



# Winter/Spring Flood Outlook for Central Pennsylvania

Valid **May 13, 2025**

Issued by: WFO State College

Contact Information: [ctp.stormreports@noaa.gov](mailto:ctp.stormreports@noaa.gov)

- This is the final Winter/Spring Flood Outlook for the 2025 Spring season.
- Please visit <https://www.weather.gov/ctp/moreWater?tabName=Outlooks> for previous statements.

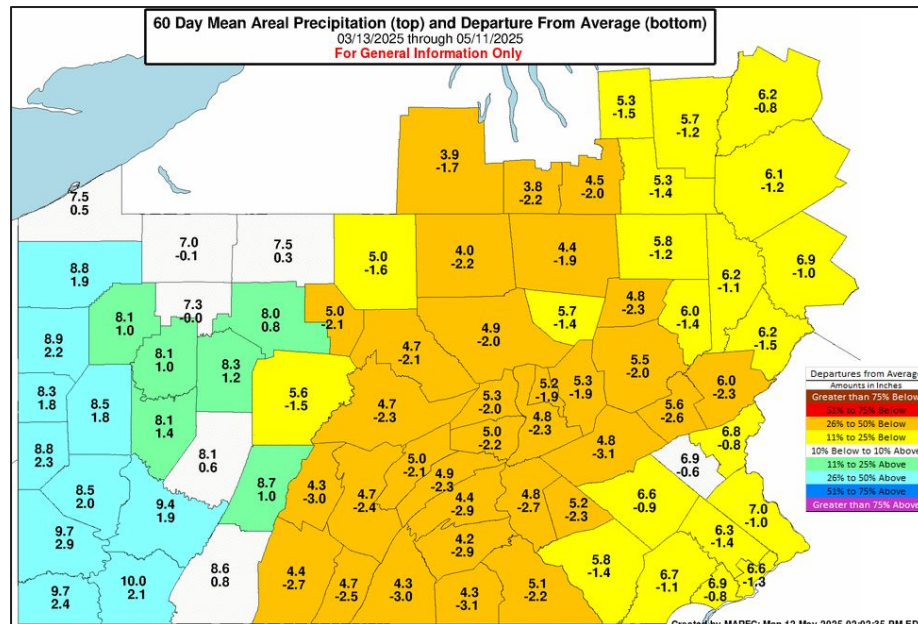
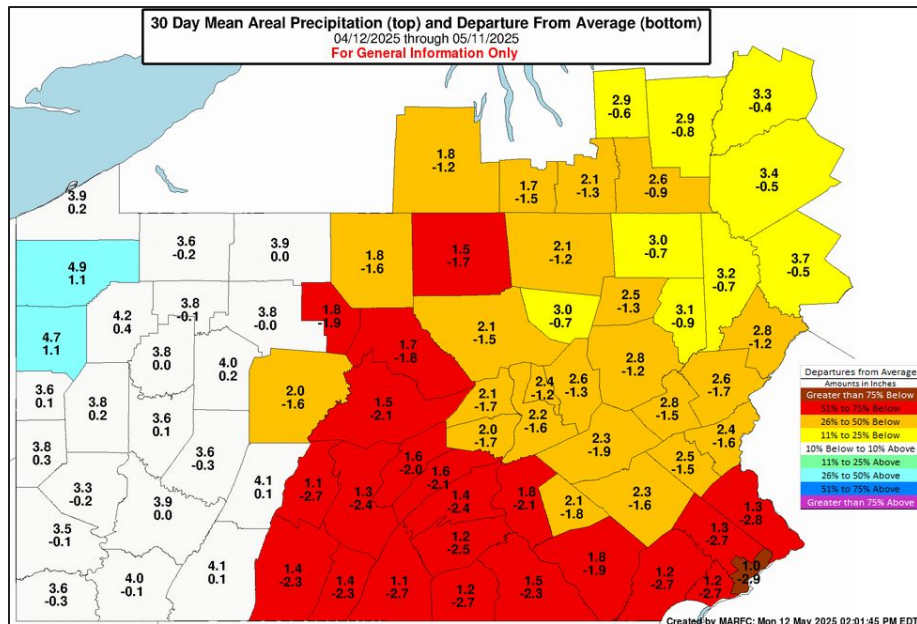
- The overall flood potential over the next two weeks is **AVERAGE** across Central Pennsylvania.
  - See presentation for additional details





