



# Winter/Spring Flood Outlook for Central Pennsylvania

Valid **February 20, 2025**

Issued by: WFO State College

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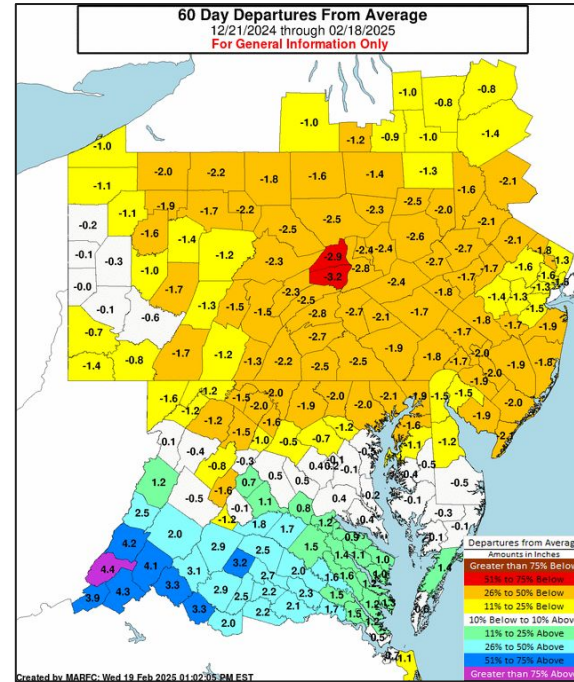
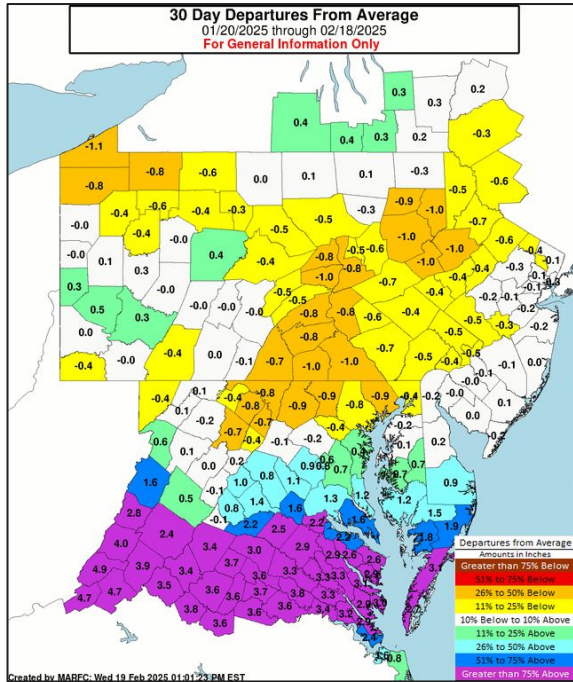
- Next update due by **March 7, 2025**
- This product will be updated approximately every two weeks through early Spring, and more frequently if conditions change significantly.
- Please visit <https://www.weather.gov/ctp/moreWater?tabName=Outlooks> for previous statements.
- Most of Central Pennsylvania has been drier than average over the past couple of weeks.
- The next seven days look to be relatively dry, followed by a trend towards above average precipitation in the 8-14 day forecast.
- The overall flood potential over the next two weeks is **NEAR AVERAGE**.
  - See presentation for additional details





# 30-Day and 60-Day Precipitation Departures

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



- 30-Day Precipitation Departures have generally been below average across Central Pennsylvania, and 60-Day Precipitation Departures have been below to well below average.

