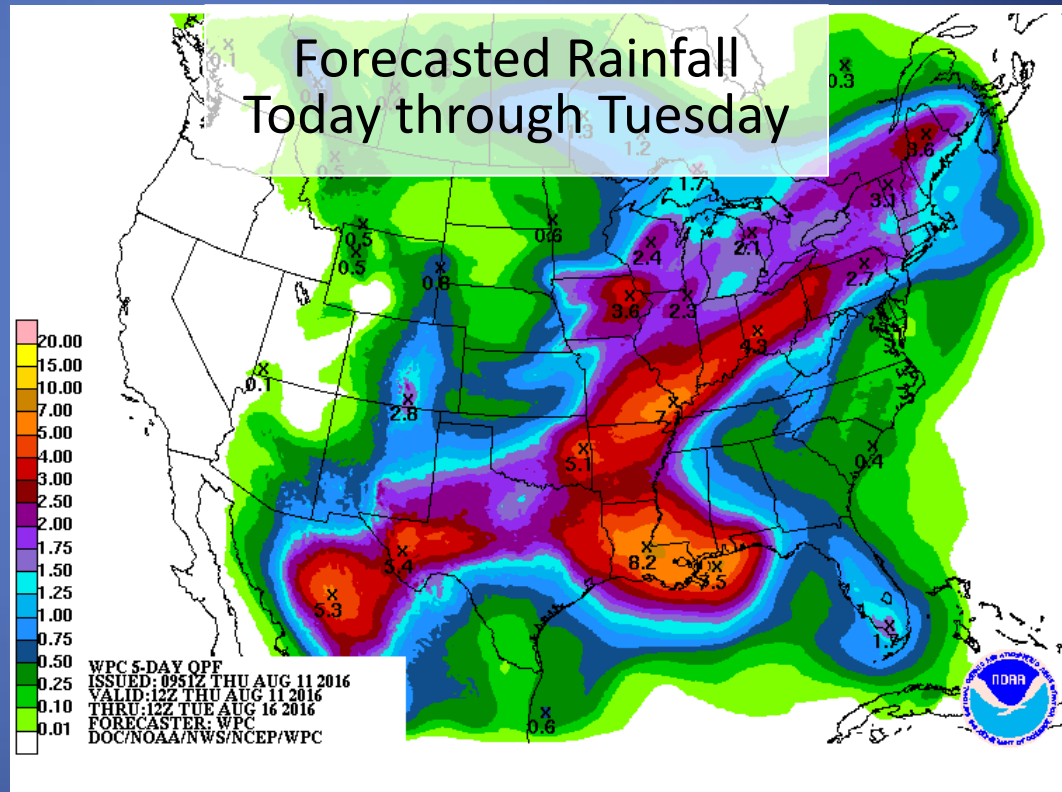


Excessive Rainfall Potential

Overview: A warm and very humid airmass will remain across the Ohio Valley through the weekend. Chances for thunderstorms and locally heavy rainfall will exist each and every day...increasing this weekend as a frontal boundary sags across northern Ohio and Pennsylvania and interacts with the tropical moisture over the region. The primary threat from storms the weekend will be torrential rainfall and localized flooding concerns.

Impacts

- Some areas north of the frontal boundary could see from 0.5-2"
- Areas along and south of the boundary could see rainfall totals 2-3" with locally higher amounts up to 5".
- Torrential rainfall rates of around 4" per hour likely
- Flash Flooding possible



Graphic Created: 8/11/2016 2:02 PM

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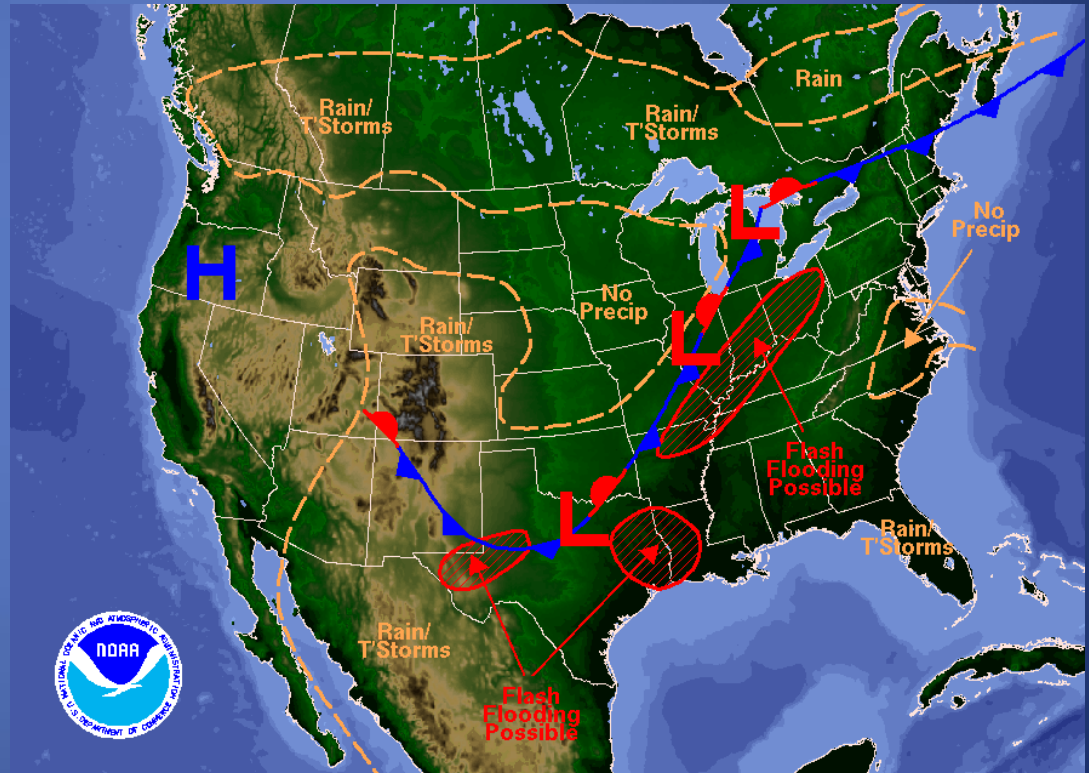


Excessive Rainfall Potential This Weekend

By Friday Night an upper level trough will approach the region with a weak surface low expected to move along a stationary front over the region on Saturday into Sunday. This will become the focus for heavy rain and possible training of storms over the same area. The location of the frontal boundary will be a critical factor in determining where the axis of deepest moisture and consequently the heaviest rain sets up over the weekend. The moisture content of the atmosphere are projected to be right at max climatological values for August.

Timing:

- Scattered storms will occur this afternoon and again on Friday afternoon/evening.
- A cold front will approach the area Friday Night into Saturday morning with ongoing thunderstorms.
- The front will stall over northern Ohio on Saturday.
- The front will progress south on Sunday helping to reduce rain chances in the north. Ongoing heavy rain will continue mainly over southern portions of the area. Flood threat will be ongoing on Sunday for these areas.



Weather Forecast for Sat, Aug 13, 2016, issued 4:57 AM EDT Thu, Aug 11, 2016
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mc Reynolds based on WPC, SPC and NHC forecasts



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