



# Winter/Spring Flood Outlook for Central Pennsylvania

Valid **April 4, 2025**

Issued by: WFO State College

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

- Next update due by **April 18, 2025**
- This product will be updated approximately every two weeks through early Spring, and more frequently if conditions change significantly.
- Please visit <https://www.weather.gov/ctp/moreWater?tabName=Outlooks> for previous statements.

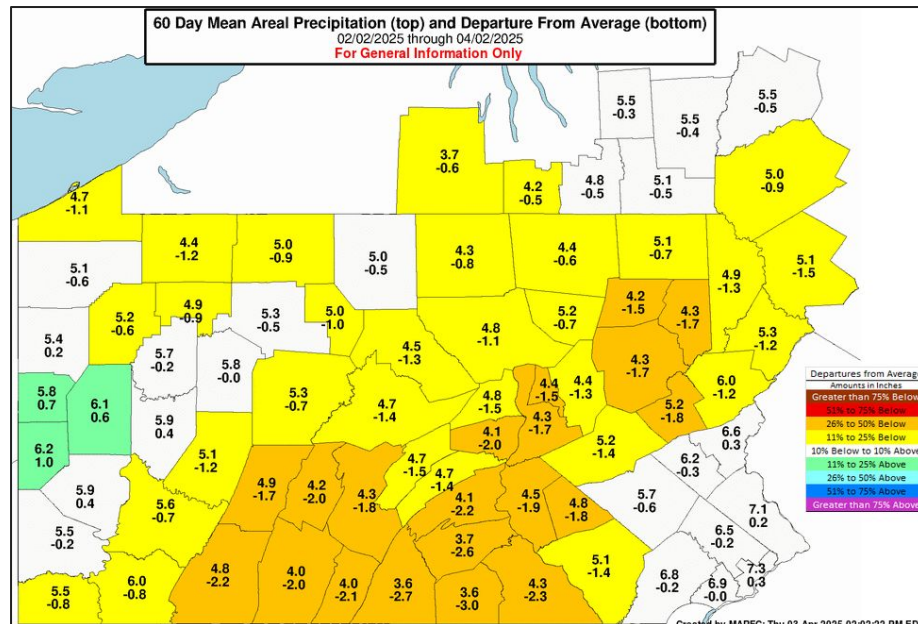
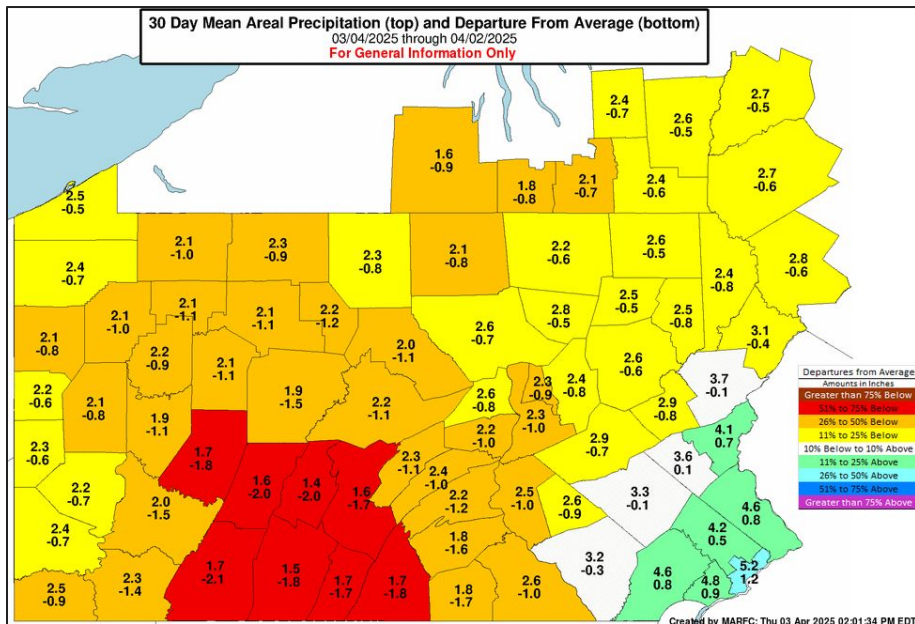
- The overall flood potential over the next two weeks ranges from **NEAR AVERAGE** across the Allegheny Plateau to **BELOW AVERAGE** in the Lower Susquehanna Valley.
  - See presentation for additional details





