



Winter/Spring Flood Outlook for Central Pennsylvania

Valid **April 18, 2025**

Issued by: WFO State College

Contact Information: ctp.stormreports@noaa.gov

- Next update due by **May 2, 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.

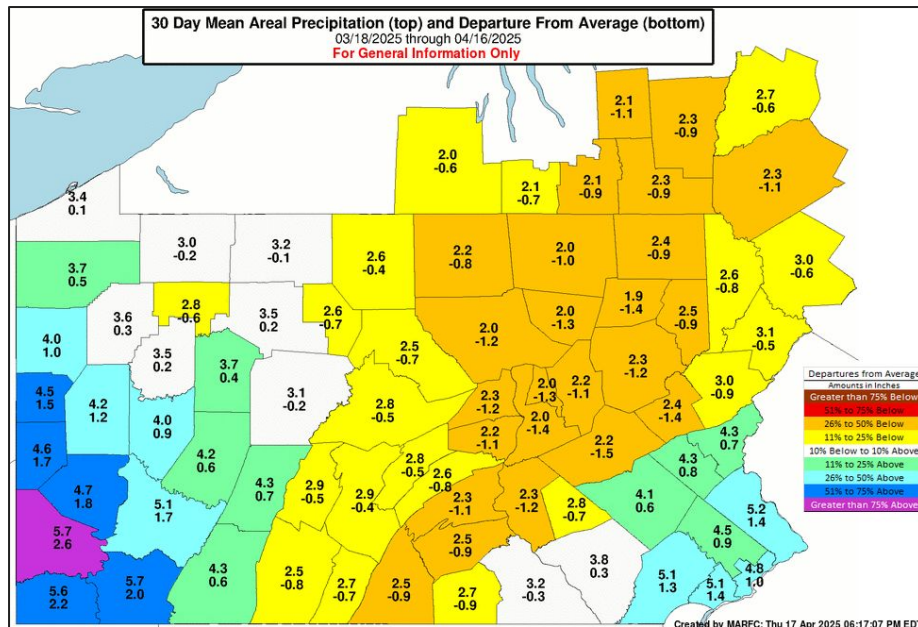
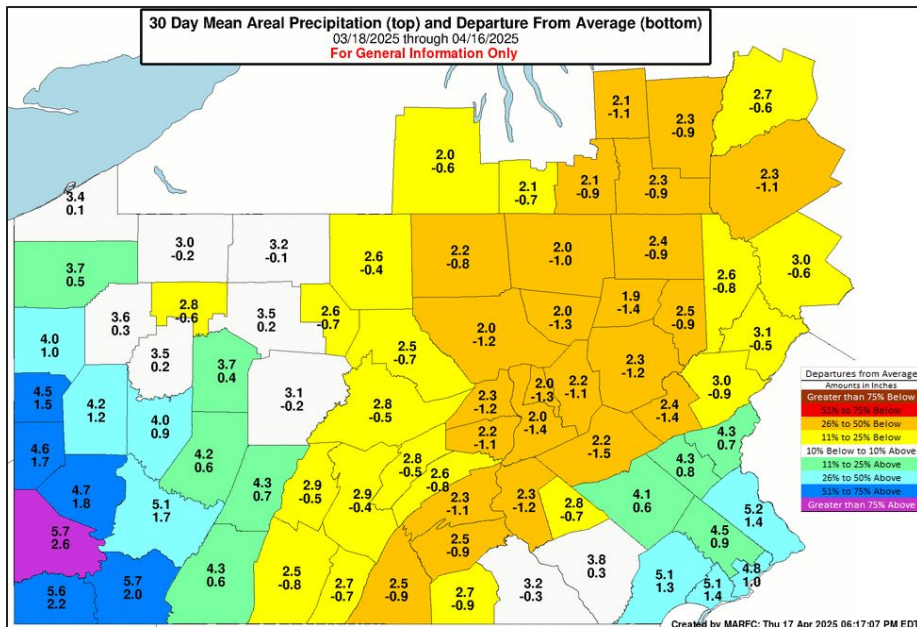
- The overall flood potential over the next two weeks is **BELOW AVERAGE** across Central Pennsylvania.
 - See presentation for additional details





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 average across most of Central Pennsylvania, with the exception of the Laurel Highlands which have been slightly above average.



