



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

Valid January 24, 2025

Issued By: NWS Philadelphia/Mt. Holly

Contact Information: [wfophi.webmaster@noaa.gov](mailto:wfophi.webmaster@noaa.gov)

- This product will be updated February 28, 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.



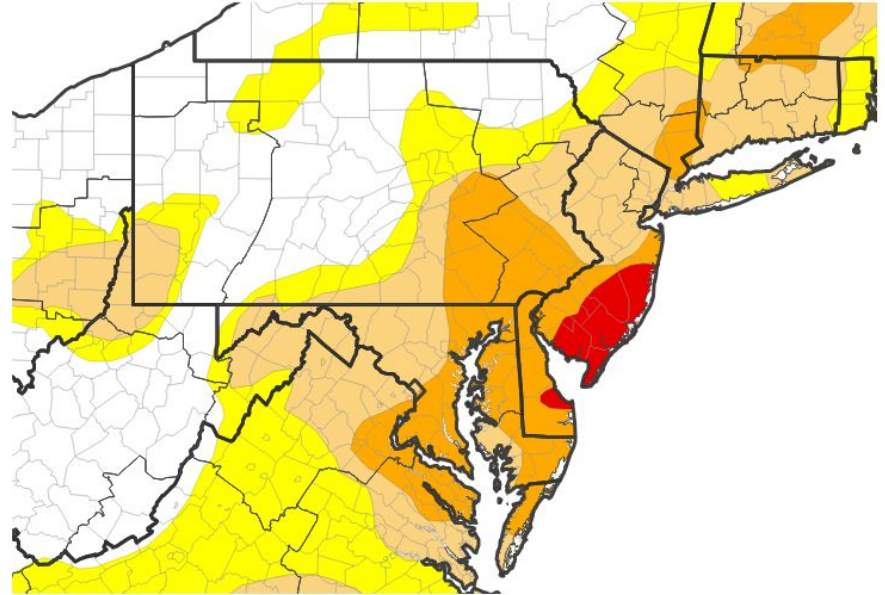


# U.S. Drought Monitor

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 and Delaware.
  - **D2 (Severe Drought)**: Much of the forecast area, south of I-78, is at least in Severe Drought.
  - **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: 01/21/25



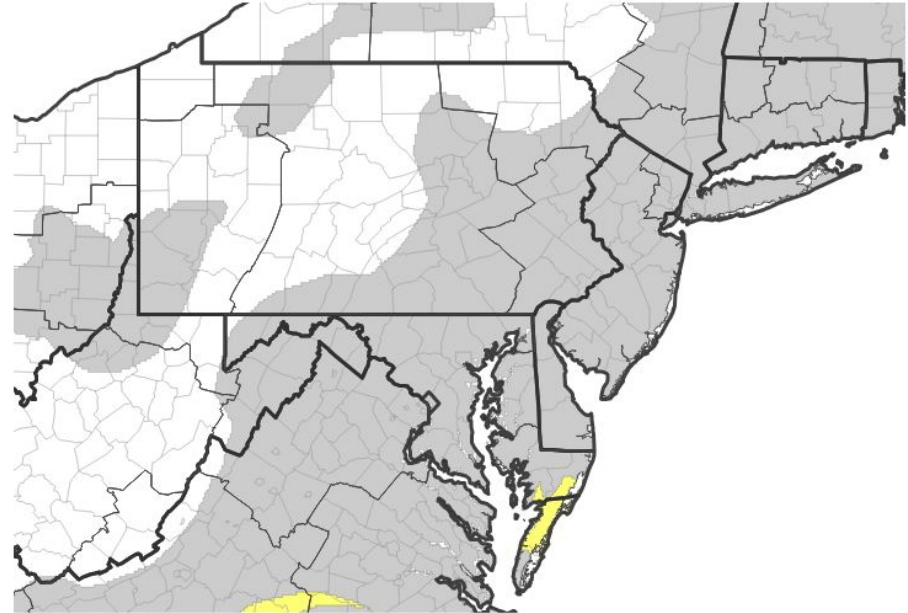


# Recent Change in Drought Intensity

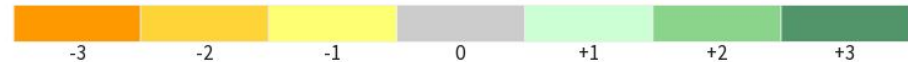
Link to the latest [4-week change map](#) for Philadelphia/Mt Holly Forecast Area