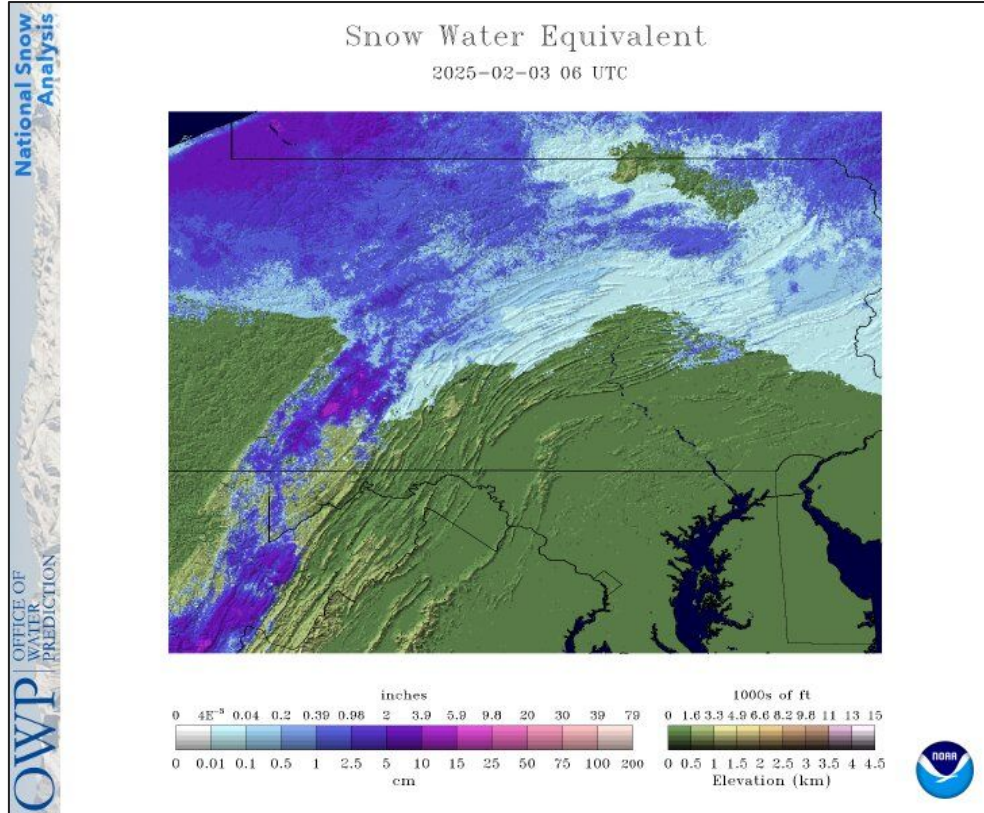




# Latest Snow Water Equivalent (SWE)

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

- The latest Snow Water Equivalent (SWE) across is 1-3 inches across much of the Allegheny Plateau, with localized 3+ inches found across parts of the Laurel Highlands.
- Little if any snow cover was observed across the south-central mountains and the Lower Susquehanna Valley.

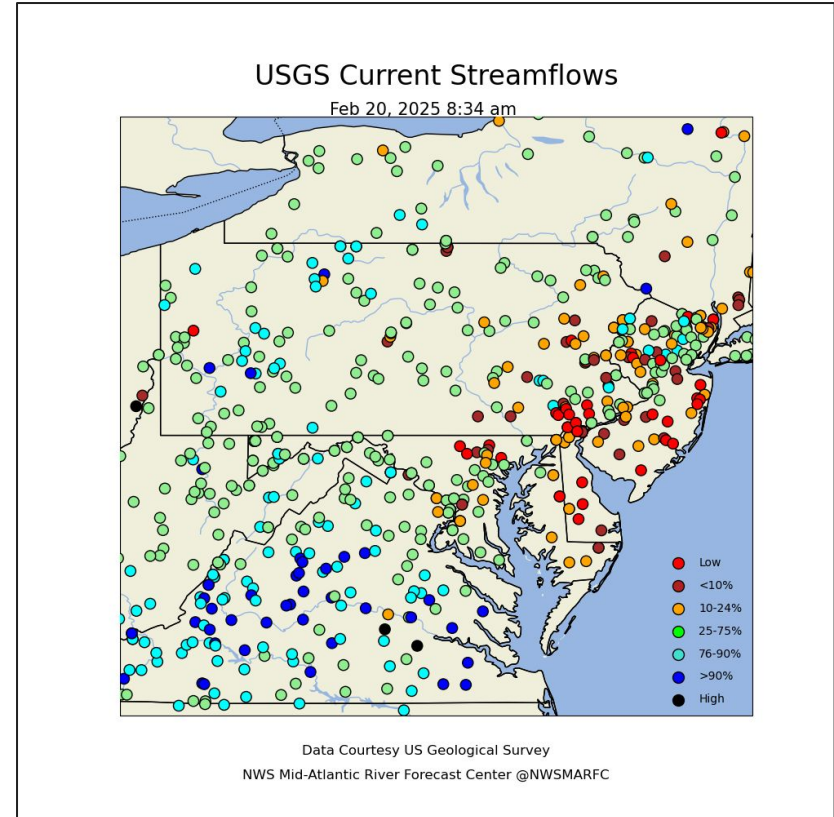




# Hydrologic Conditions and Impacts

Link to [latest USGS Streamflows](#)

- Streamflows are generally running near to above average across western Pennsylvania, near average across central and northeastern Pennsylvania, and below to well below average across southeastern Pennsylvania.