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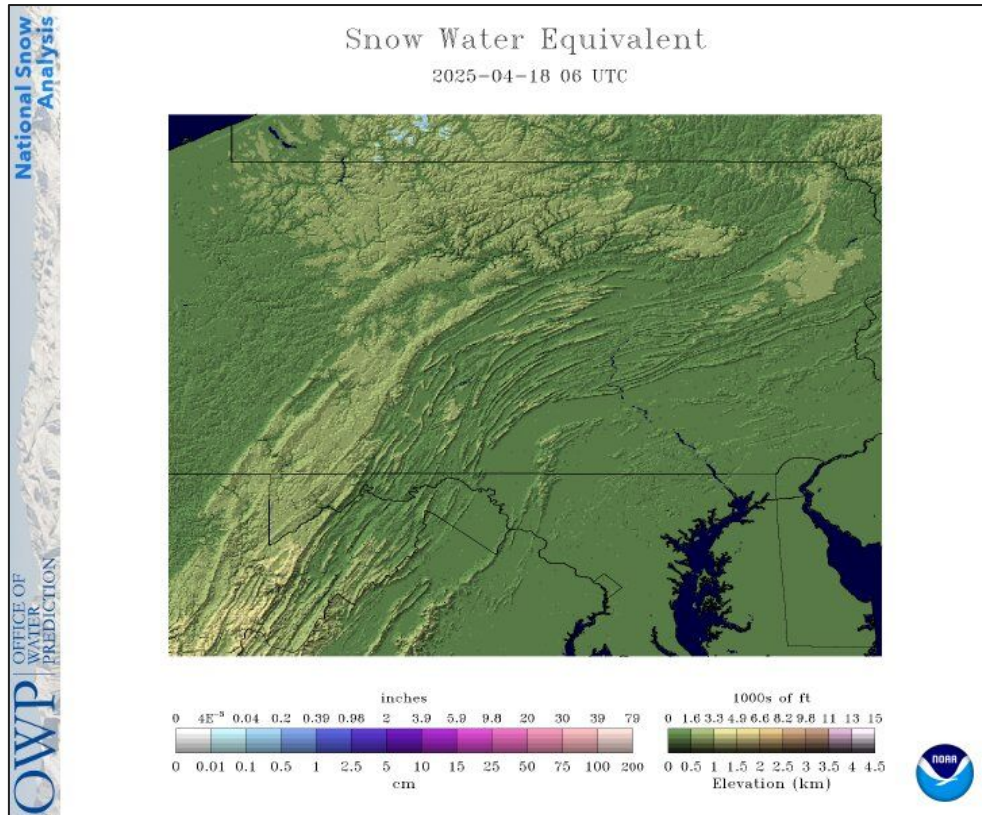
National Weather Service
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Latest Snow Water Equivalent (SWE)

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 18, 2025.



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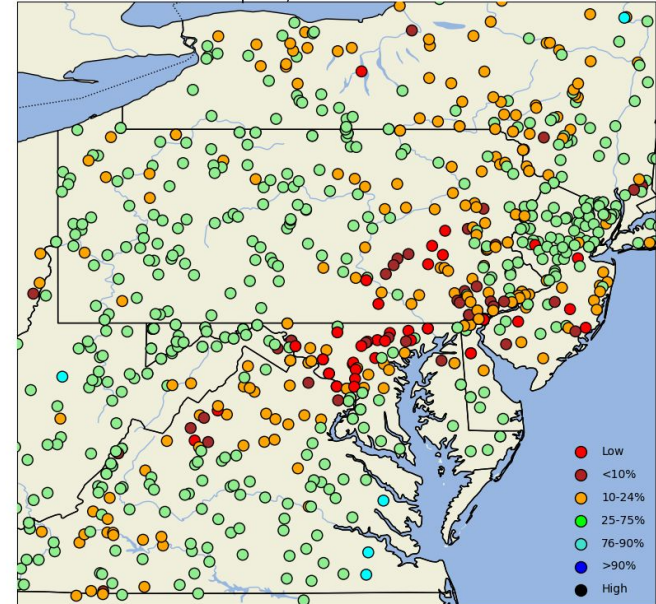
Hydrologic Conditions and Impacts

Link to [latest USGS Streamflows](#)

- Streamflows were generally running near average across much of Central Pennsylvania, with the exception of the Lower Susquehanna Valley which is running below to well below average.

