



Winter/Spring Flood Outlook for Central Pennsylvania

Valid **March 21, 2025**

Issued by: WFO State College

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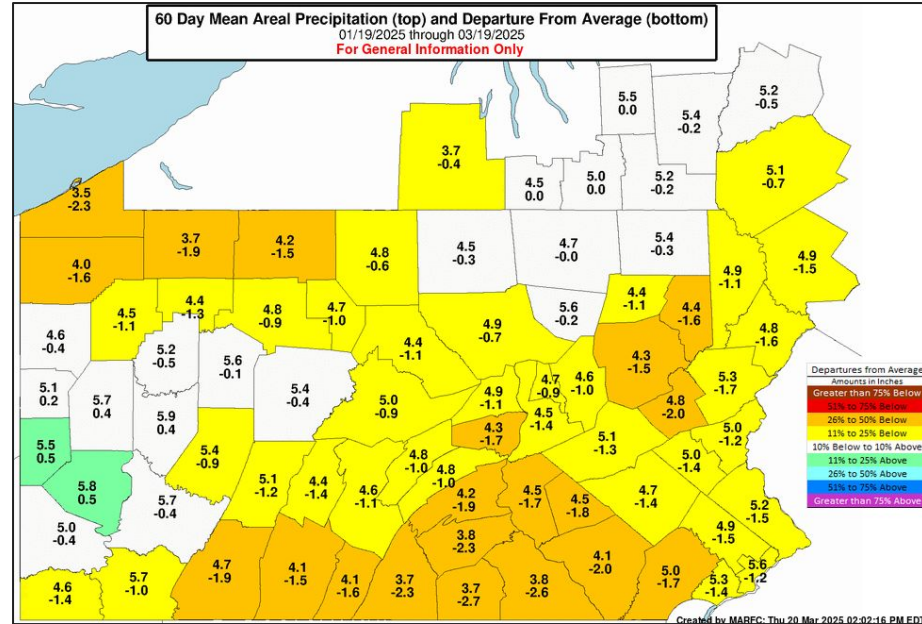
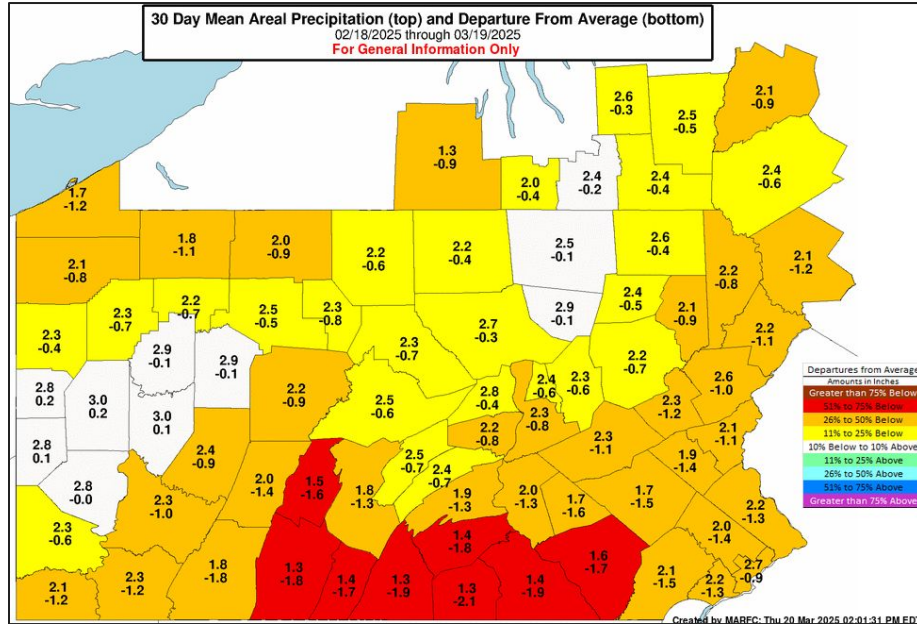
- Next update due by **April 4, 2025**
 - This product will be updated approximately every two weeks through early Spring, and more frequently if conditions change significantly.
 - Please visit <https://www.weather.gov/ctp/moreWater?tabName=Outlooks> for previous statements.
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- The next seven days look to be relatively dry, followed by a trend towards above average precipitation for the end of March into early April.
 - The overall flood potential over the next two weeks is **BELOW AVERAGE**.
 - 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.

