



Debby to Bring Heavy Rain/Flooding

Most notable impacts expected Friday

Issued: 5:42 AM Wednesday, August 7, 2024

What has changed:

- Upgraded to a Moderate Risk (level 3 out of 4) for Excessive Rainfall on Friday.
- Additional details about expected rainfall amounts and areas of greatest concern.

Next Briefing:



By 6PM Wednesday August 7, 2024

Disclaimer: The information contained within is time-sensitive. Do not use after 6PM Wednesday 8/7.





Situation Overview/Summary of Greatest Impacts

Hazard	Impacts	Location	Timing
 Flash Flooding	Tropical moisture from Debby will likely bring additional heavy rainfall (1-4) inches with locally higher amounts possible.	Greatest risk (Level 3 of 4) east of the I-99 corridor, with flooding possible across the entire forecast area.	Friday into Friday Night
 River Flooding	Heavy rainfall could result in several foot rises on smaller streams and creeks and associated inundation flooding.	Susquehanna Basin tributaries most likely to be affected, but exact impacts depend on track of Debby.	Smaller streams/creeks crest Friday into Friday Night, larger rivers crest this weekend.

Hazard: Excessive Rain/Flash Flooding Friday-Friday Night

None Limited Elevated **Significant** Extreme



Hazard: River Flooding Friday-Friday Night

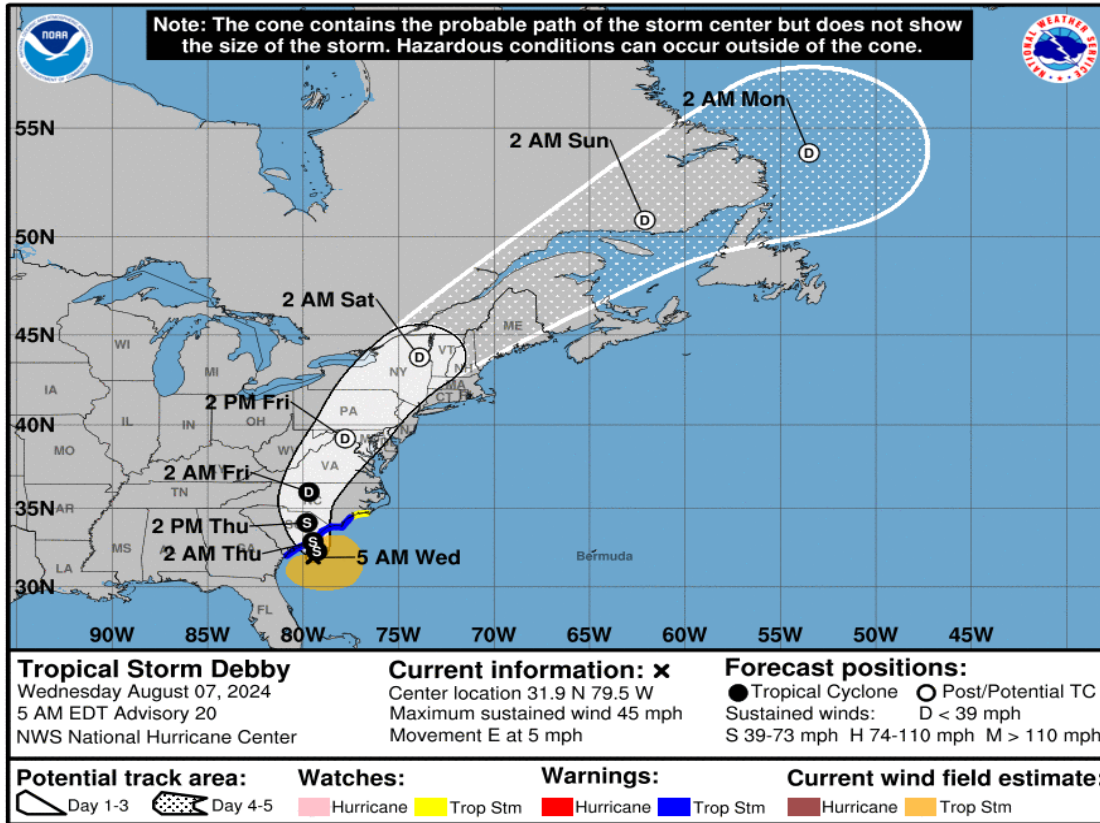
None Limited Elevated Significant Extreme





