



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

Valid April 4, 2025

Issued By: NWS Philadelphia/Mt. Holly

Contact Information: wfphi.webmaster@noaa.gov

- This product will be updated May 9, 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.



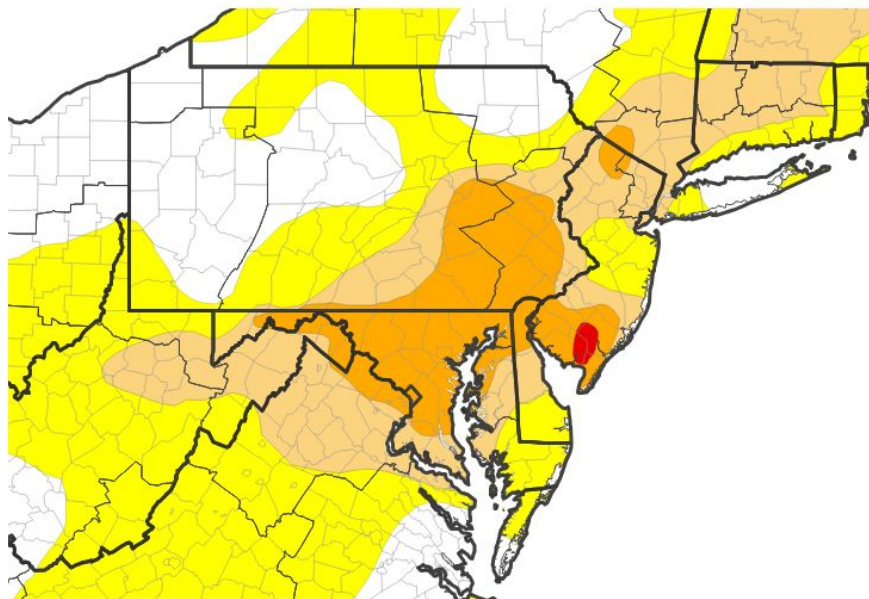
U.S. Drought Monitor

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):** Moderate Drought exists across portions of NJ, DE, southeastern PA, and the MD Eastern Shore. .
- **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: 04/01/25



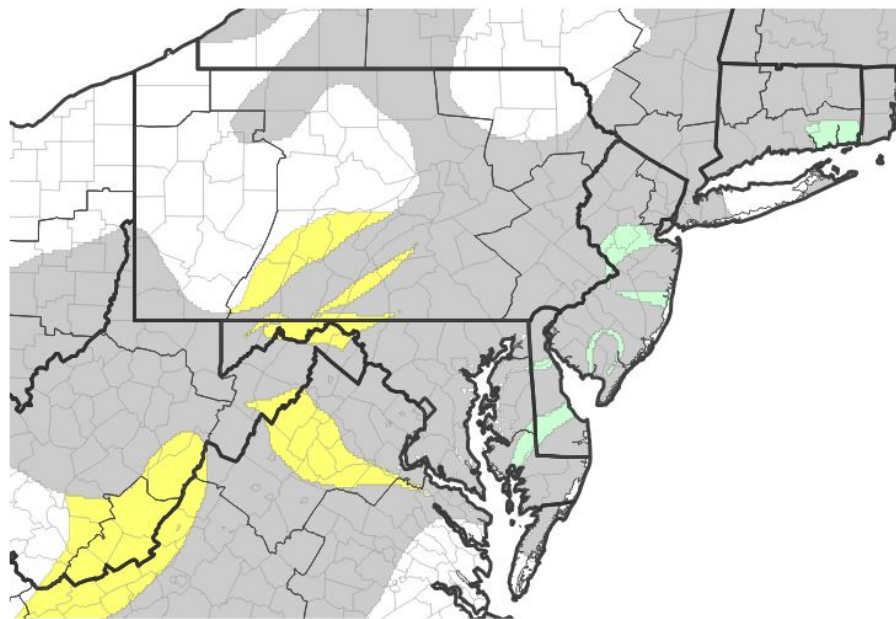


Recent Change in Drought Intensity

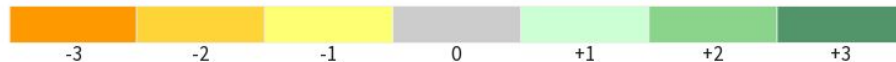
Link to the latest [4-week change map](#) for Philadelphia/Mt Holly Forecast Area

- 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 NJ, PA, DE, and MD.