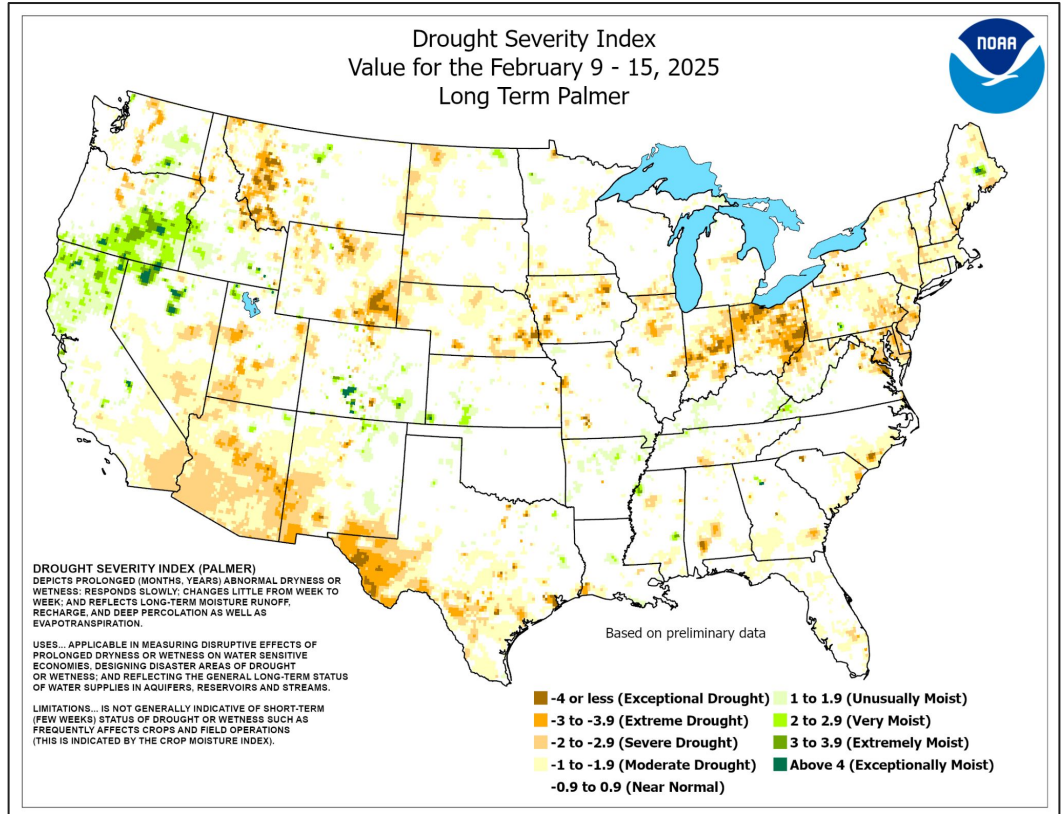




# Drought Severity Index - Long Term Palmer

Link to the [latest Drought Severity Index - Long Term Palmer](#)

- The long term Palmer Drought Severity Index is near normal across much of Pennsylvania, but trending drier across the Lower Susquehanna Valley and southeastern Pennsylvania.