Situation Overview

Tropical Storm Debby



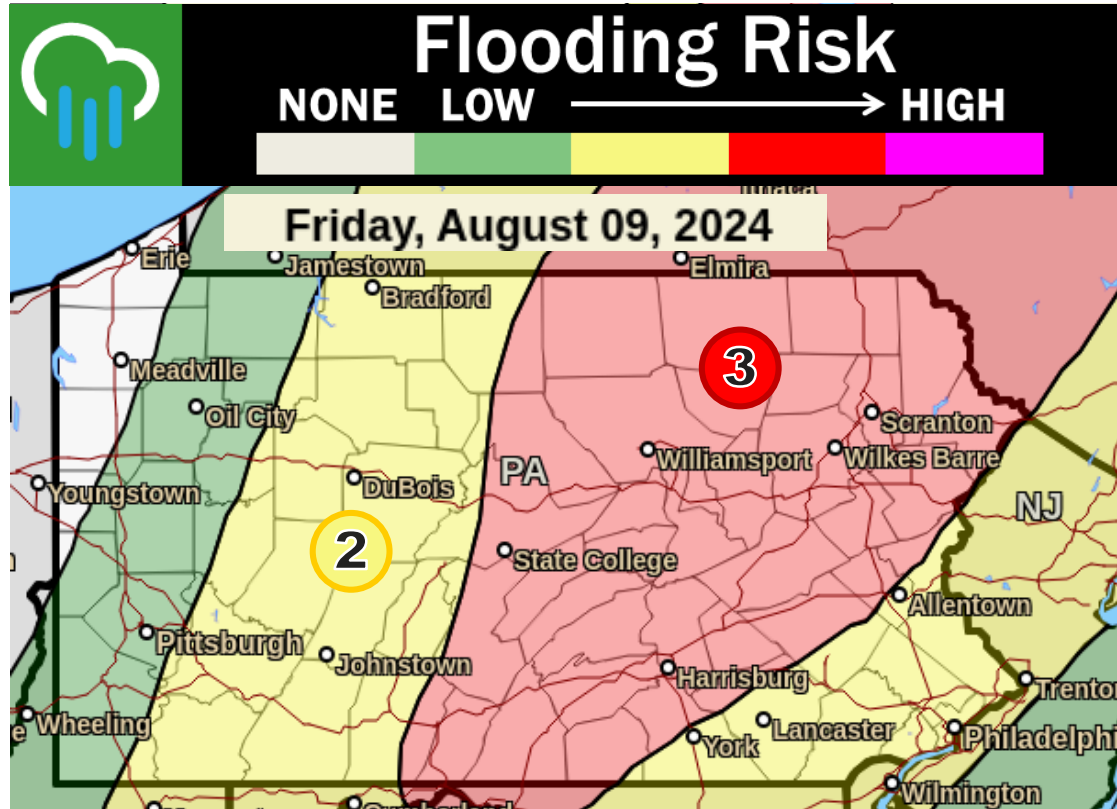
- Debby will move north through the Carolinas on Thursday and accelerate into the mid Atlantic region on Friday.
- Debby should move faster toward the north Saturday into Atlantic Canada by evening.