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: 04/01/25



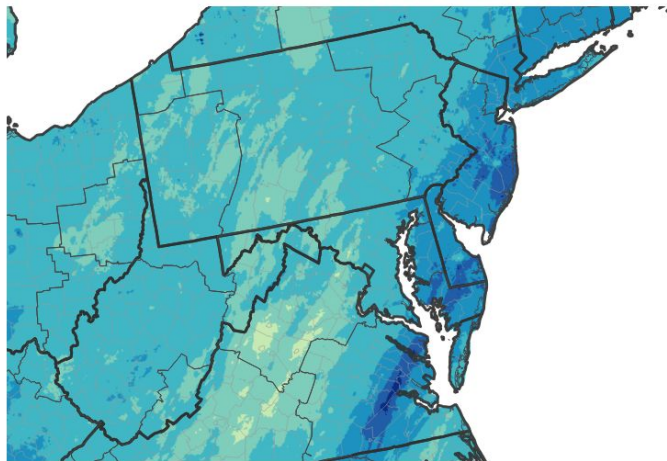


Precipitation

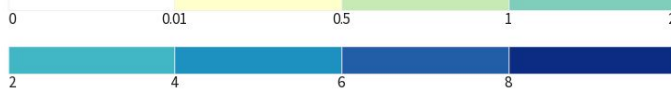
Last 30 Days

- The majority of the HSA have experienced near normal to above normal precipitation over the last 30 days. Berks County, the Lehigh Valley, and the Southern Poconos have seen the largest deficits.

30-Day Precipitation Accumulations (Inches)



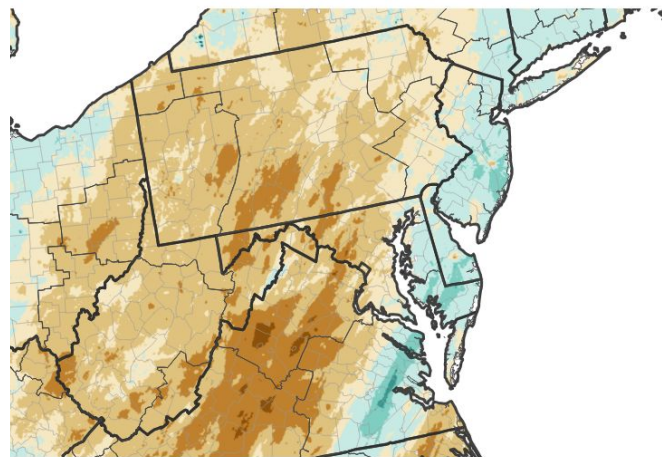
Inches of Precipitation



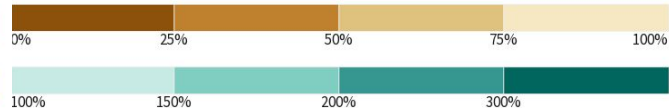
Source(s): National Weather Service Multi-Radar Multi-Sensor System;
image courtesy of Drought.gov

Last Updated: 04/03/25

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: 04/03/25



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

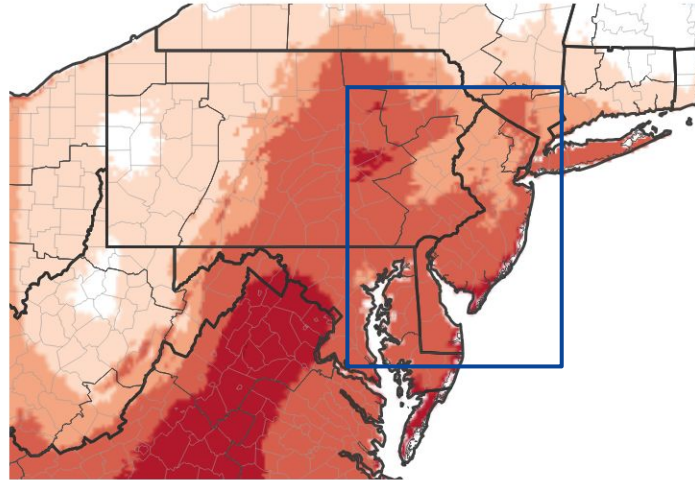
National Weather Service
Philadelphia/Mount Holly



