Flash Flooding Possible This Aft into Wed AM

August 6, 2024
5:30 AM

Key Messages

- Scattered to numerous instances of flash flooding this afternoon through early Wednesday morning.
- Additional heavy rain possible Thursday into Saturday with tropical moisture associated with Tropical Cyclone Debby.

HAZARDS & IMPACTS

Thunderstorms/Flash Flooding This Aft into Tonight: Flood Watch in Effect
- Storm Total Rainfall: 1 to 2" area wide, locally 3 to 5" possible this aft into Wed.
- Rainfall Rates: 1 to 2", locally 3"/hr this aft into early Wed morning
- Flash Flood Impacts: Scattered to numerous instances of flash flooding of urban & poor drainage areas and along quick responding rivers & streams are possible. Flooding could be locally significant, causing major disruptions to transportation, flooding basements, first floors of residences and businesses, underground infrastructure, and posing an elevated threat to life.
- Risk for isolated strong to severe thunderstorms primarily with strong to damaging winds gusts this afternoon and evening.

End of Week Major Rainfall Event:
- Thursday-Saturday: Potential for additional heavy rainfall and flooding concerns.

Flood Watches Warnings and Advisories

Flood Watches

- Flood Watch: For entire area this afternoon through Wednesday morning.
- Rip Current Statement: High risk of rip currents through this evening.

FORECAST CHALLENGES

- Location: There is high confidence in bands of heavy downpours and thunderstorms developing in the vicinity of the Tri-State area along a stalling frontal boundary this aft to tonight, most likely focused on southern portions of the area, but there is still some uncertainty regarding location.
- Timing: While heavy rainfall is likely this afternoon into tonight along a stalled frontal boundary, the front, along with the heaviest rainfall, is expected to shift south Wednesday morning. Confidence is only moderate with this timing.

NEXT BRIEF

By 6AM Tuesday.
Excessive Rainfall Outlook thru Wed

8AM Today through 8AM Wednesday

NOTE: 21% of all flood related fatalities occur during Moderate Risk days.
Locally 3 to 5" of rainfall are possible where numerous thunderstorms move over the same area. Much of this could fall in a 3-6 hr period this afternoon into tonight.

The highest threat area is circled in the picture.
Key Points

- There is potential for urban, poor drainage, and river/stream flooding from heavy rainfall, accompanied by gusty winds Friday into Saturday. Rain and wind impacts will be highly dependent on the track and intensity of Debby.
- High Surf and High Risk of rip currents along ocean beaches possible Friday into the weekend.
- Refer to National Hurricane Center Forecasts for the latest track and intensity information on Debby.