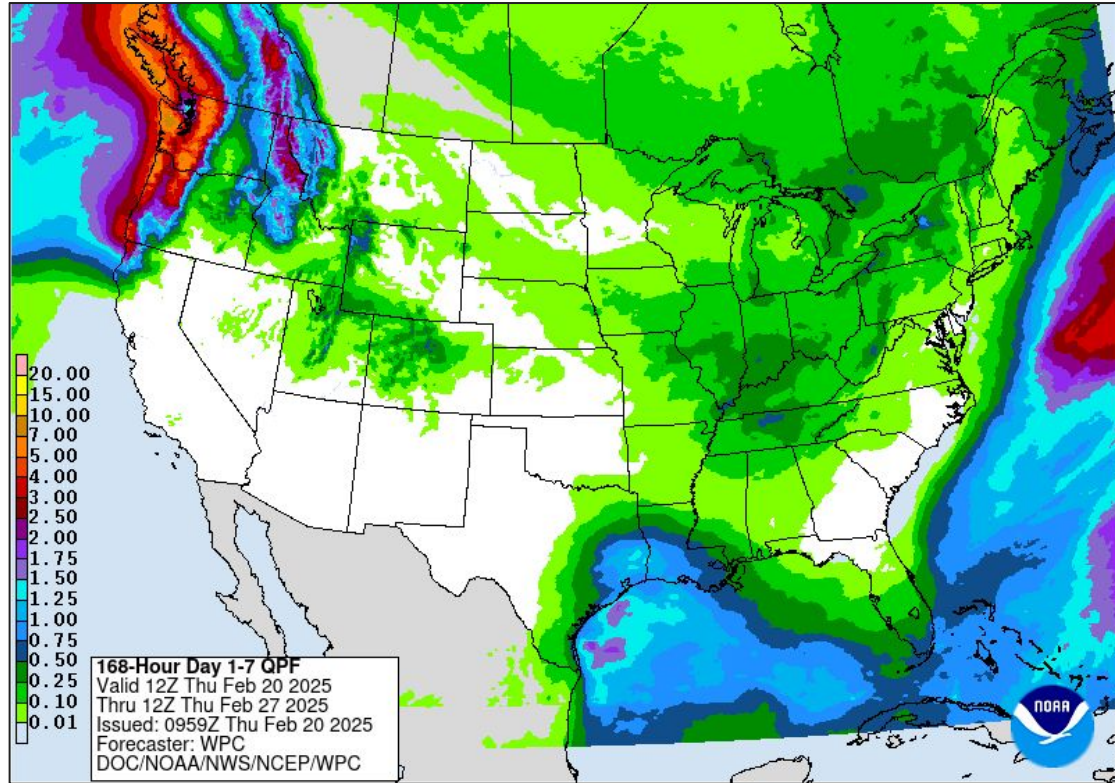




# Seven Day Precipitation Forecast

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

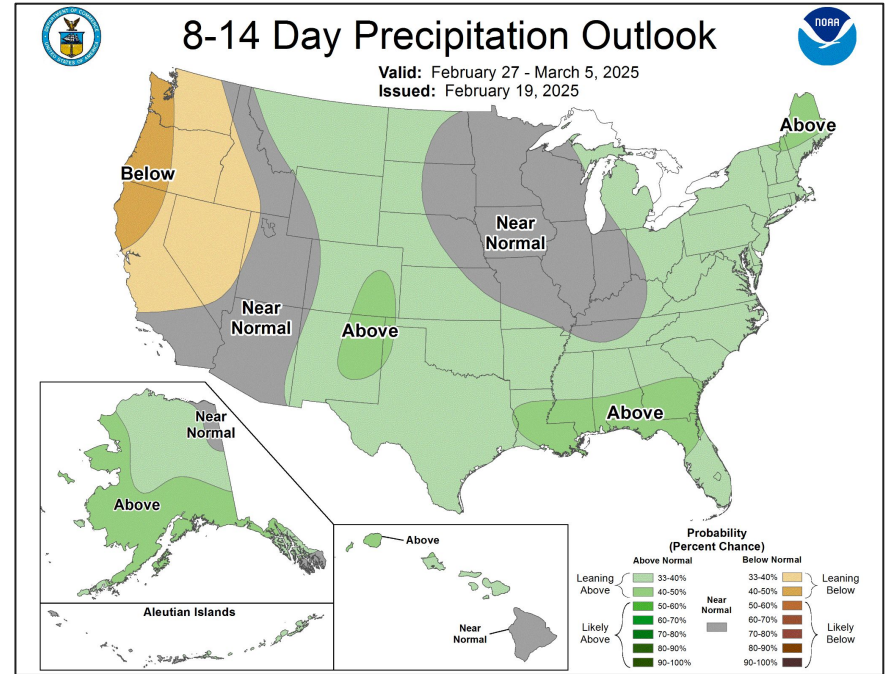
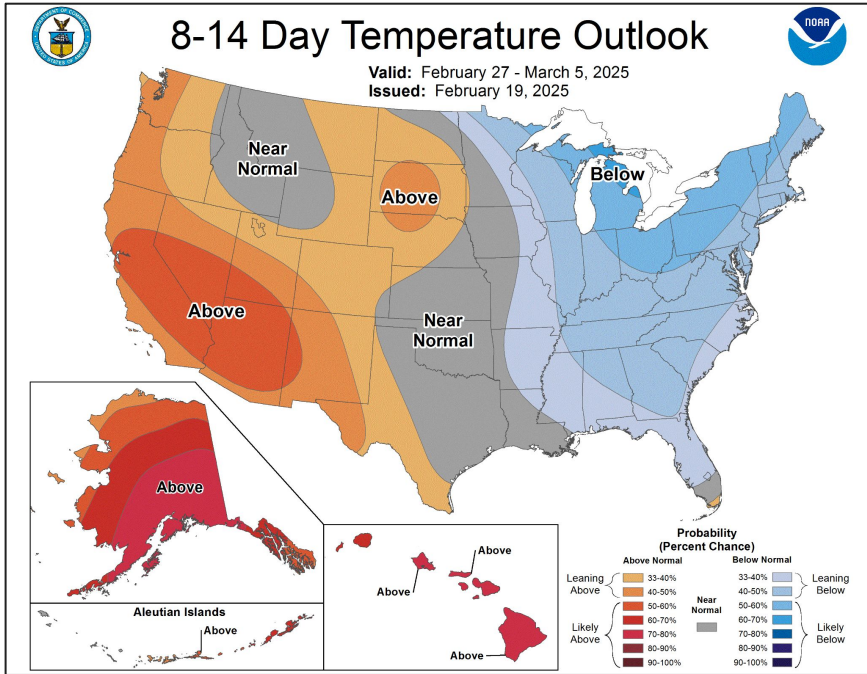
- The 7-Day precipitation forecast ranges 0.10 inches or less across south-central and southeastern Pennsylvania to 0.25-0.50 inches across northwestern Pennsylvania and the higher elevations of the Allegheny Plateau.