# 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 average across Central Pennsylvania.



National Oceanic and  
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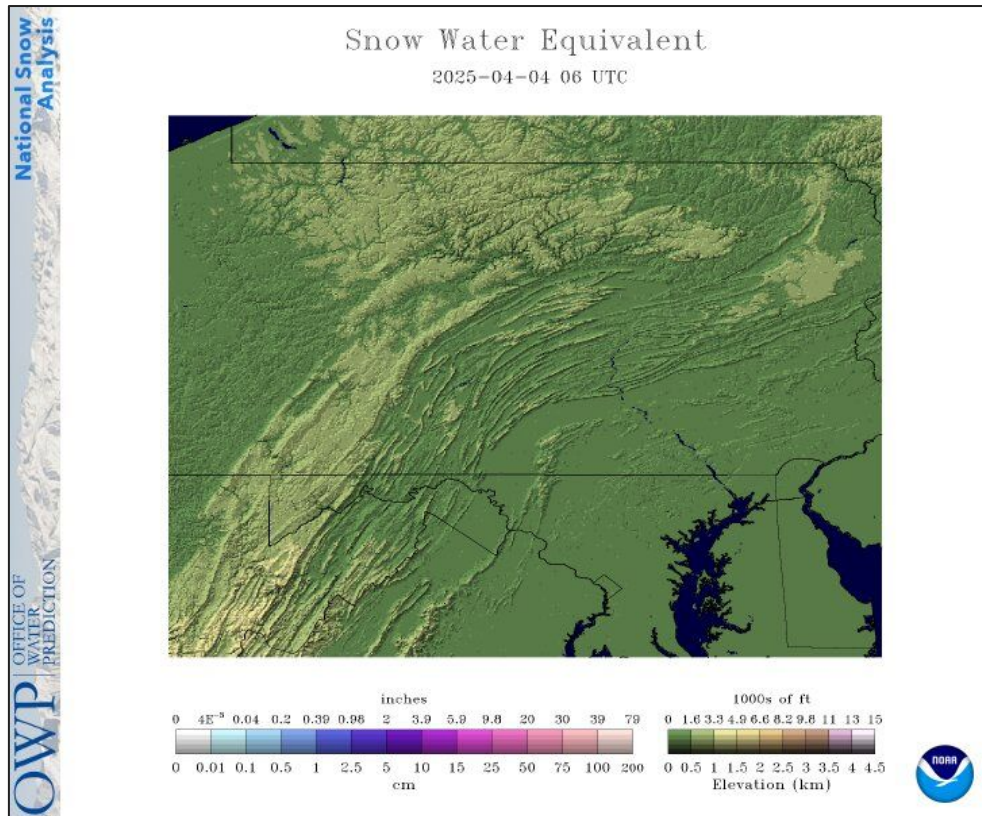
National Weather Service  
Central Pennsylvania



# 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 April 4, 2025.



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**National Weather Service  
Central Pennsylvania**



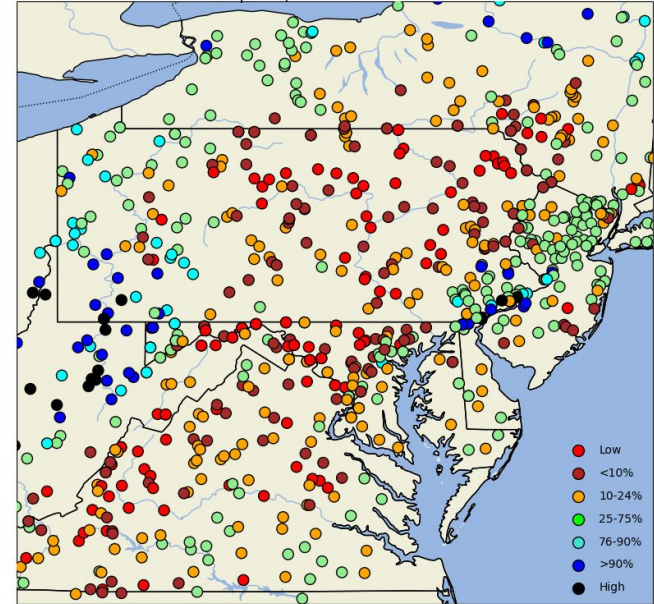
# Hydrologic Conditions and Impacts

Link to [latest USGS Streamflows](#)

- Streamflows are generally running below to well below average across most of Central Pennsylvania as of April 4, 2025.