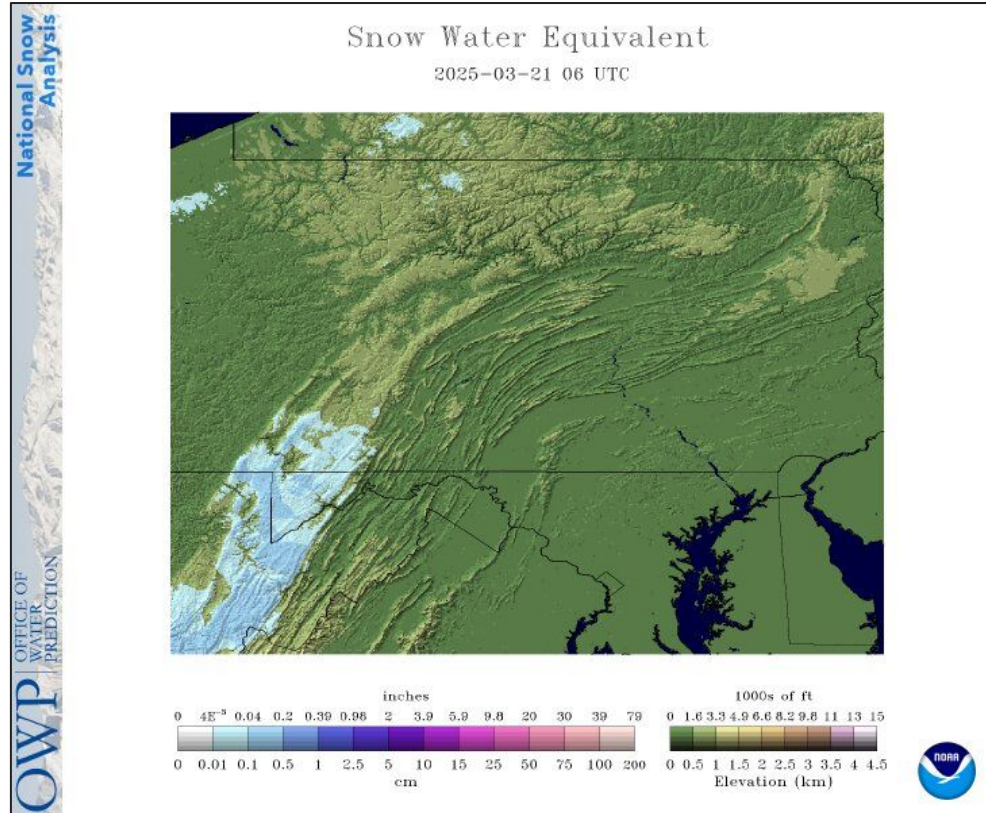




Latest Snow Water Equivalent (SWE)

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

- The latest Snow Water Equivalent (SWE) map shows that, outside of the higher elevations of the Laurel Highlands, most of the lingering snow cover across Pennsylvania had melted as of March 21, 2025.

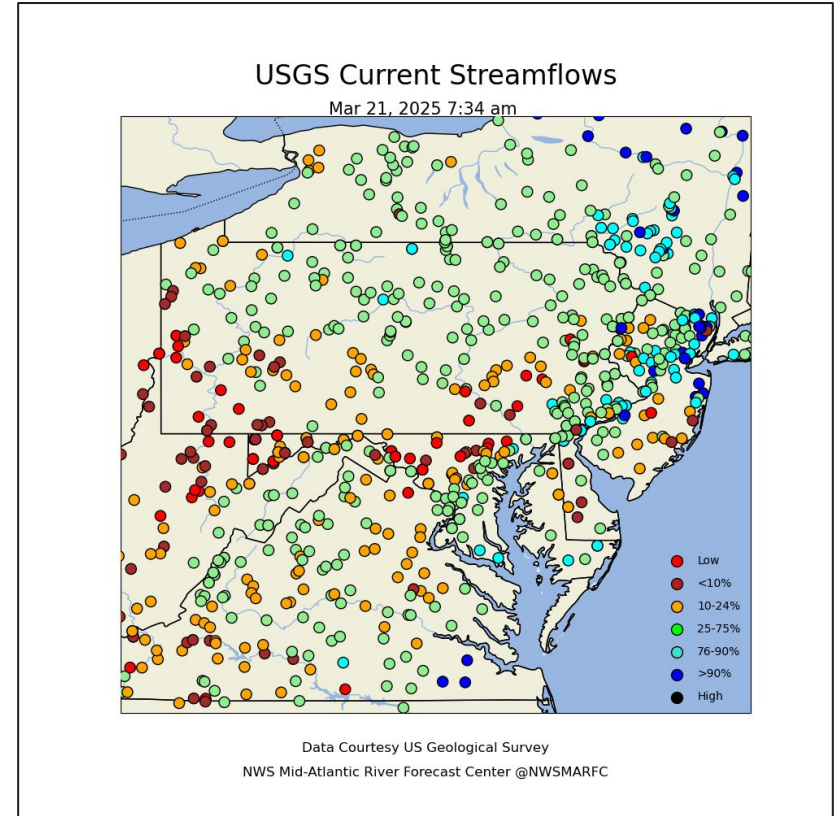




Hydrologic Conditions and Impacts

Link to [latest USGS Streamflows](#)