# 30-Day and 60-Day Precipitation Departures

Link to the Regional [30-Day](#) and [60-Day](#) Precipitation Departures



- Both 30-Day and 60-Day Precipitation Departures have been below to well below average across most of central Pennsylvania, with the exception of the western highlands which have been near to slightly above average.

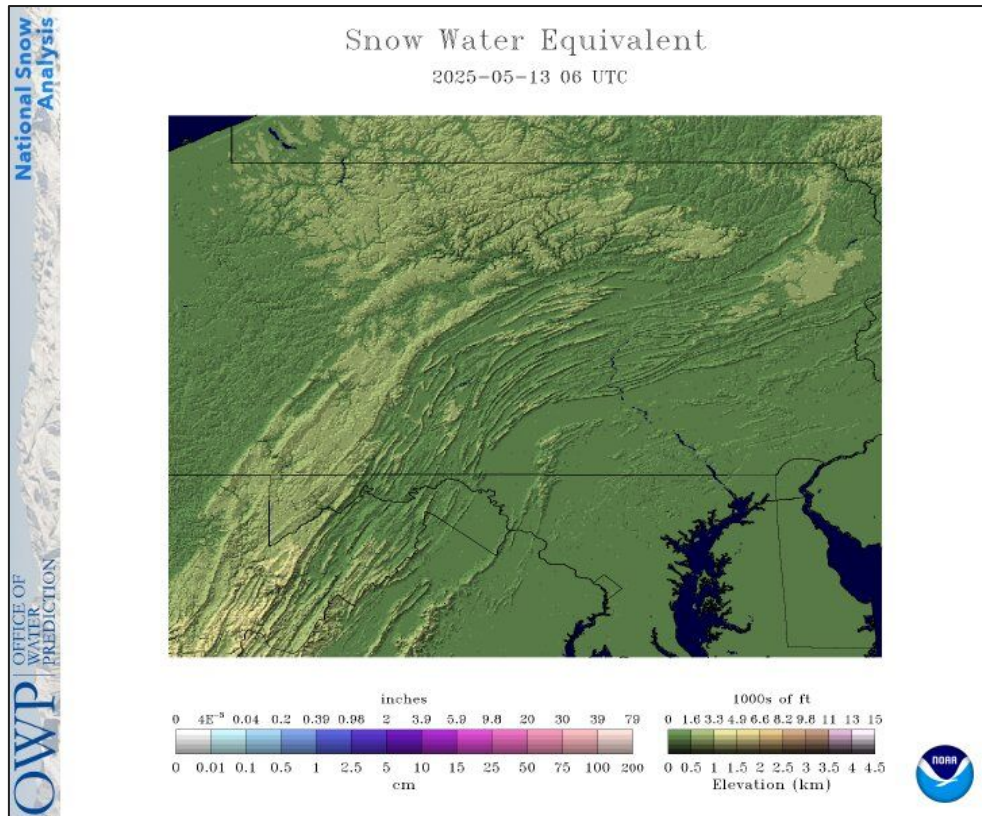




# Latest Snow Water Equivalent (SWE)

Link to the [Snow Water Equivalent for Pennsylvania](#)

- The latest Snow Water Equivalent (SWE) map shows that there was no snow cover across central Pennsylvania as of May 13, 2025.



