



Debby to Bring Heavy Rain/Flooding

Heaviest Rainfall Expected Friday

Issued: 5:47 AM Thursday, August 8, 2024

What has changed:

- Expansion of Flood Watch across parts of northeast PA

Next Briefing:

By 6PM Thursday August 8, 2024

We will also host a partner webinar with additional info at 12 PM Today (Thursday)
<https://meet.google.com/xrj-vuka-mjc>



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





Situation Overview/Summary of Greatest Impacts

Heavy Rain from the remnants of Tropical Storm Debby

Hazard	Impacts	Location	Timing
 Flash Flooding	Tropical moisture from Debby will bring heavy rainfall. Generally 2-4 inches expected with locally higher amounts up to 6 inches possible.	Moderate risk of flash flooding (level 3 of 4) east of the I-99 corridor, with a slight risk (level 2 of 4) over west-central PA.	Friday into Friday Night
 River Flooding	Heavy rainfall could result in several foot rises on smaller streams and creeks, with the potential for inundation flooding.	Susquehanna Basin tributaries most likely to be affected, but exact impacts depend on track of Debby's rainfall.	Smaller streams/creeks crest Friday into Friday Night, larger rivers crest this weekend.

There is also a marginal risk (level 1/5) for severe weather in the Lower Susquehanna Valley Friday during the daytime and early evening hours. Localized damaging wind gusts are possible in the strongest thunderstorms.

**Hazard: Excessive Rain/Flash Flooding
Friday-Friday Night**



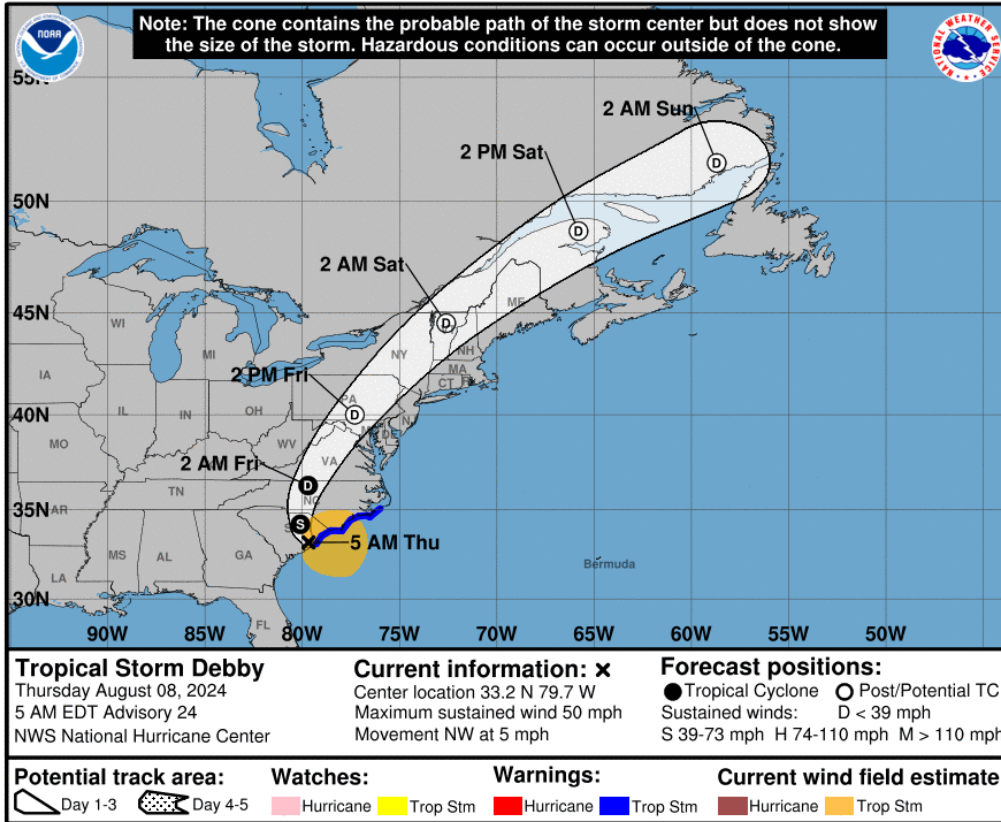
**Hazard: River Flooding
Friday-Saturday**