- Streamflows are generally running near average across northern and eastern Pennsylvania, and below to well below average across south-central and southwestern Pennsylvania.



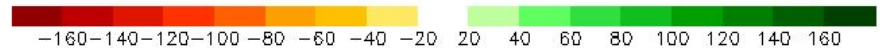
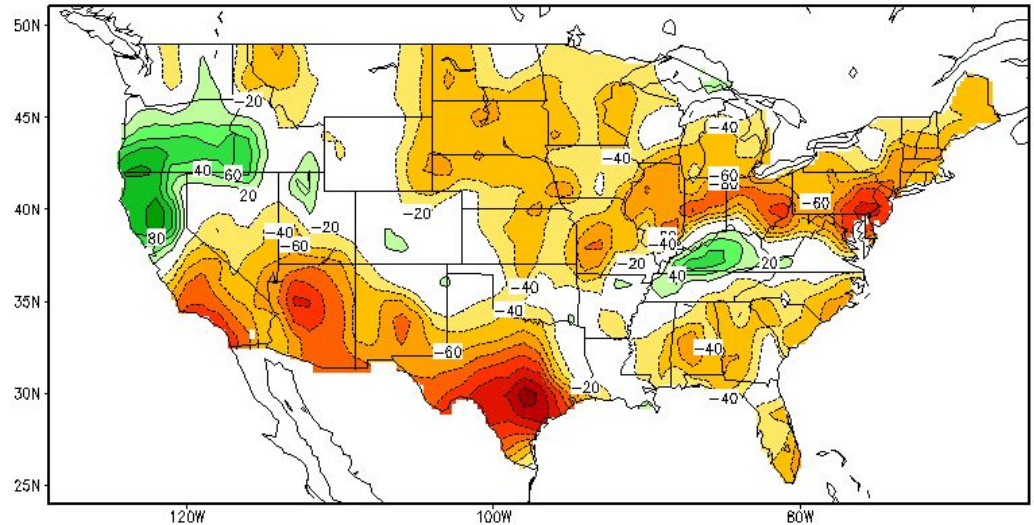


Soil Moisture Conditions

Link to [Nationwide Soil Moisture Conditions](#)

- As of March 19, 2025, soil moisture conditions were below average across northern and western Pennsylvania and well below average across southeastern Pennsylvania.