USGS Current Streamflows

Apr 18, 2025 7:34 am



Data Courtesy US Geological Survey
NWS Mid-Atlantic River Forecast Center @NWSMARFC



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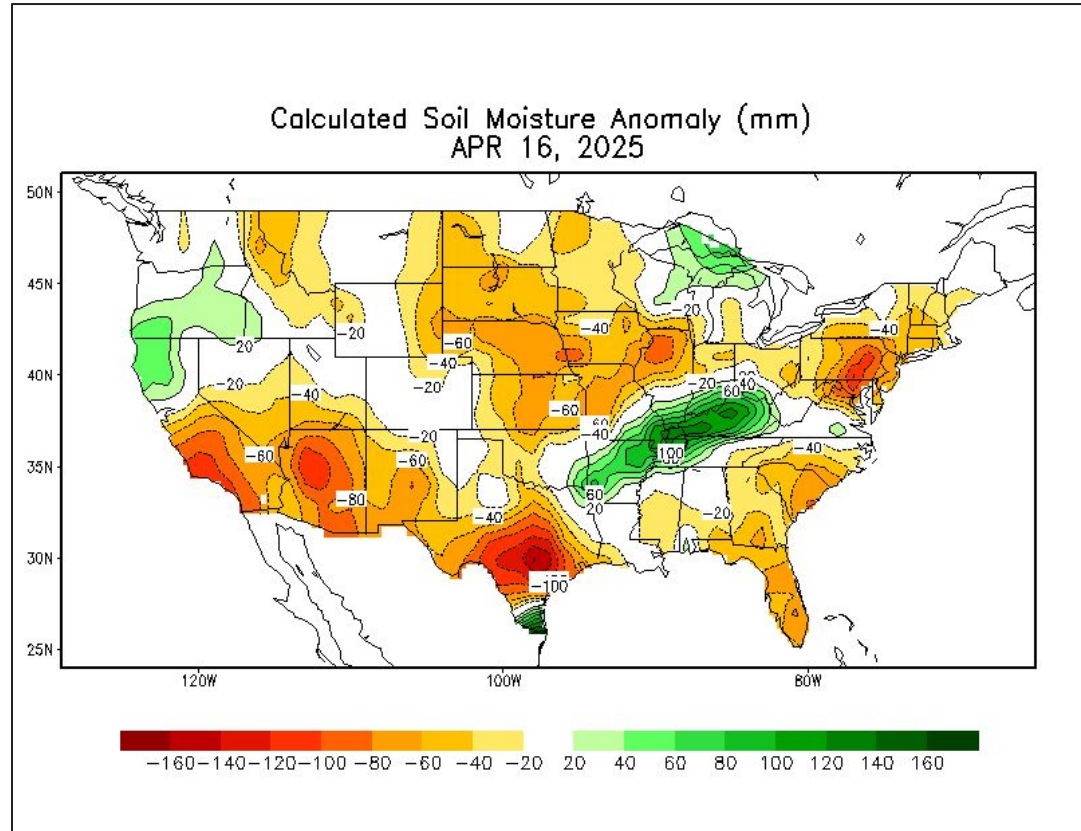
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Soil Moisture Conditions

Link to [Nationwide Soil Moisture Conditions](#)

- As of April 16, 2025, soil moisture conditions were running below to well below average across Central Pennsylvania.