- A Four Week change map can be accessed from the link above.
- One Week Drought Monitor Class Change...
  - Drought Worsened: No deterioration was observed.
  - No Change: All 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

Data Valid: 01/21/25



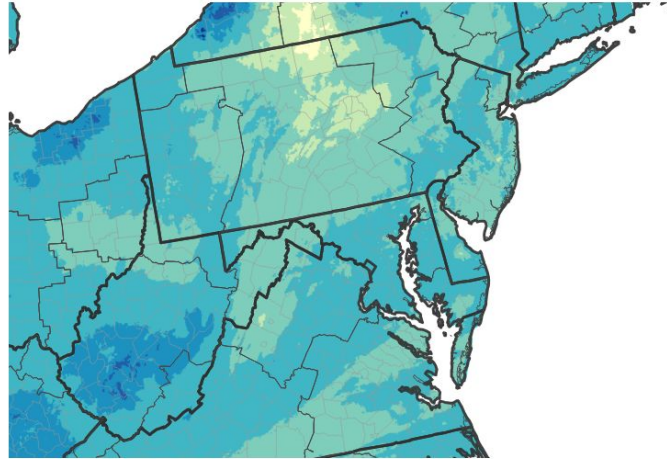


# Precipitation

Last 30 Days

- Precipitation across the HSA, over the last 30 days, has been below normal.

30-Day Precipitation Accumulations (Inches)



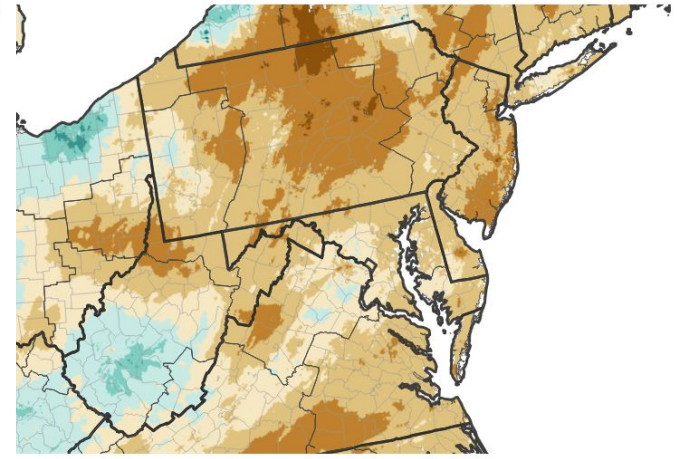
Inches of Precipitation



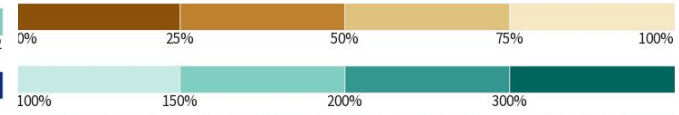
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 01/23/25

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: 01/23/25



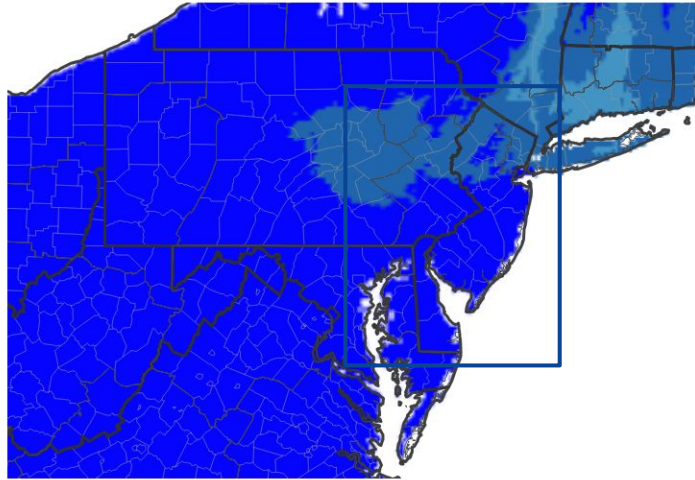




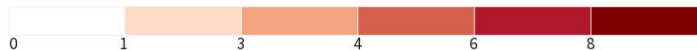
# Temperature

- When averaged (valid 1/12), the entire region has seen below normal temperatures.
- Over the last 30 days, temperatures have mainly been below normal.