## USGS Current Streamflows

Apr 04, 2025 7:34 am



Data Courtesy US Geological Survey

NWS Mid-Atlantic River Forecast Center @NWSMARFC



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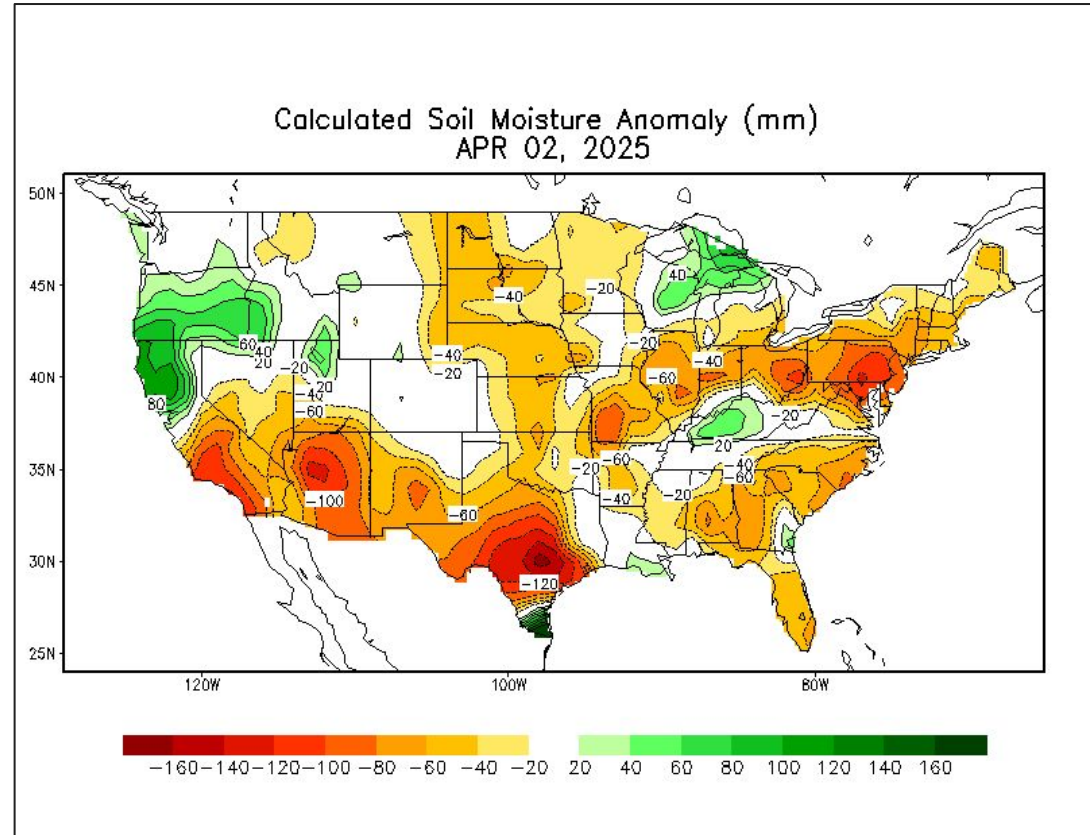




# Soil Moisture Conditions

Link to [Nationwide Soil Moisture Conditions](#)

- As of April 2, 2025, soil moisture conditions were below to well below average across Central Pennsylvania.