Calculated Soil Moisture Anomaly (mm)
MAR 19, 2025

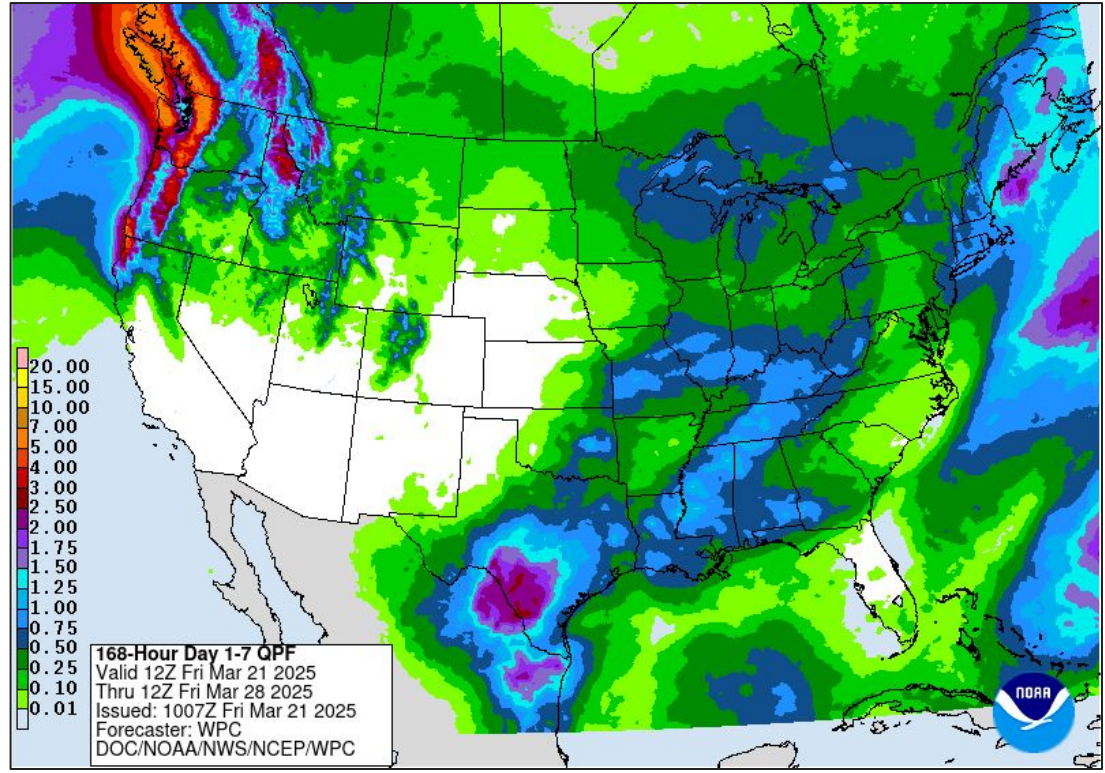




Seven Day Precipitation Forecast

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

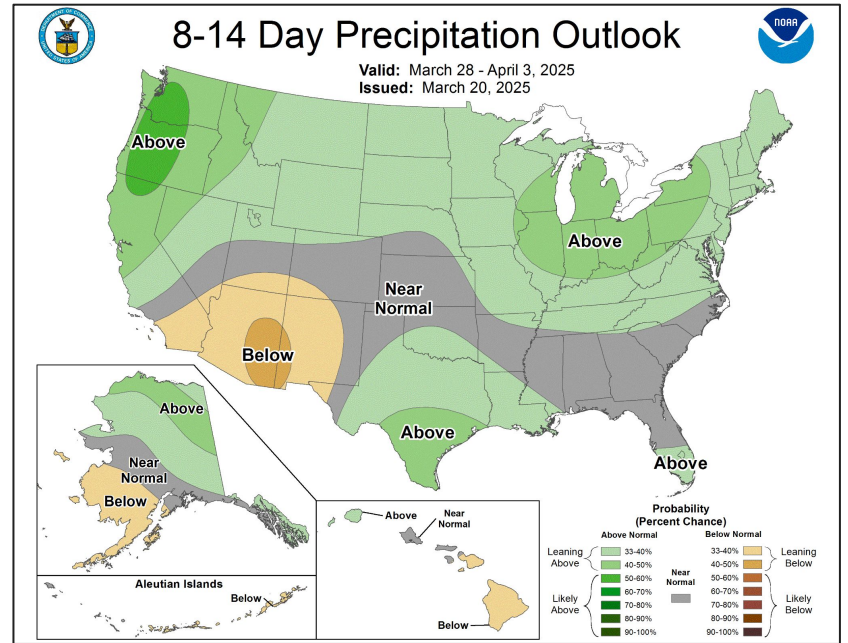
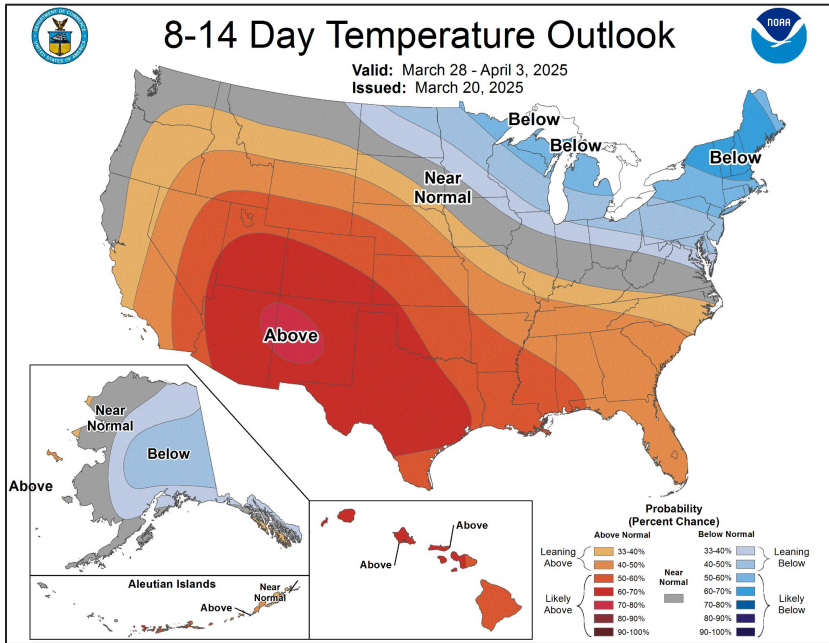
- The 7-Day precipitation forecast ranges from 0.10-0.25” across much of central Pennsylvania to 0.25-0.75” elsewhere across the commonwealth.