7-Day Temperature Anomaly



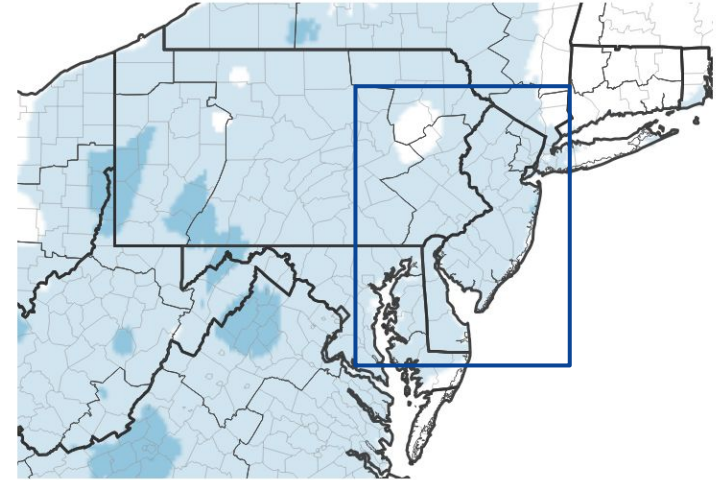
Departure from Normal Max Temperature (°F)



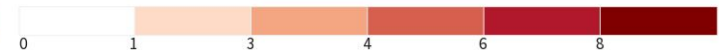
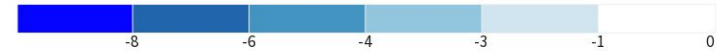
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 01/12/25

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: 01/12/25





# 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 1/23, varied from normal to much below normal depending on location. See the next slide for more details.

## Agricultural Impacts

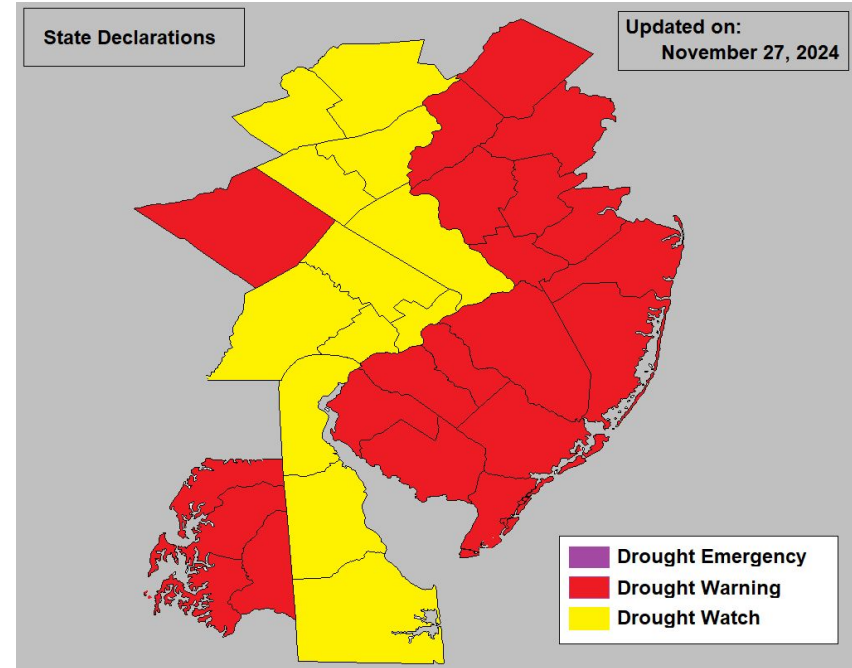
- Soil moisture was running below normal across the HSA.
- See slide 8 for more details.

## Other Impacts

- Per state DEPs, reservoir pools across the HSA were mainly below normal.
- Per the Delaware River Basin Commission, and as of January 21st, the salt front in the Delaware River Estuary was estimated at river mile 72. The normal location for this time of year is river mile marker 69. 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.



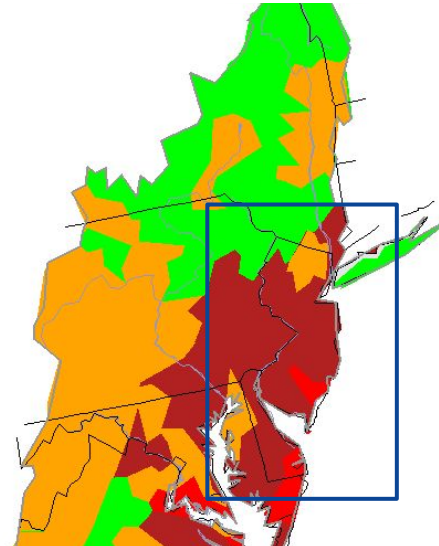
Keep in mind, the National Weather Service does not declare Drought Watches or Warnings.





