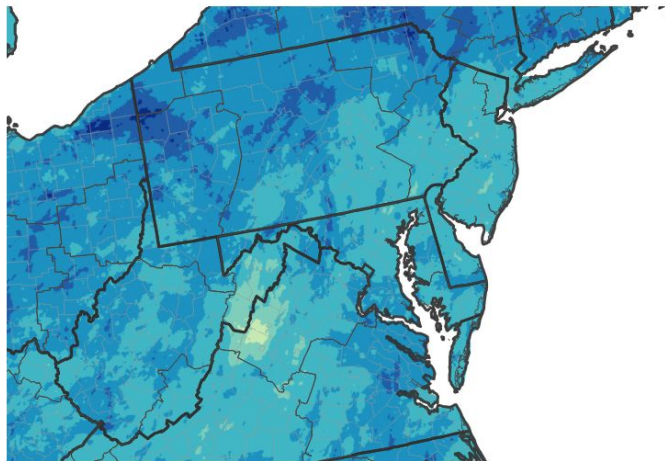


Precipitation

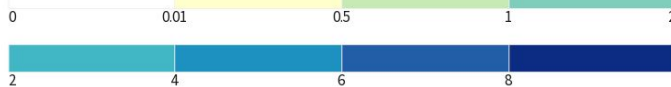
Last 30 Days

- The majority of the HSA have experienced below normal to normal precipitation over the last 30 days.

30-Day Precipitation Accumulations (Inches)



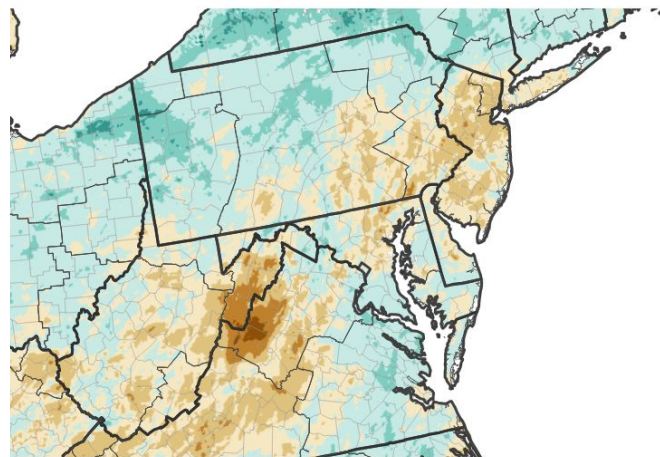
Inches of Precipitation



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

Last Updated: 05/09/25

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: 05/09/25



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

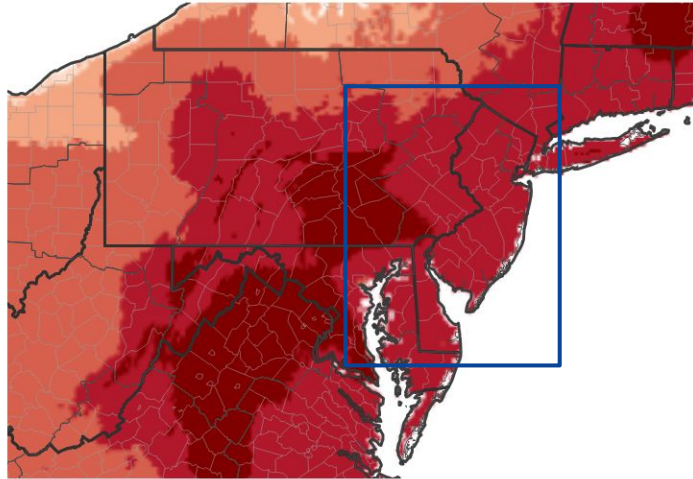
National Weather Service
Philadelphia/Mount Holly



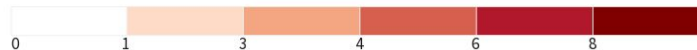
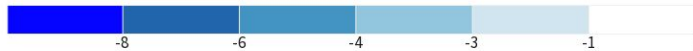
Temperature

- When averaged (ending 5/5), the entire region has seen above normal temperatures over the last 7 days.
- Over the last 30 days, temperatures have also been above normal for most of the forecast area.