National Oceanic and  
Atmospheric Administration

U.S. Department of Commerce

National Weather Service  
Central Pennsylvania



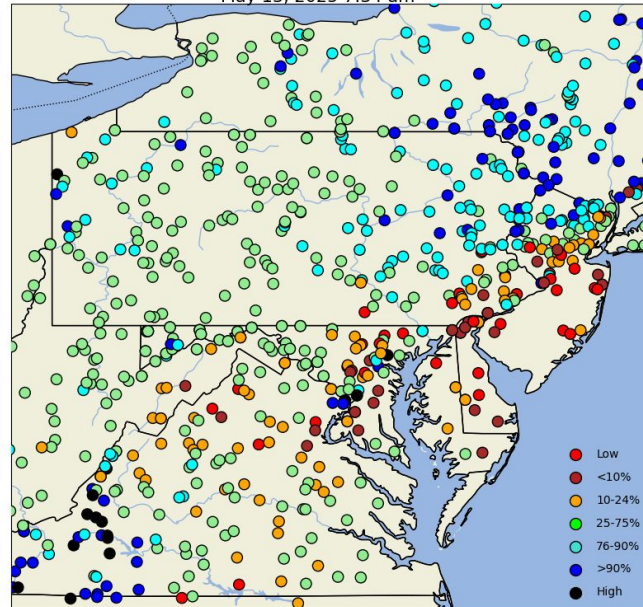
# Hydrologic Conditions and Impacts

Link to [latest USGS Streamflows](#)

- Streamflows were generally running near to above average across most of central Pennsylvania, with the exception of the Lower Susquehanna Valley continues to run below to well below average.

## USGS Current Streamflows

May 13, 2025 7:34 am



Data Courtesy US Geological Survey

NWS Mid-Atlantic River Forecast Center @NWSMARFC



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

National Weather Service  
Central Pennsylvania



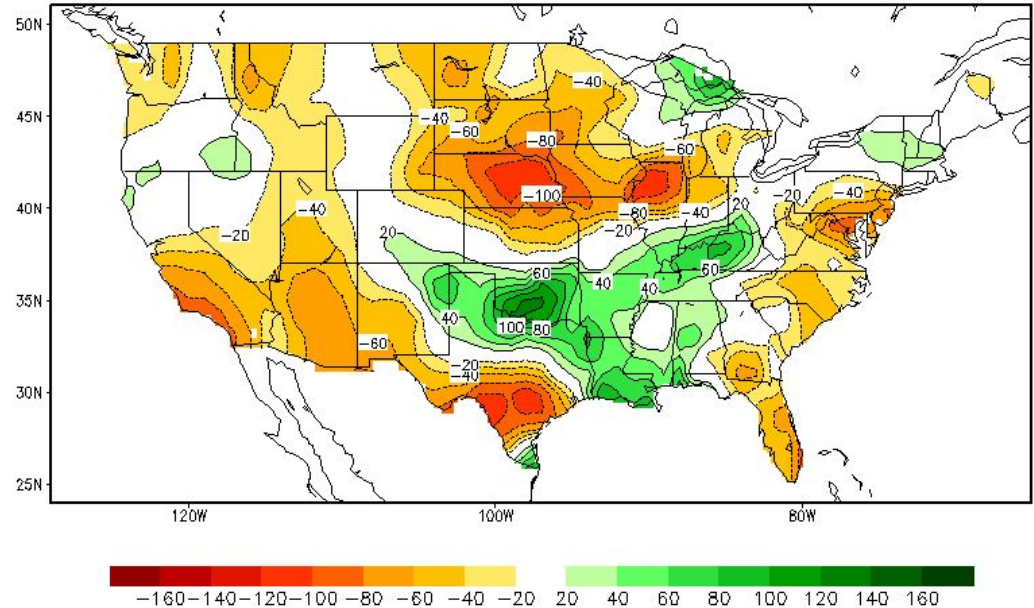


# Soil Moisture Conditions

Link to [Nationwide Soil Moisture Conditions](#)

- As of April 16, 2025, soil moisture conditions were running near to below average across central Pennsylvania, with the largest deficits being across the Lower Susquehanna Valley.