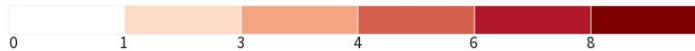
Temperature

- When averaged (ending 3/30), the entire region has seen above normal temperatures over the last 7 days.
- Over the last 30 days, temperatures have also been above normal.

7-Day Temperature Anomaly



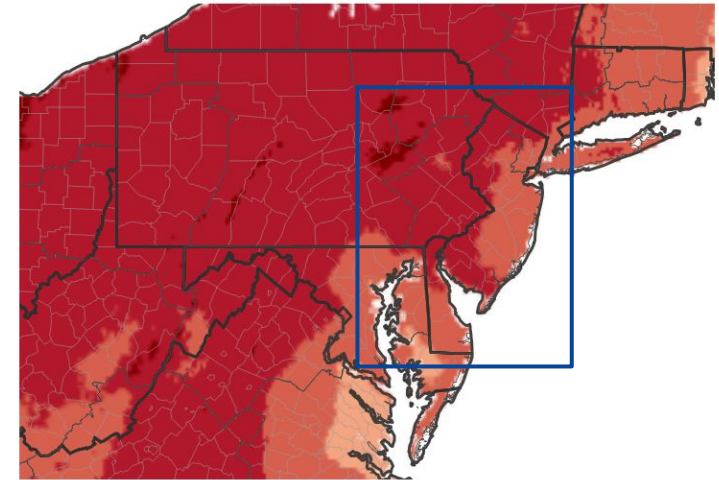
Departure from Normal Max Temperature (°F)



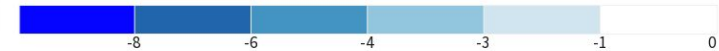
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 03/30/25

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: 03/30/25





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 3/3, are running below normal to normal. See the next slide for more details.

Agricultural Impacts

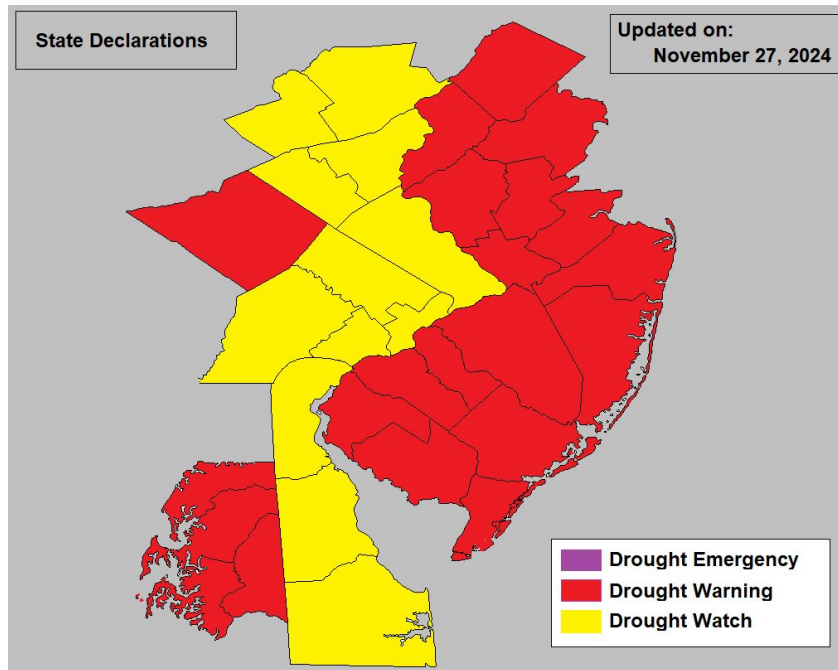
- Soil moisture was running below normal across the HSA.
- See slide 8 for more details.

