



TROPICAL STORM ISAIAS RIVER FLOOD BRIEFING

Noon

Monday, August 3, 2020

Prepared by: Middle Atlantic River Forecast Center

What has changed:

Next Briefing: Wednesday, August 3, at Noon EDT

Disclaimer: The information contained within is time-sensitive. Do not use after 1:00pm EDT Tuesday.



Situation Overview

Tropical Storm Isaias



Middle Atlantic
RIVER FORECAST CENTER

River Flooding

Location

Greatest impacts generally central Virginia into eastern Maryland, eastern Pennsylvania and New Jersey. River flooding is forecast in the Schuylkill, Raritan, river basins

Impacts

**Widespread 3-6 inches of rain with locally heavier amounts of near 8 inches could be expected
Potential for moderate flooding at some locations with minor flooding expected at a number of locations**

Timing

**Rainfall begins overnight tonight extending into Wednesday morning
Flooding at small streams could be experienced overnight tonight but larger impacts will be Tuesday thru Thursday**

Confidence

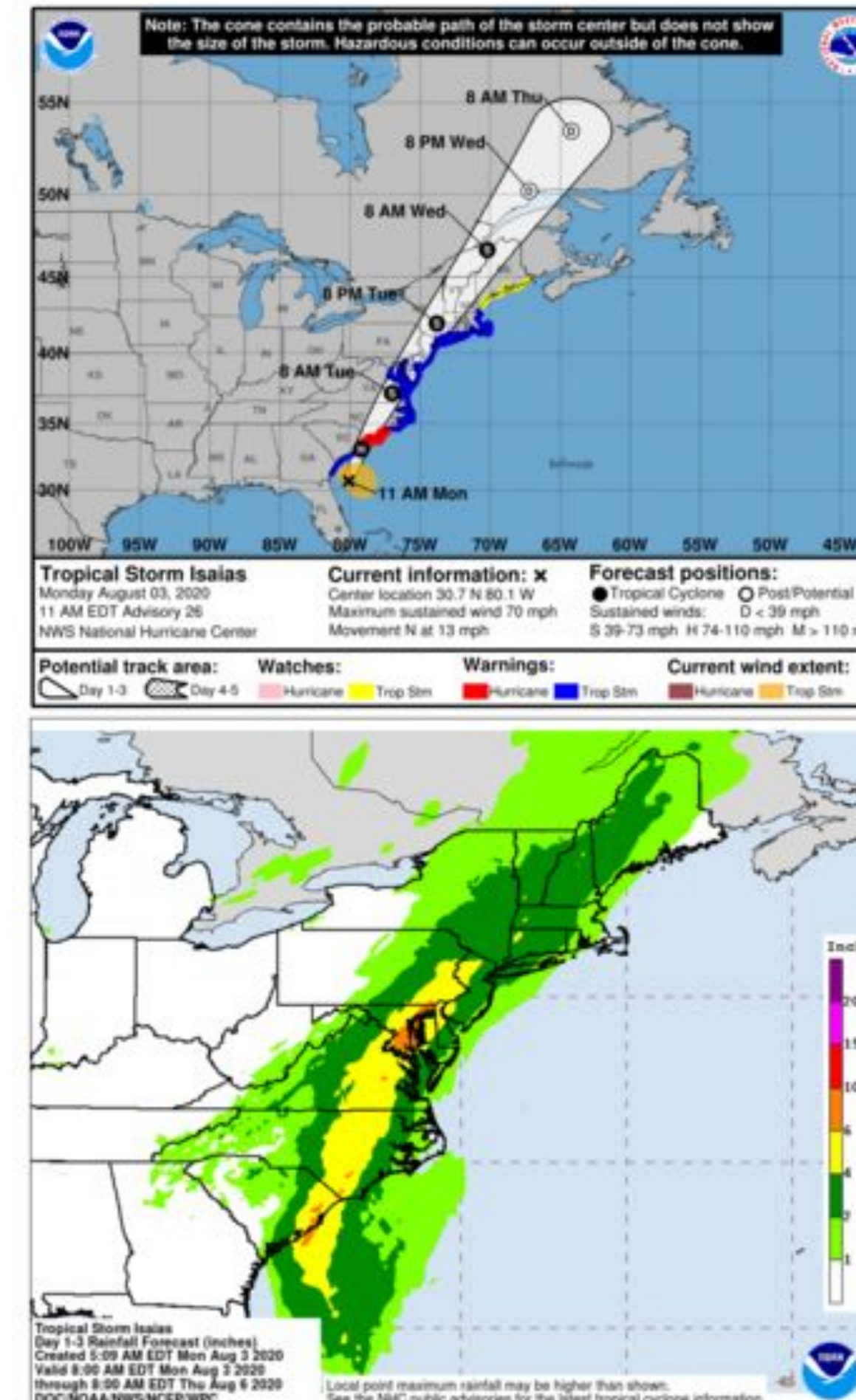
The track of the storm is fairly confident at this point across the Mid-Atlantic. Rainfall amounts and locations and resulting flood impacts are somewhat less confident