# Hydrologic Conditions and Impacts

- Seven-day average streamflow conditions varied from normal to much below normal depending on location.



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 January 23, 2025

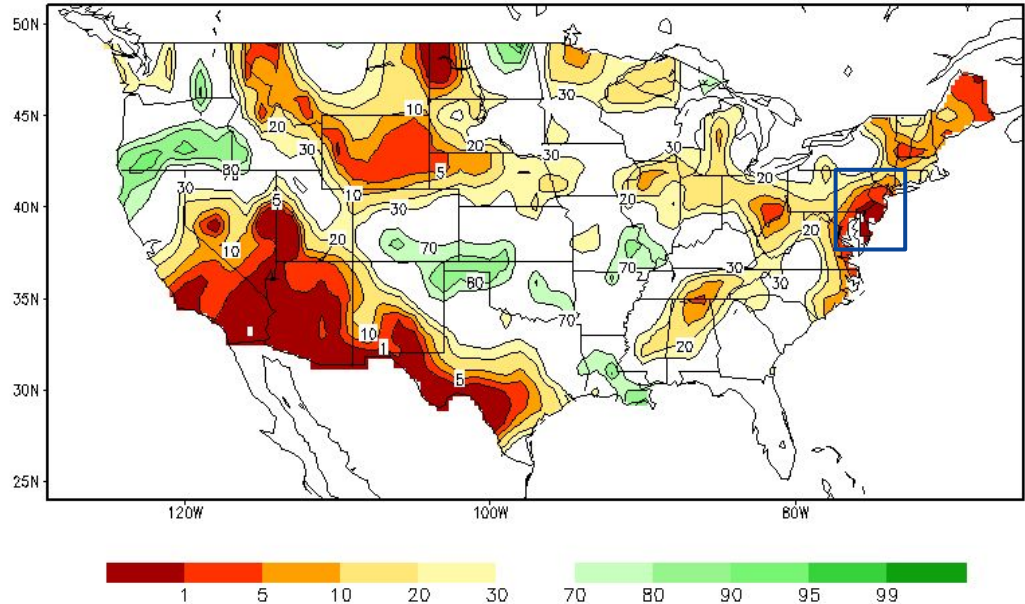




# Agricultural Impacts

- Soil moisture was running below normal across the HSA.

Calculated Soil Moisture Ranking Percentile  
JAN 23, 2025





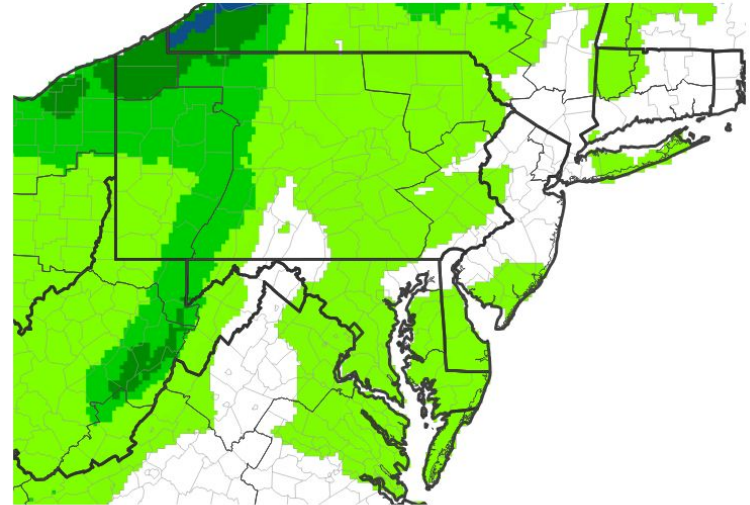


# Seven Day Precipitation Forecast

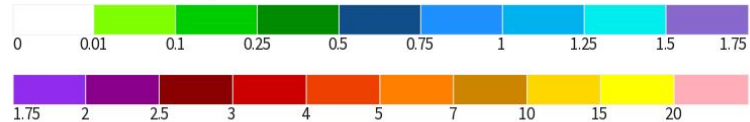
High pressure across the Southeast and Mid-Atlantic will drift east this afternoon, sliding offshore early this weekend. A weak cold front will pass through the region tonight, keeping temperatures below average on Saturday. A few weak cold frontal passages can be expected through next week, with some potential for a stronger low pressure system Wednesday into Thursday.

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

7-Day Quantitative Precipitation Forecast for January 23, 2025–January 30, 2025



Predicted Inches of Precipitation



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

Last Updated: 01/23/25