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 March 31st, the salt front in the Delaware River Estuary was estimated at river mile 69.1. The normal location for this time of year is river mile marker 70. This means the salt line was further downstream 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.



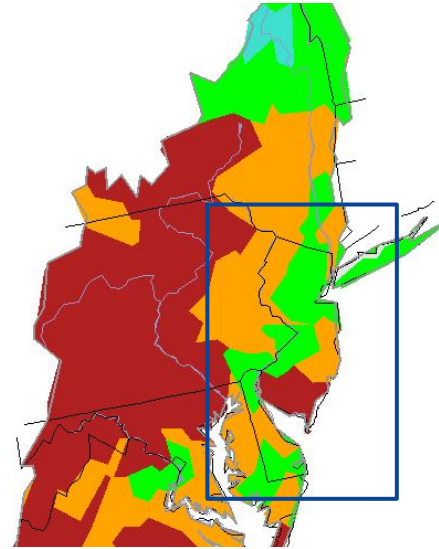
Keep in mind, the National Weather Service does not declare Drought Watches or Warnings.





Hydrologic Conditions and Impacts

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

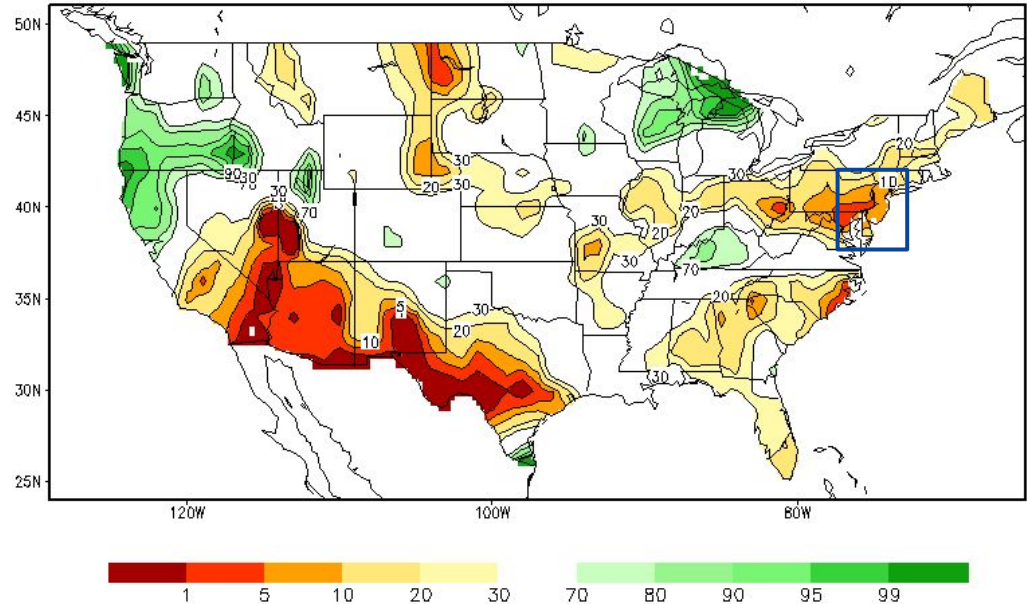
Image Caption: HUC map [USGS 7 day streamflow for the Mid-Atlantic](#) valid March 3, 2025



Agricultural Impacts

- Soil moisture was running below normal across the HSA.

Calculated Soil Moisture Ranking Percentile
APR 02, 2025





Seven Day Precipitation Forecast

A cold front will settle to our south today and tonight as high pressure builds across portions of southeastern Canada and New England. As low pressure moves up the Ohio Valley and then across the Great Lakes tonight and Saturday, the front will move northward some as a warm front. A cold front will then move through Sunday followed by a stronger cold front Monday night into early Tuesday. High pressure will then build in later Wednesday before shifting offshore into Thursday.

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

7-Day Quantitative Precipitation Forecast for April 2, 2025–April 9, 2025