Calculated Soil Moisture Anomaly (mm)  
MAY 11, 2025

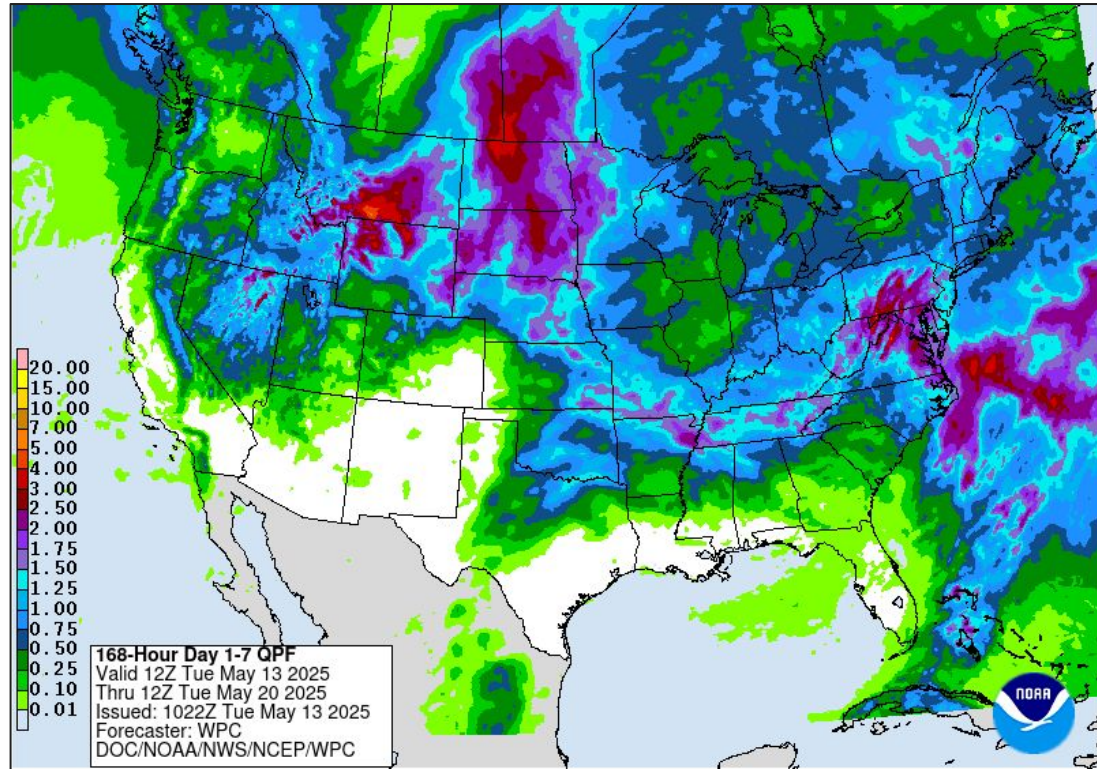




# Seven Day Precipitation Forecast

Link to [latest Quantitative Precipitation Forecast \(QPF\)](#) from WPC

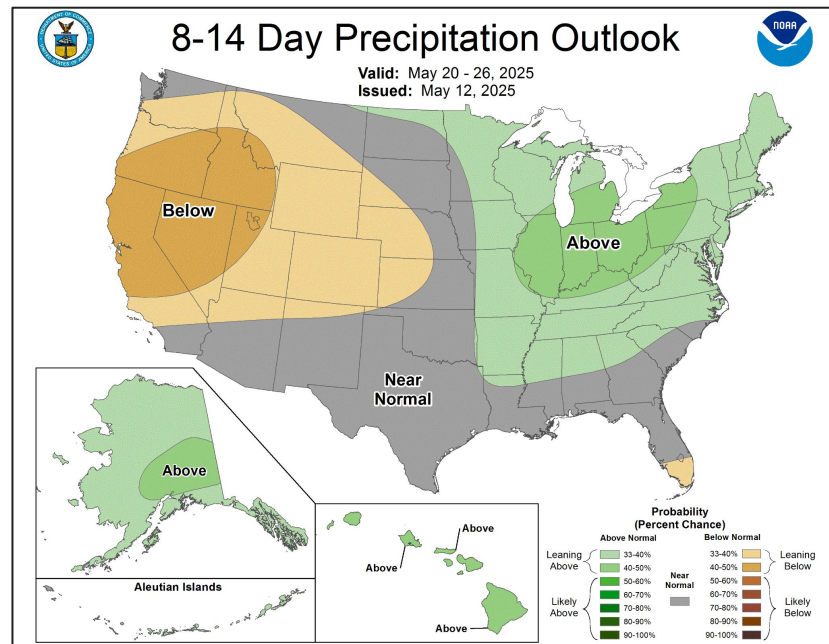
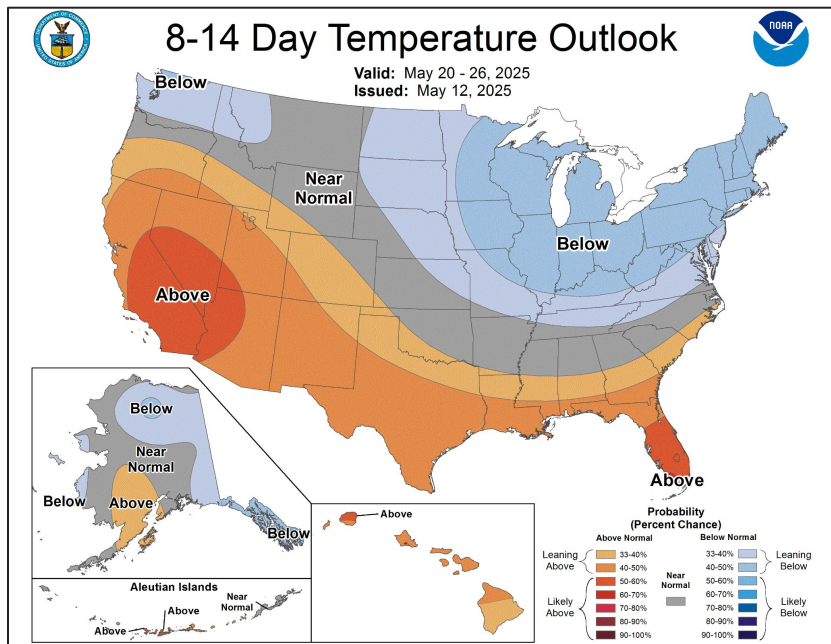
- The 7-Day precipitation forecast ranges from 0.75-1.00" across far northern Pennsylvania to 1.00-2.50" across the remainder of the commonwealth.





# 8-14 Day Temperature and Precipitation Outlooks

The latest 6-10 Day , 8-14 Day, monthly and seasonal outlooks can be found on the [CPC homepage](#)



- The 8-14 day forecast for the week of April 25 to May 1, 2025 calls for a trend towards below average temperatures and above average precipitation across central Pennsylvania.







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- A detailed map of Pennsylvania showing county boundaries and major cities. Green square markers are distributed across the state, indicating sampling locations. The map includes labels for cities such as Erie, Jamestown, Olean, Warren, Oil City, Scranton, Hazleton, and Pittsburgh. It also shows major roads like I-19, I-76, and I-78, and geographical features like Allegheny National Forest and Delaware Canal State Park.







# Flood Outlook Summary

## Current and expected conditions:

- Recent precipitation: Below average for all but western highlands
  - Snow conditions: N/A
  - River Ice: N/A
  - Streamflow Conditions: Near to above avg outside of Lower Susq Valley, which is below avg
  - Soil Moisture Conditions: Near to below average
  - Groundwater: Near average
  - Reservoir Conditions: Near average
  - Precipitation Forecast: Above average
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- The overall flood potential over the next two weeks is **AVERAGE** across central Pennsylvania.

The is the final update for Spring 2025.