Key Messages for Tropical Storm Isaias Advisory 26: 11:00 AM EDT Mon Aug 03, 2020



1. There is the danger of life-threatening storm surge inundation along portions of the immediate coastline and adjacent waterways of northeastern South Carolina and the North Carolina coast in the Storm Surge Warning area. Residents in these areas should follow advice given by local emergency officials.
2. Isaias is forecast to regain hurricane strength before it reaches the coast of northeastern South Carolina and southern North Carolina, and hurricane conditions are expected in the Hurricane Warning area by this evening. Preparations should be rushed to completion.
3. Isaias is expected to bring widespread sustained tropical storm force winds and wind gusts to hurricane force to the mid-Atlantic coast Tuesday, which could cause tree damage and power outages. Tropical storm conditions are expected to reach southern New England on late Tuesday and are possible along the northern New England coast Tuesday night and early Wednesday.
4. Heavy rainfall will result in flash and urban flooding, some of which may be significant in the eastern Carolinas and the mid-Atlantic, through Tuesday night near the path of Isaias up the East Coast of the United States. Widespread minor to moderate river flooding is possible across portions of the Carolinas and the Mid-Atlantic.



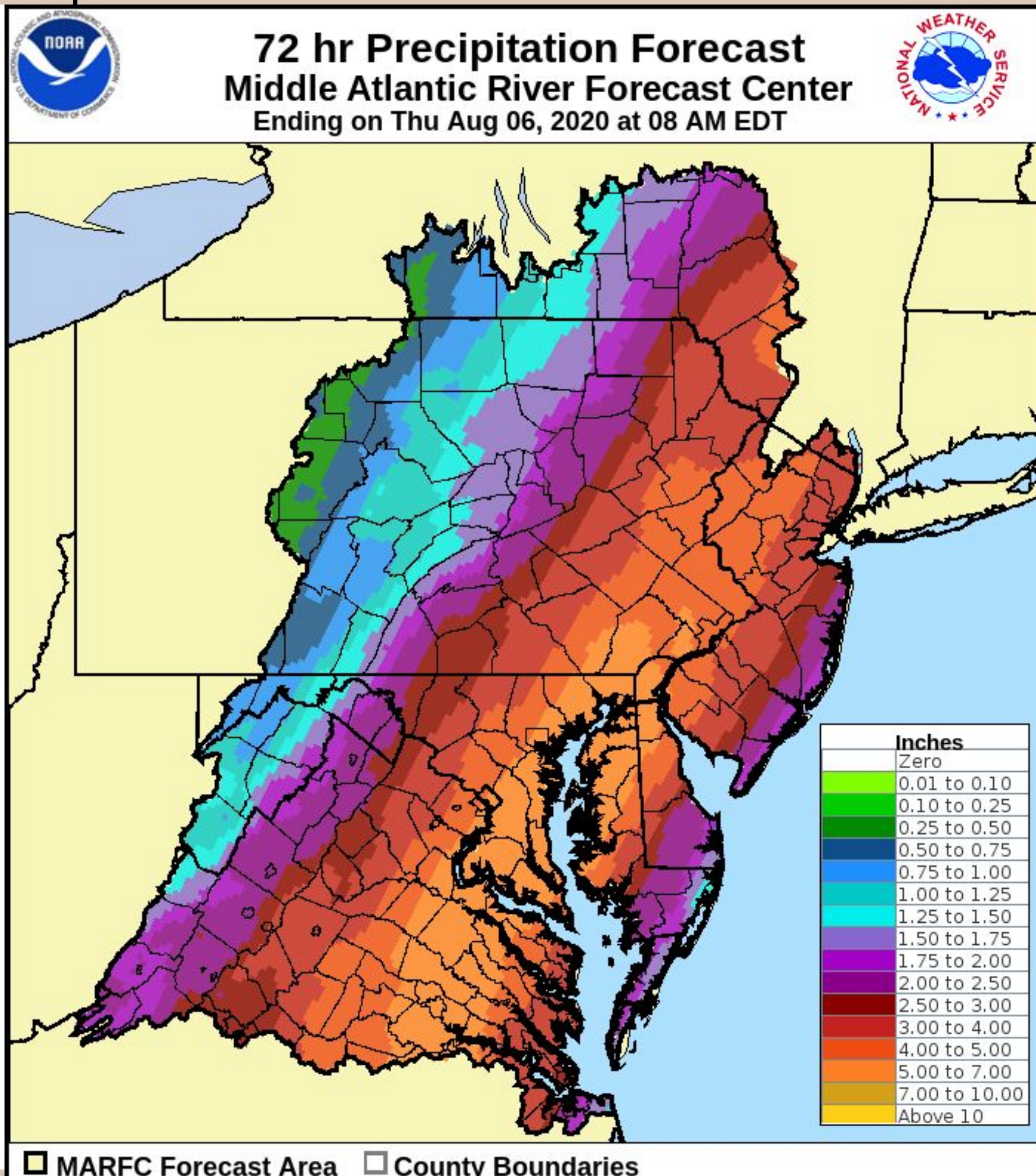
For more information go to hurricanes.gov