Situation Overview

Tropical Storm Debby



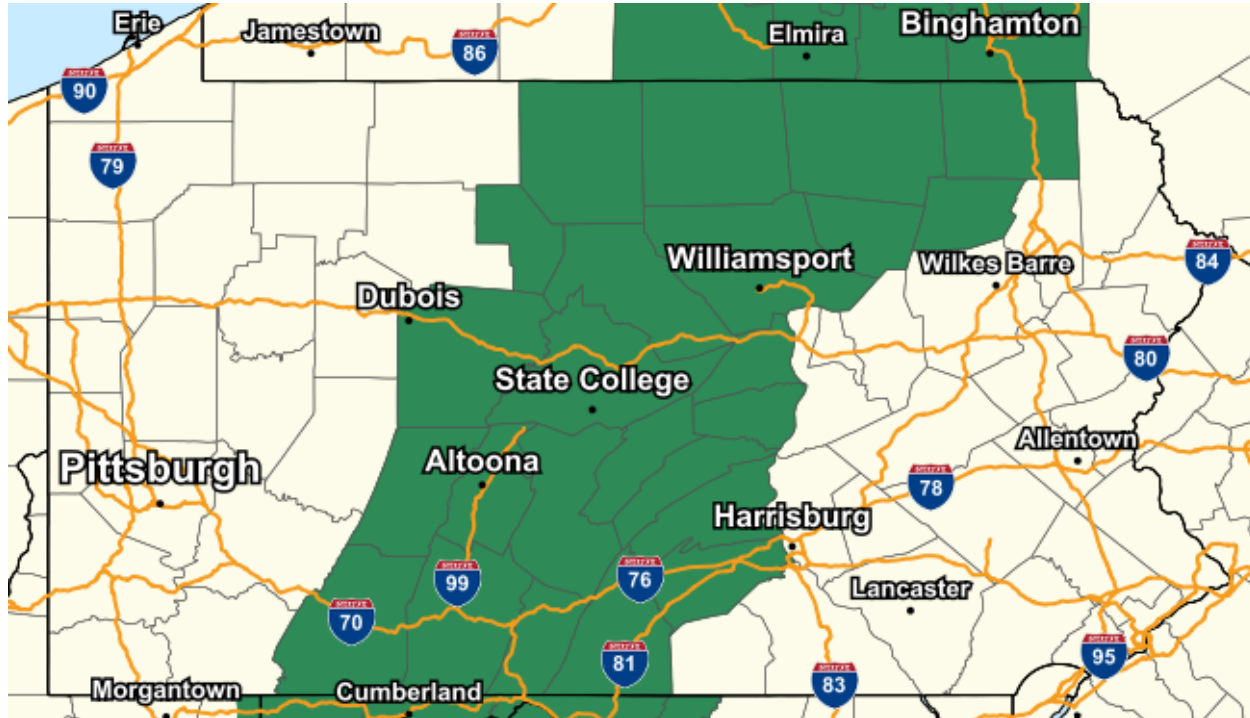
- Debby will move north through the Carolinas today and accelerate into the Mid Atlantic region on Friday.
- Small shifts in the track can result in meaningful differences in the location of any weather hazards, especially which river basins are at risk of flooding.