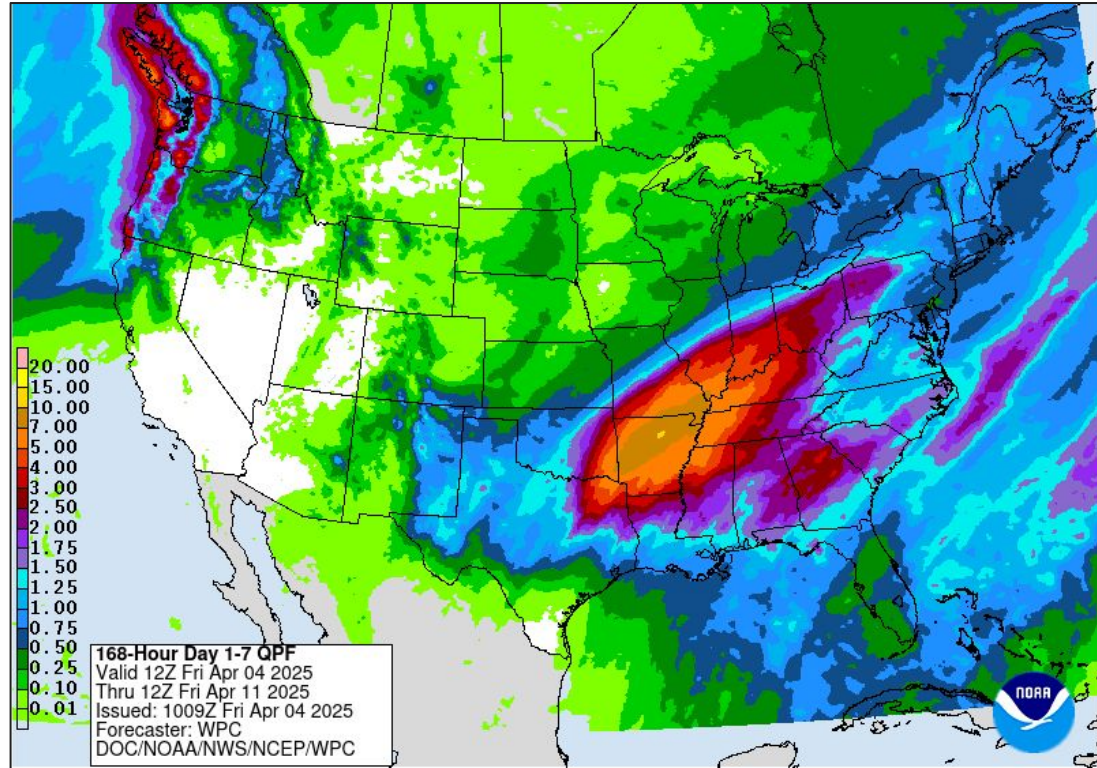




# Seven Day Precipitation Forecast

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

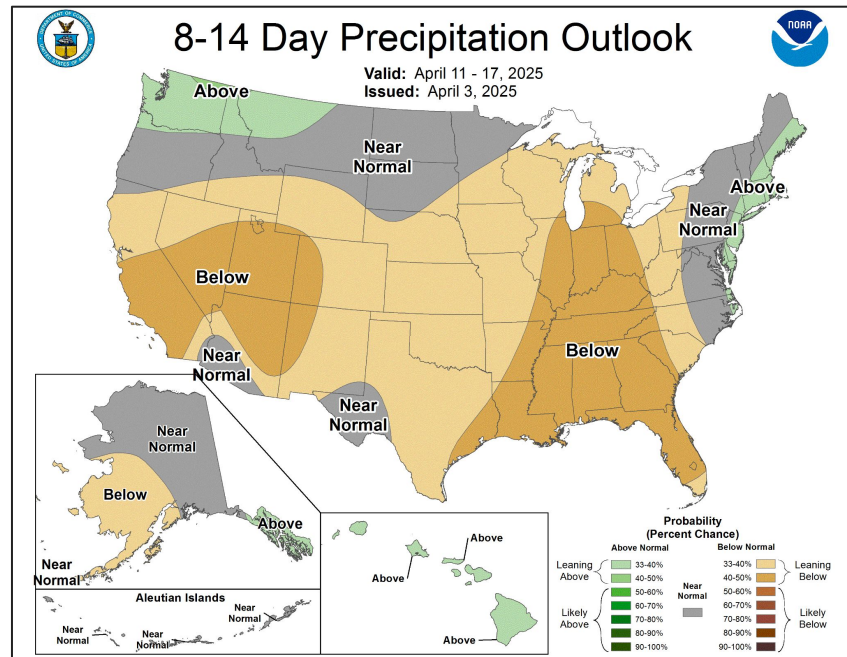
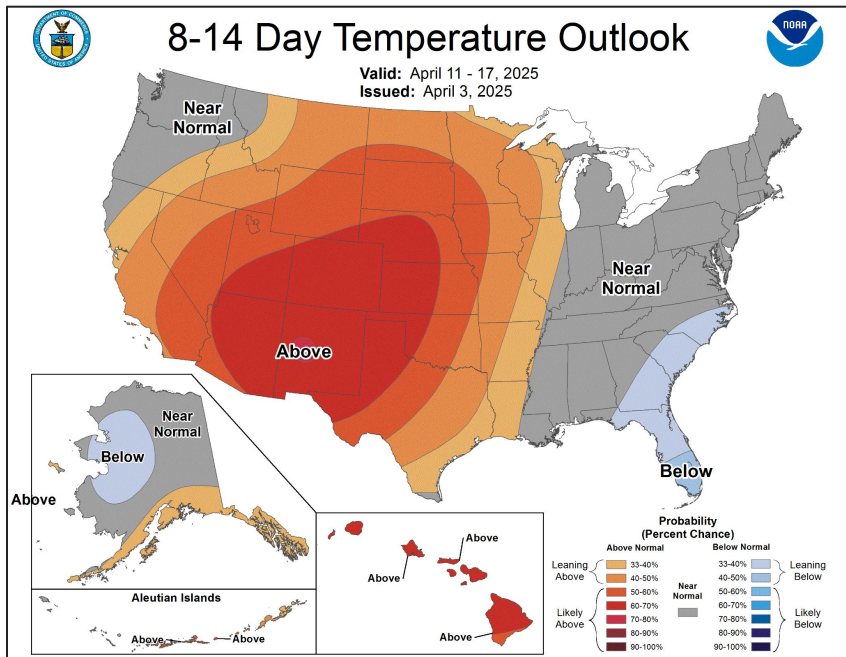
- The 7-Day precipitation forecast ranges from 0.50 to 0.75 inches across the Lower Susquehanna Valley up to 1.75 to 2.00 inches across the northwestern plateau.