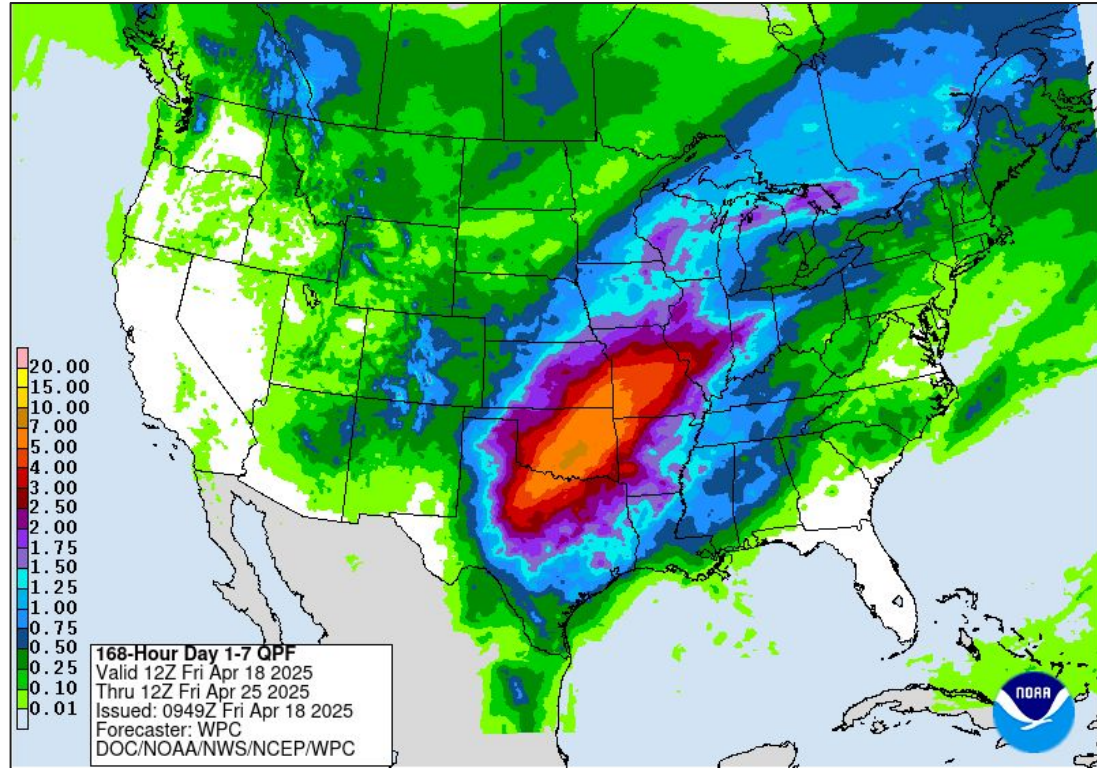




Seven Day Precipitation Forecast

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

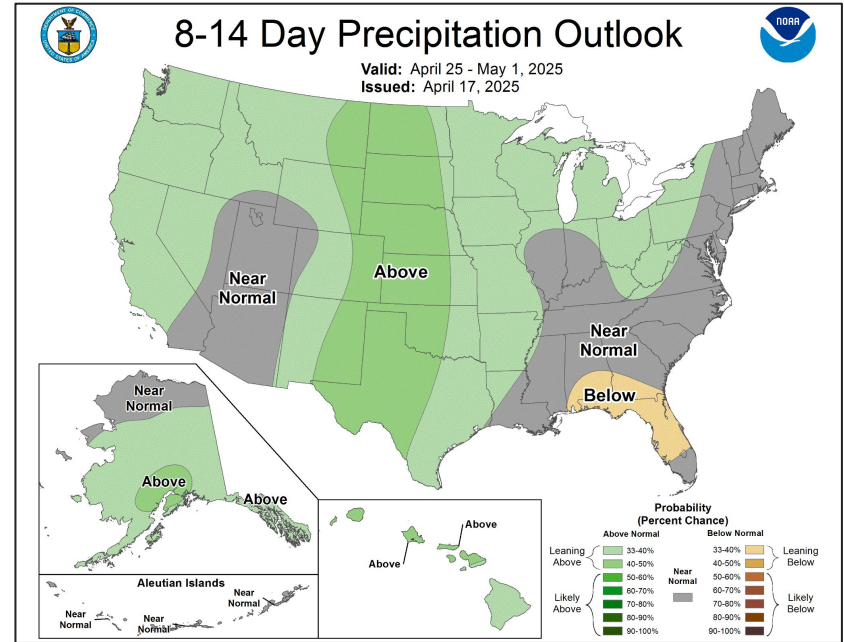
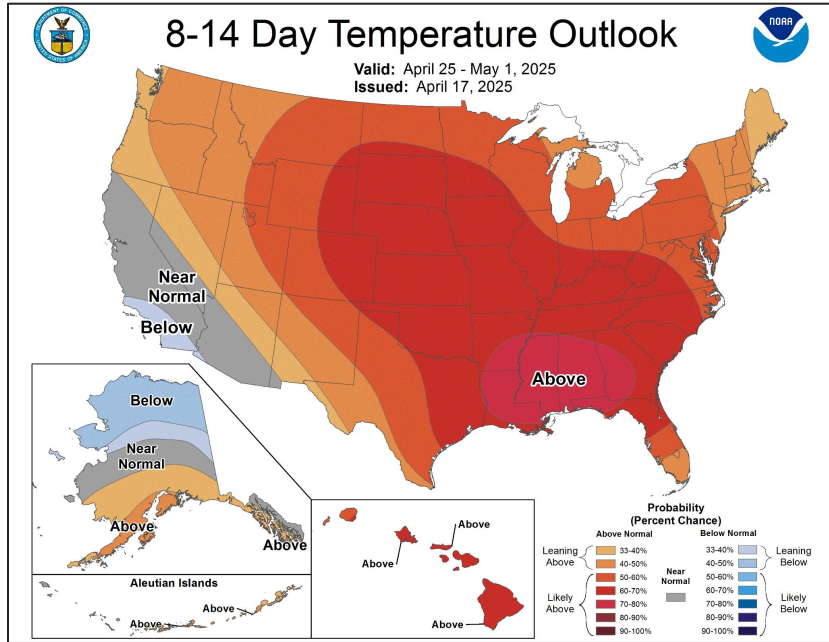
- The 7-Day precipitation forecast ranges from around 0.10 inches across south-central and southeastern Pennsylvania up to 0.50-1.00 inches across northwestern Pennsylvania.