Flood Watches, Warnings, and Advisories

Flood Watch Valid Tonight – Friday Night



■ Flash Flood Warning
■ Flood Watch

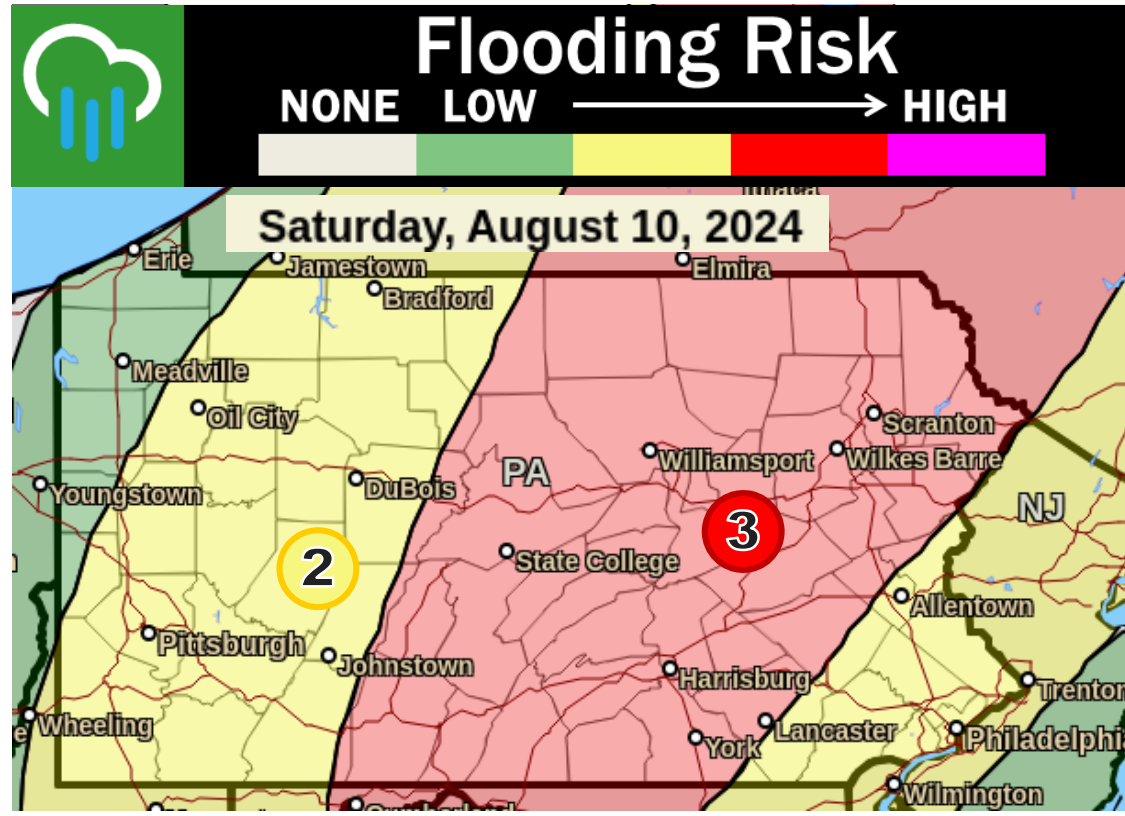
■ Flood Warning
■ Flood Advisory

- A Flood Watch is in effect from late tonight into Friday Night for the Central PA counties shaded in green.
- While the flood watch highlights the area with the greatest flood threat, localized flooding is also possible outside of the flood watch.



Friday 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.
- There is a moderate risk of flash flooding (level 3 of 4) east of the I-99 corridor, with a slight risk (level 2 of 4) over west-central PA.