7-Day Temperature Anomaly



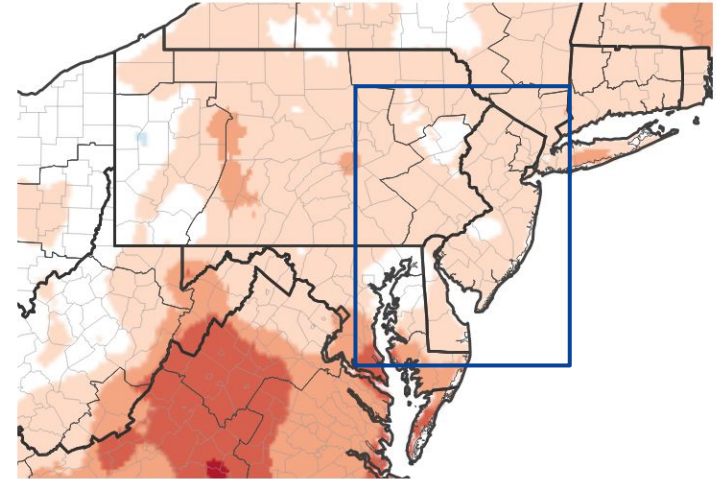
Departure from Normal Max Temperature (°F)



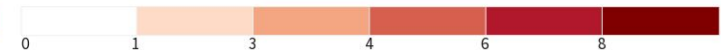
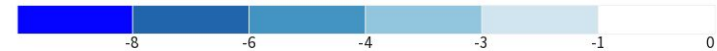
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 05/05/25

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: 05/05/25





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 5/9, are variable across the HSA. See the next slide for more details.

Agricultural Impacts

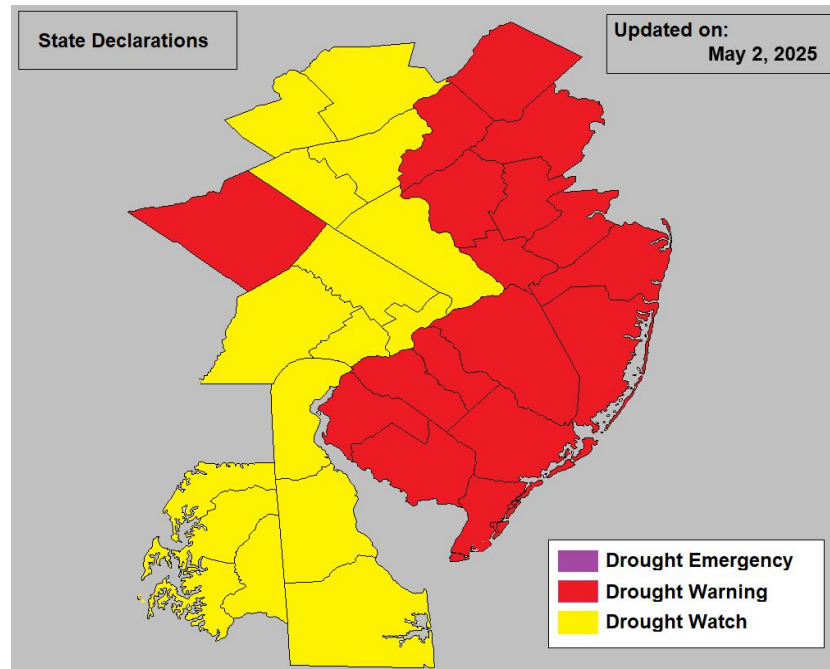
- Soil moisture was running below normal across most of the HSA.
- See slide 8 for more details.

Other Impacts

- Per state DEPs, reservoir pools across the HSA were either below normal or normal.
- Per the Delaware River Basin Commission, and as of May 5th, the salt front in the Delaware River Estuary was estimated at river mile 67.6. The normal location for this time of year is river mile marker 68.

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 Watch 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.



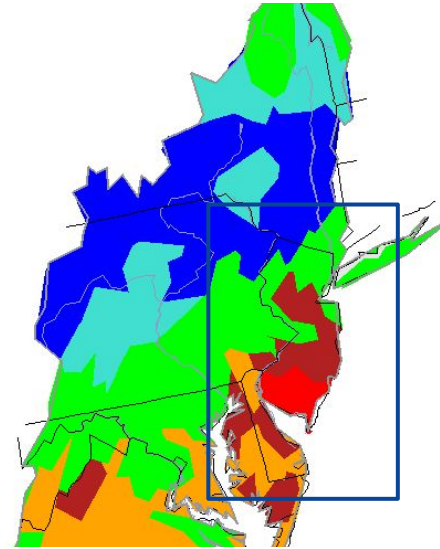
Keep in mind, the National Weather Service does not declare Drought Watches or Warnings.





Hydrologic Conditions and Impacts

- Seven-day average streamflow conditions are variable across the HSA, above normal across the north, below normal across the south.