Day 3 Excessive Rainfall Outlook

Valid Friday August 9, 2024

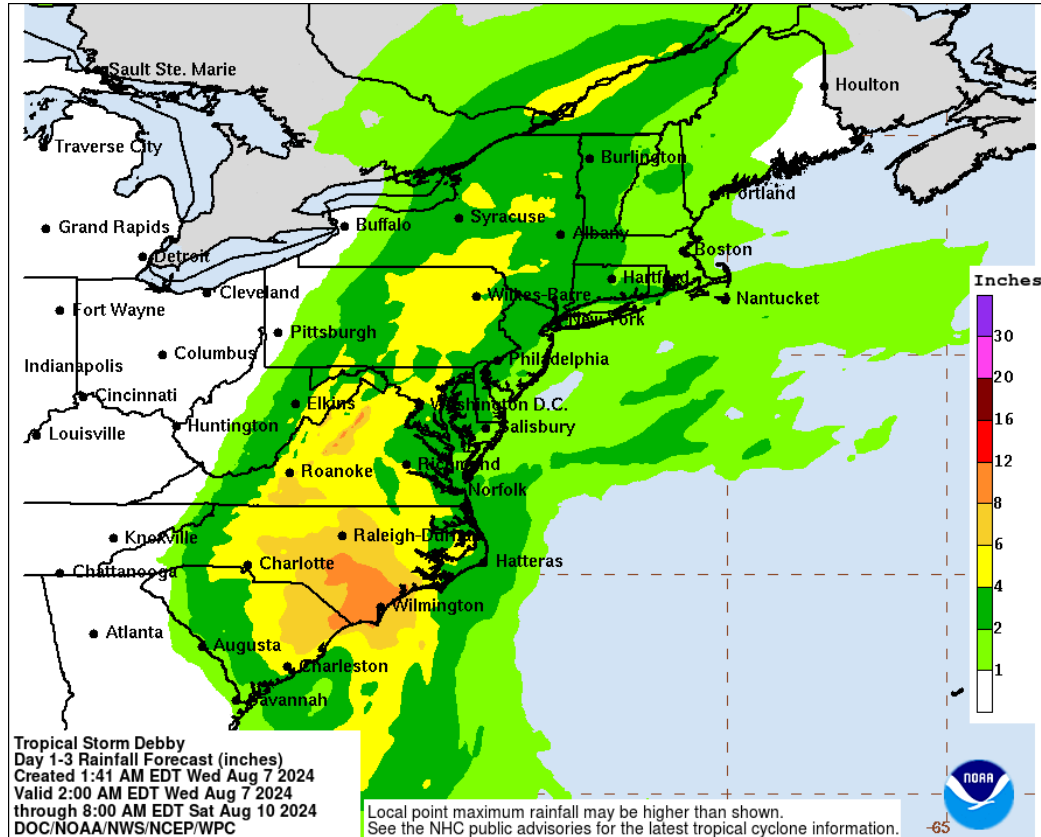


- Tropical moisture associated with Debby will interact with a frontal zone and bring the potential for heavy rainfall in central PA Friday through Friday night.
- A Moderate Risk (level 3 out of 4) has been issued for much of Central PA.



Expected Storm Total Rainfall

Cumulative/Total Rainfall from Debby



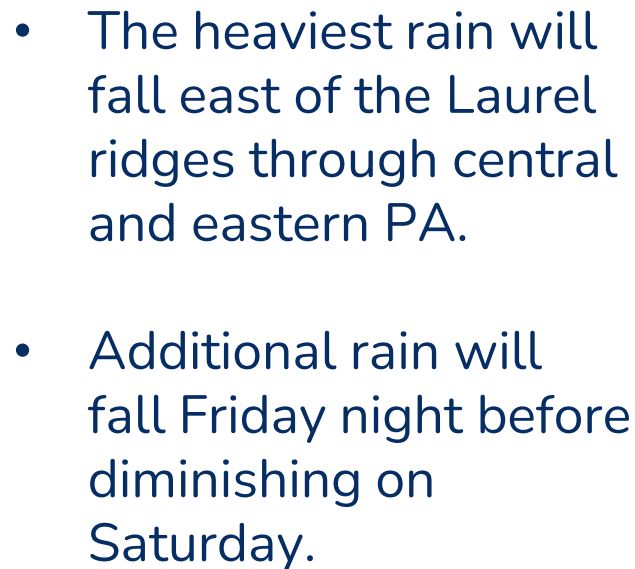
- Several more inches of rain are possible Thursday night Friday night as the remnants of Debby pass through Central PA.
- The highest amounts (3 to 6 inches with local amounts to 8 inches) are focused over east-central PA.
- Flash, urban, and river flooding are possible in the areas that receive heavy rainfall.





5:42 AM

Through Friday Night

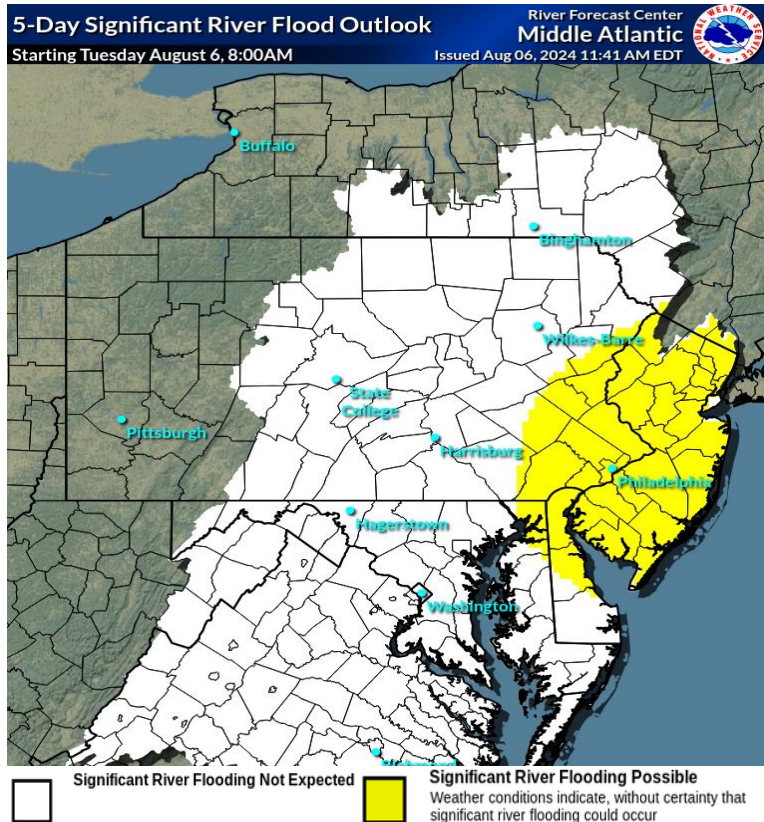




River Flood Outlook Map

8/7/2024
5:42 AM

www.weather.gov/marfc/Flood_Outlook



- Isolated occurrences of significant rainfall (3" or more) could result in rapid rises on smaller streams and creeks.
- The highest chance for flooding along small streams and creeks is in southeast Pennsylvania.



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

National Weather Service
State College, PA



Stay tuned for updates!

www.weather.gov/ctp/briefing

Next Update:
By 6PM Wednesday 8/7
Method: Email

Contact Us!



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