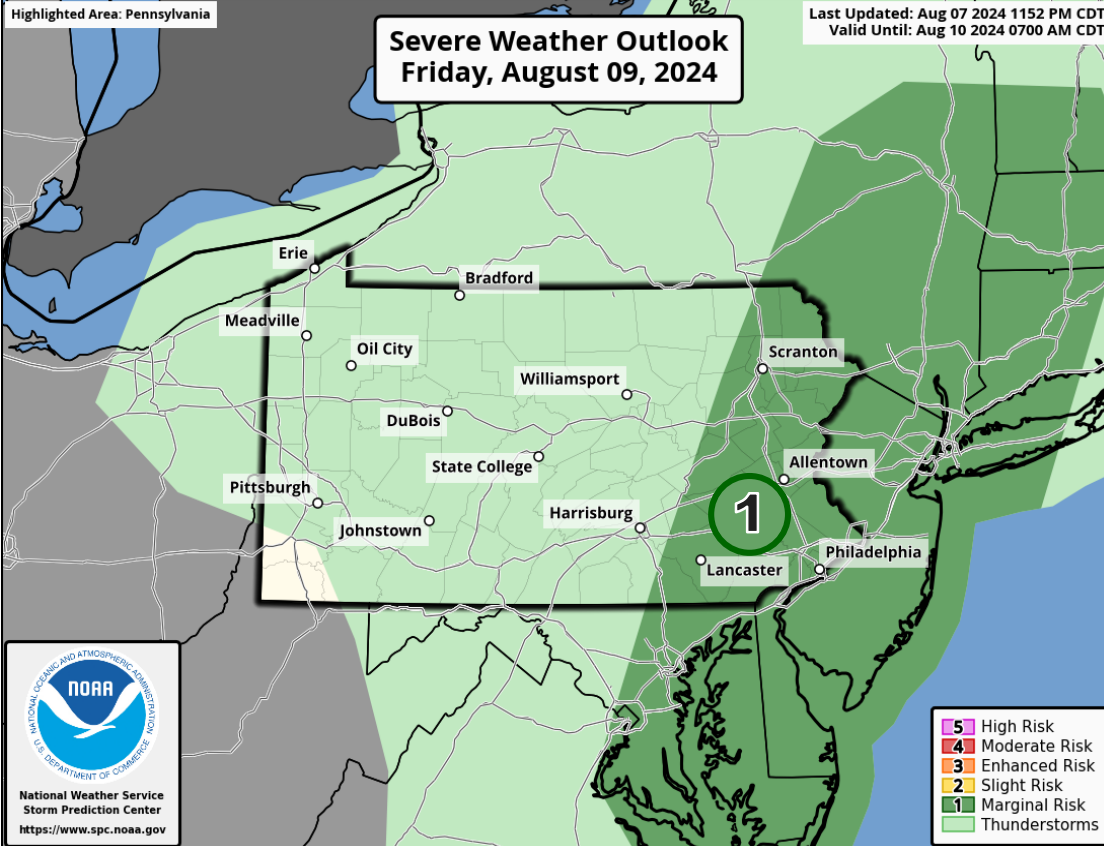


Severe Thunderstorm Risk

8/8/2024

5:47 AM

Valid Friday, August 9, 2024

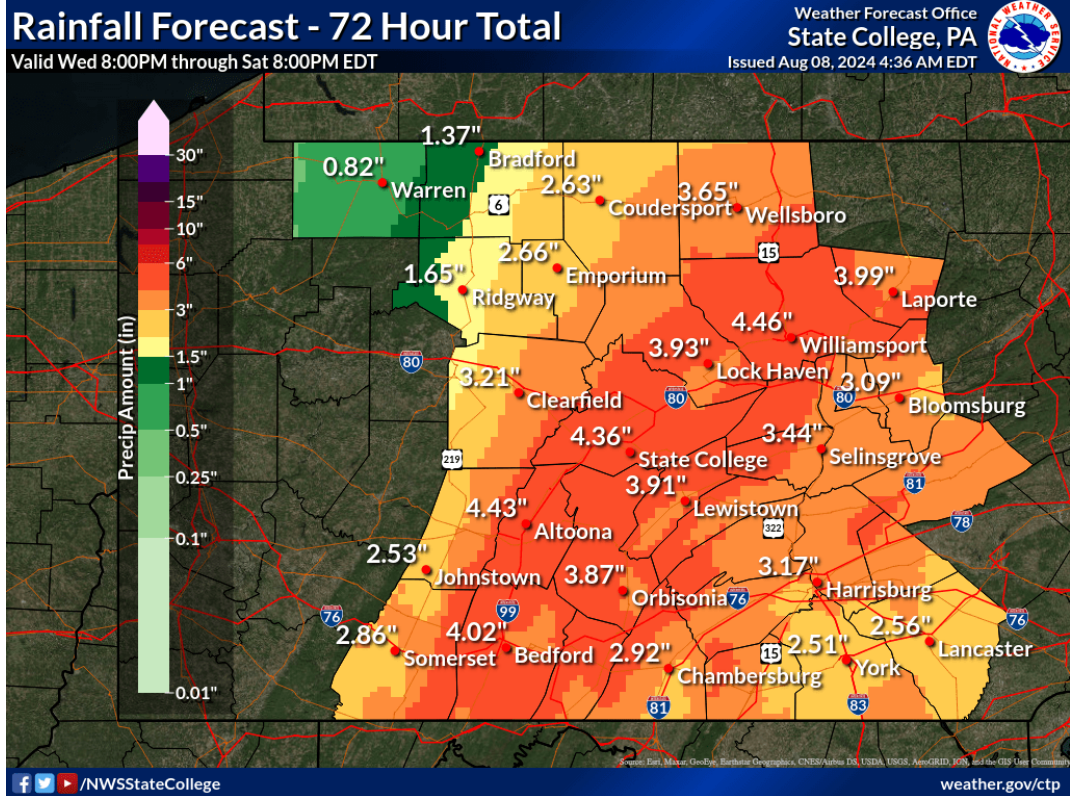


- Although the potential for flooding is the primary concern, there is a marginal risk (level 1/5) for severe weather in the Lower Susquehanna Valley Friday during the daytime and early evening hours.
- Localized damaging wind gusts are possible in the strongest thunderstorms.



Total Rainfall Forecast

Through 8 AM Saturday



- The heaviest rain is expected to fall from the Laurel ridges eastward through the Susquehanna Valley.
- In general, most places are expected to see 2-4 inches of rain.
- Locally higher amounts up to 6 inches are possible.
- Rainfall may be locally enhanced in areas of higher terrain.





Stay tuned for updates!

www.weather.gov/ctp/briefing

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Method: Email

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Contact Us!



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