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		

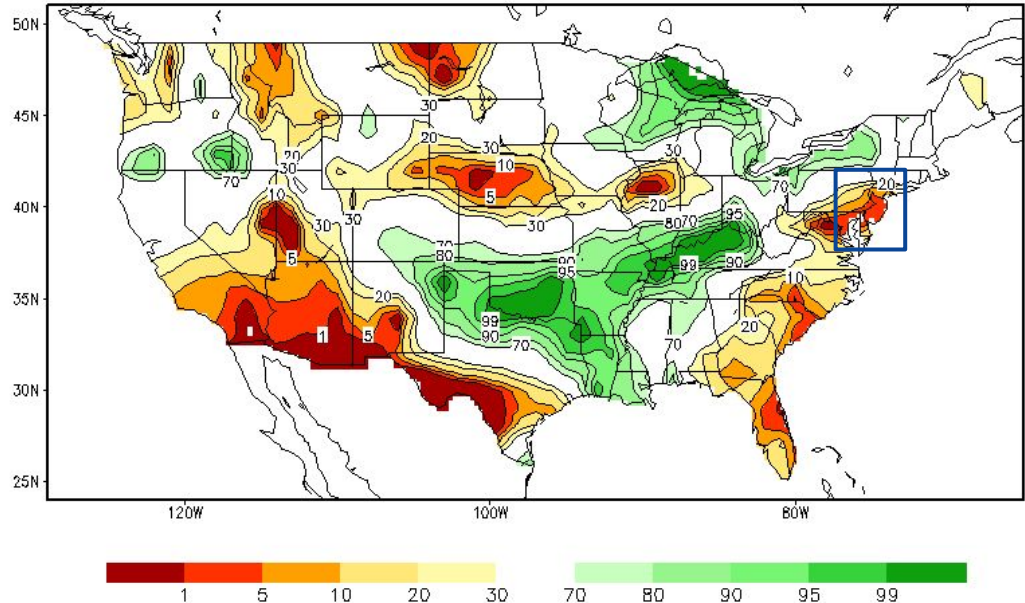
Image Caption: HUC map [USGS 7 day streamflow for the Mid-Atlantic](#) valid May 9, 2025



Agricultural Impacts

- Soil moisture was running below normal across most of the HSA.

Calculated Soil Moisture Ranking Percentile
MAY 08, 2025



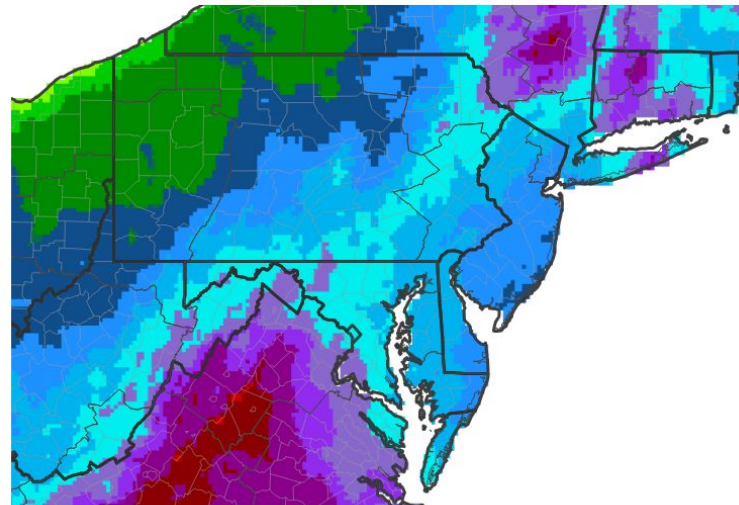


Seven Day Precipitation Forecast

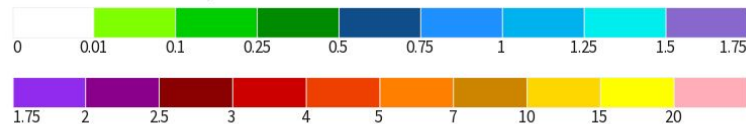
Surface low pressure crosses our area today. This exits the region Saturday with high pressure building in through the weekend. A weak cold front however may settle across our area Saturday night into Sunday. High pressure shifts offshore Monday into Tuesday, then low pressure looks to arrive from the southwest Wednesday into Thursday.

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

7-Day Quantitative Precipitation Forecast for May 9, 2025–May 16, 2025



Predicted Inches of Precipitation



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

Last Updated: 05/09/25