# 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 calls for a trend towards colder than average temperatures and above average precipitation across Pennsylvania.

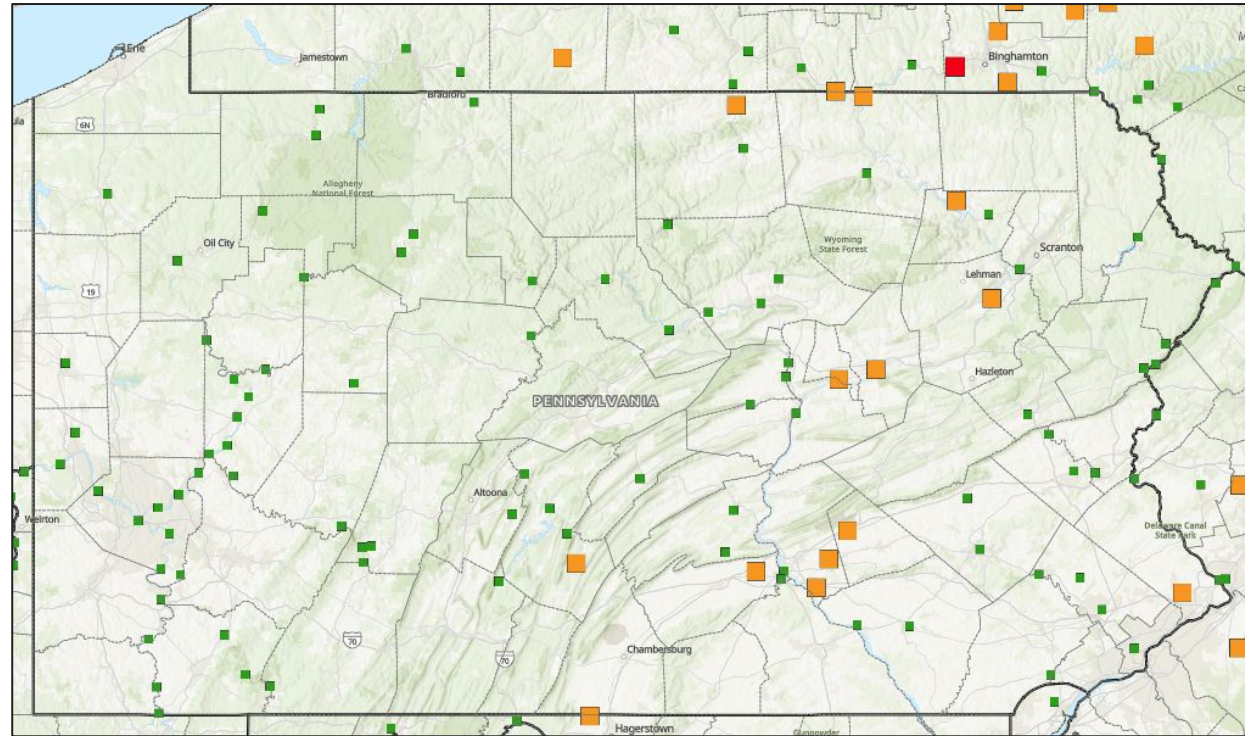






# Long-Range River Outlook (25% Probability)

- These model forecasts take into consideration current, future, and historical trends.
- The points highlighted in **orange** and **red** 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: Below to well below average
  - Snow conditions: Near average
  - River Ice: Near to above average
  - Streamflow Conditions: Near to below average
  - Soil Moisture Conditions: Near to below average
  - Groundwater: Near to below average
  - Reservoir Conditions: Near to below average
  - Precipitation Forecast: Near precipitation is favored over the next two weeks
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- The overall flood potential over the next two weeks is **NEAR AVERAGE**.

Next update by: March 7, 2025