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](#)



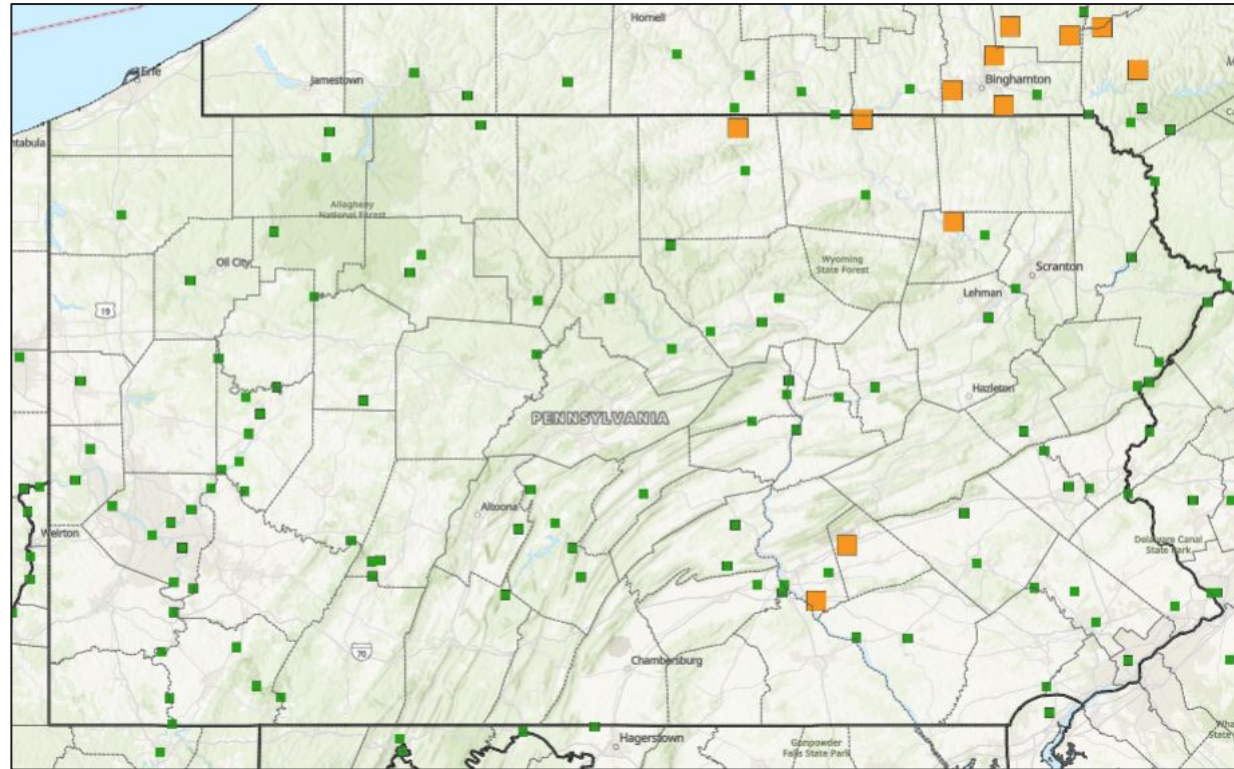
- The 8-14 day forecast for the week of March 28-April 3, 2025 calls for a trend towards cooler than average temperatures and above average precipitation across Pennsylvania.





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% chance of exceeding flood levels this Spring.
- This forecast accounts for natural flow only, and does not consider potential ice jams.





Flood Outlook Summary

Current and expected conditions:

- Recent precipitation: 30-day & 60-day below to well below average
 - Snow conditions: Near average
 - River Ice: N/A
 - Streamflow Conditions: Near average north to below average south
 - Soil Moisture Conditions: Below to well below average
 - Groundwater: Near to below average
 - Reservoir Conditions: Near to below average
 - Precipitation Forecast: Below average next 7 days, followed by above average for 8-14 day
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- The overall flood potential over the next two weeks is **BELOW AVERAGE**.

Next update by: April 4, 2025