Expected Storm Total Rainfall



Middle Atlantic
RIVER FORECAST CENTER

Tropical Storm Isaias



Note: There will likely be locally higher amounts

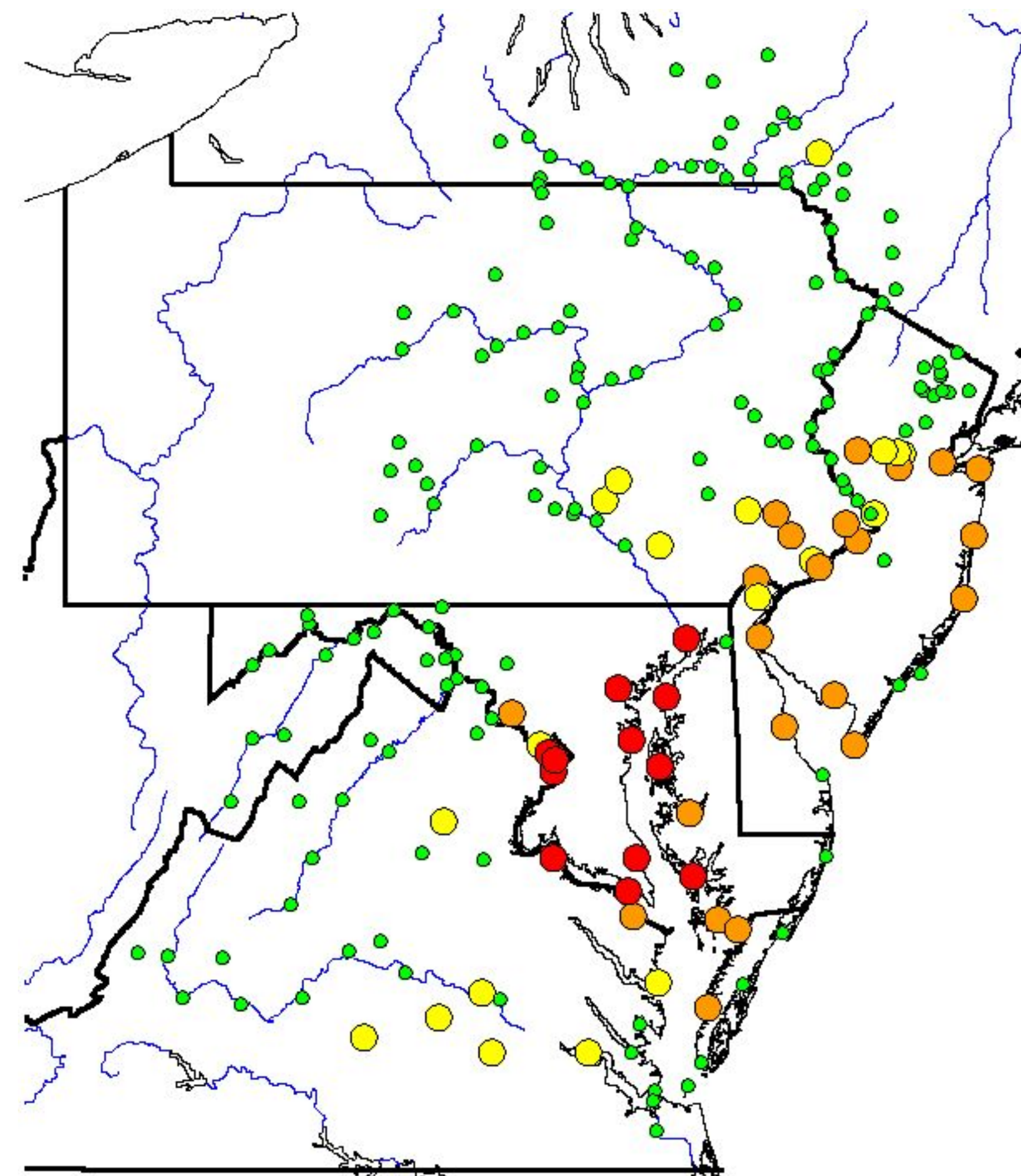
- A widespread area of 3-6 inches of rain is expected across the eastern portions of our forecast region from eastern Virginia across eastern Maryland and Pennsylvania and New Jersey
- Locally heavier amounts could approach 8 inches in spots
- Rainfall will begin moving in from the south this evening
- Heaviest amounts are generally expected during the day on Tuesday
- Heaviest rains should be out of the region by noon Wednesday