# 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 11-17, 2025 calls for a trend towards near average temperatures and near average precipitation across Central Pennsylvania.

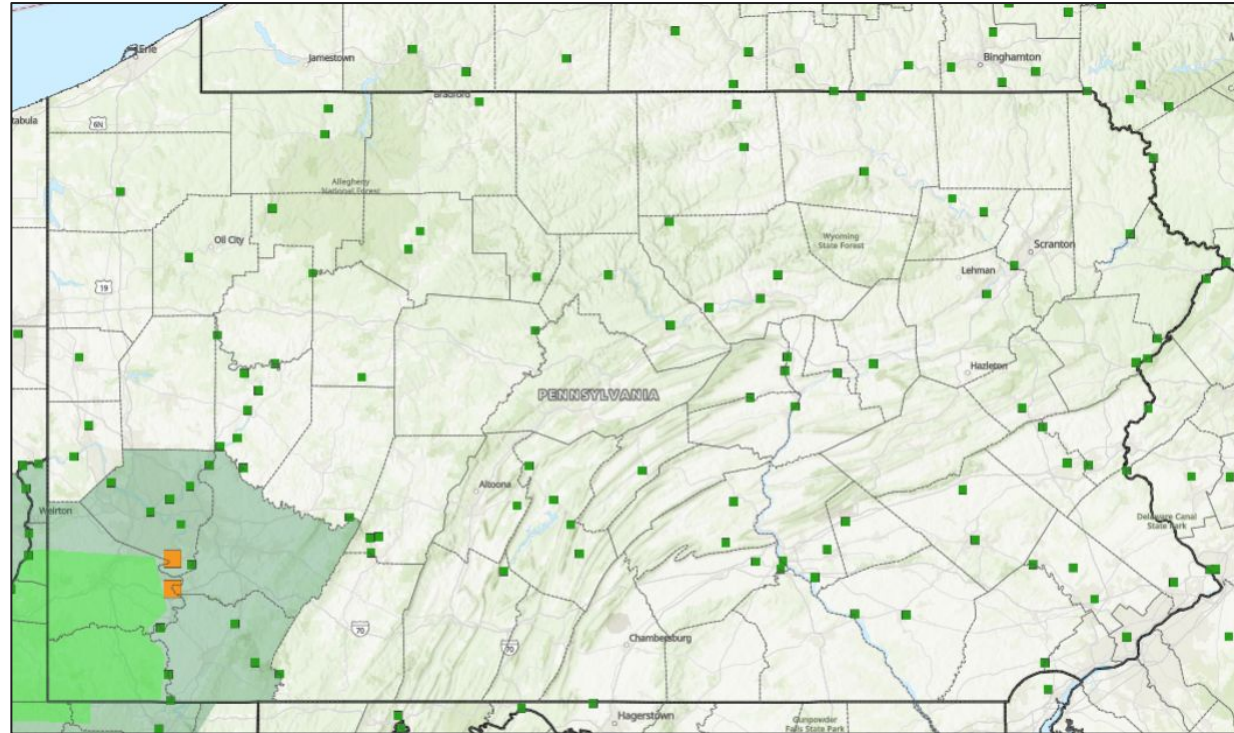






# Long-Range River Outlook (25% Probability)

- These model forecasts take into consideration current, future, and historical trends.
- The points highlighted in **orange** have a 25% or greater chance of exceeding flood levels this Spring.
- Please see the [National Water Prediction Service](#) (NWPS) webpage for additional details on long range flood outlooks at river gauge points







# Flood Outlook Summary

## Current and expected conditions:

- Recent precipitation: 30-day & 60-day below to well below average
- Snow conditions: N/A
- River Ice: N/A
- Streamflow Conditions: Below to well below average
- Soil Moisture Conditions: Below to well below average
- Groundwater: Near to below average
- Reservoir Conditions: Near to below average
- Precipitation Forecast: Above average north and west to near average southeast next 7 days, followed by near average areawide for the 8-14 day period
- The overall flood potential over the next two weeks range from **NEAR AVERAGE** across the Allegheny Plateau to **BELOW AVERAGE** in the Lower Susquehanna Valley.

Next update by: April 18, 2025