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](https://www.cpc.ncep.noaa.gov)



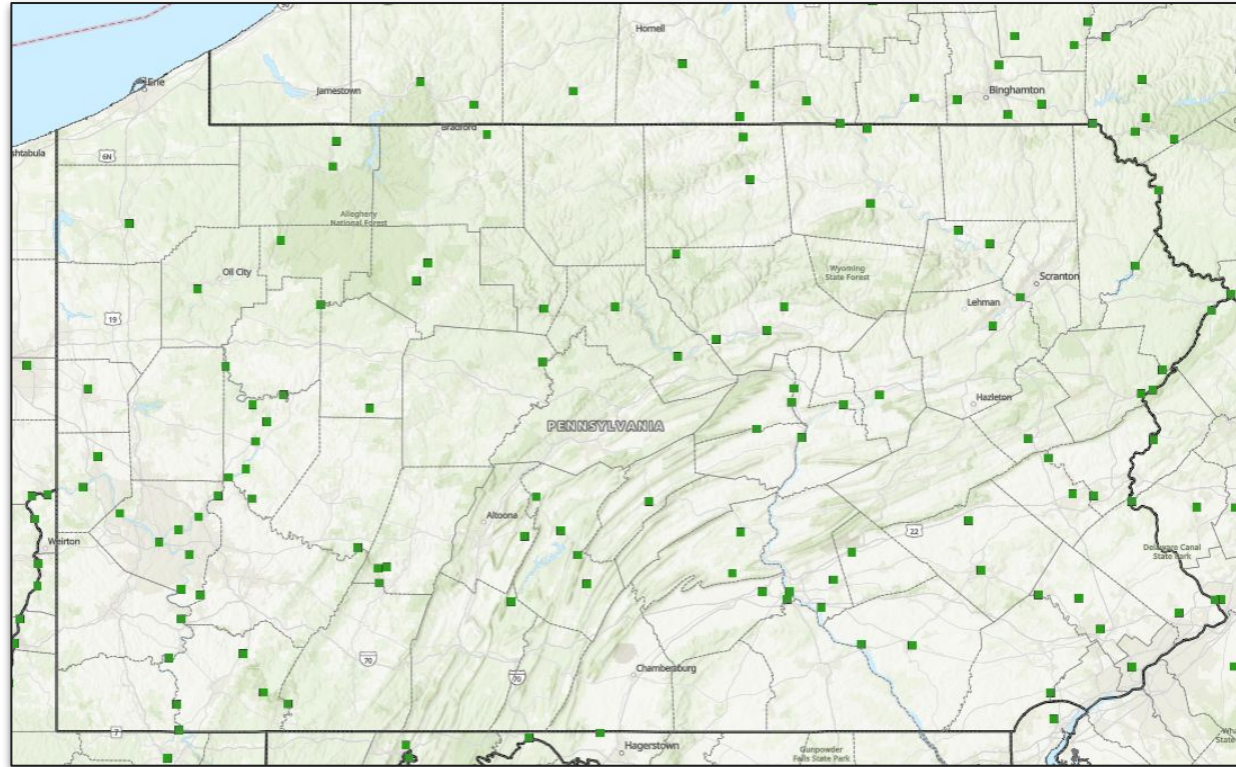
- The 8-14 day forecast for the week of April 25 to May 1, 2025 calls for a trend towards above average temperatures and near to above average precipitation across Central Pennsylvania.





Long-Range River Outlook (25% Probability)

- These model forecasts take into consideration current, future, and historical trends.
- River forecast points across Central Pennsylvania have less than a 25% chance of reaching flood stage 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: Below average for all but Laurel Highlands
 - Snow conditions: N/A
 - River Ice: N/A
 - Streamflow Conditions: Near average outside of Lower Susquehanna Valley, which is below avg
 - Soil Moisture Conditions: Below to well below average
 - Groundwater: Near to below average
 - Reservoir Conditions: Near to below average
 - Precipitation Forecast: Above average west to near average east
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- The overall flood potential over the next two weeks is **BELOW AVERAGE** across Central Pennsylvania.

Next update by: May 2, 2025