Potential for River Flooding

Tropical Storm Isaias



Middle Atlantic
RIVER FORECAST CENTER



AHPS River Forecasts

Aug 03 11:32am EDT

- Major Flood
- Moderate Flood
- Minor Flood
- Near Flood Stage
- No Flooding

Latest Information at:
<http://water.weather.gov>



National Weather Service
Middle Atlantic River Forecast Center

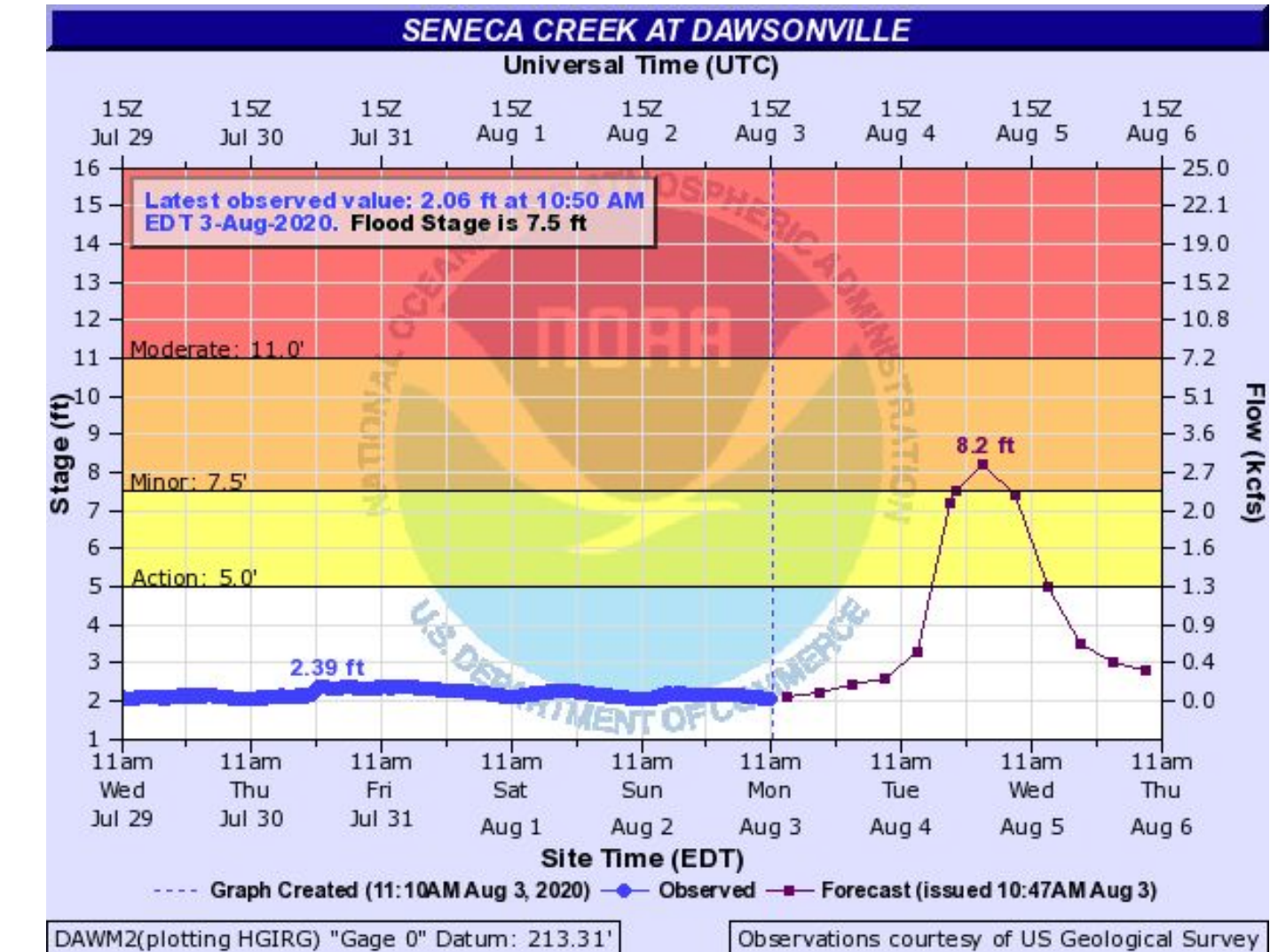
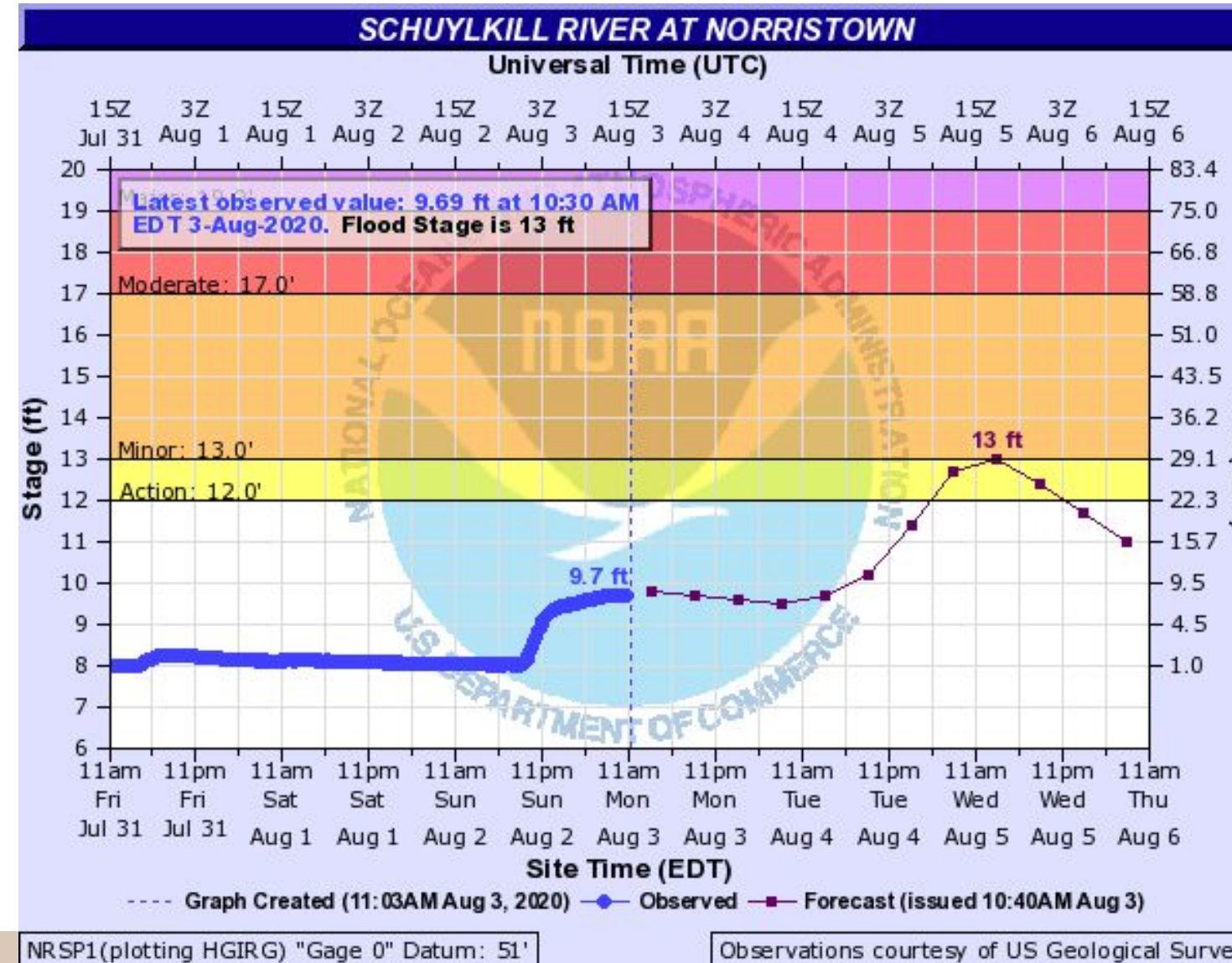
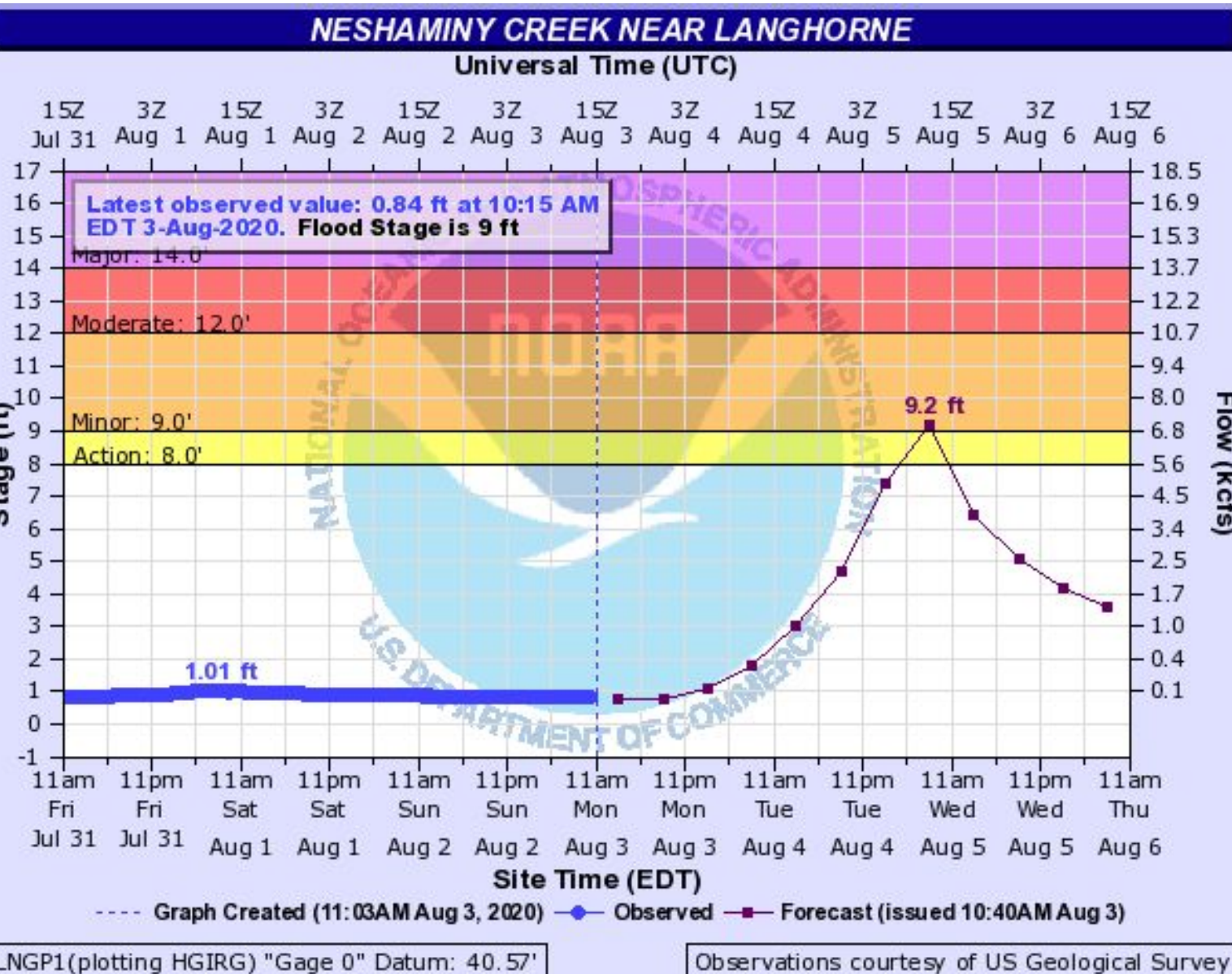
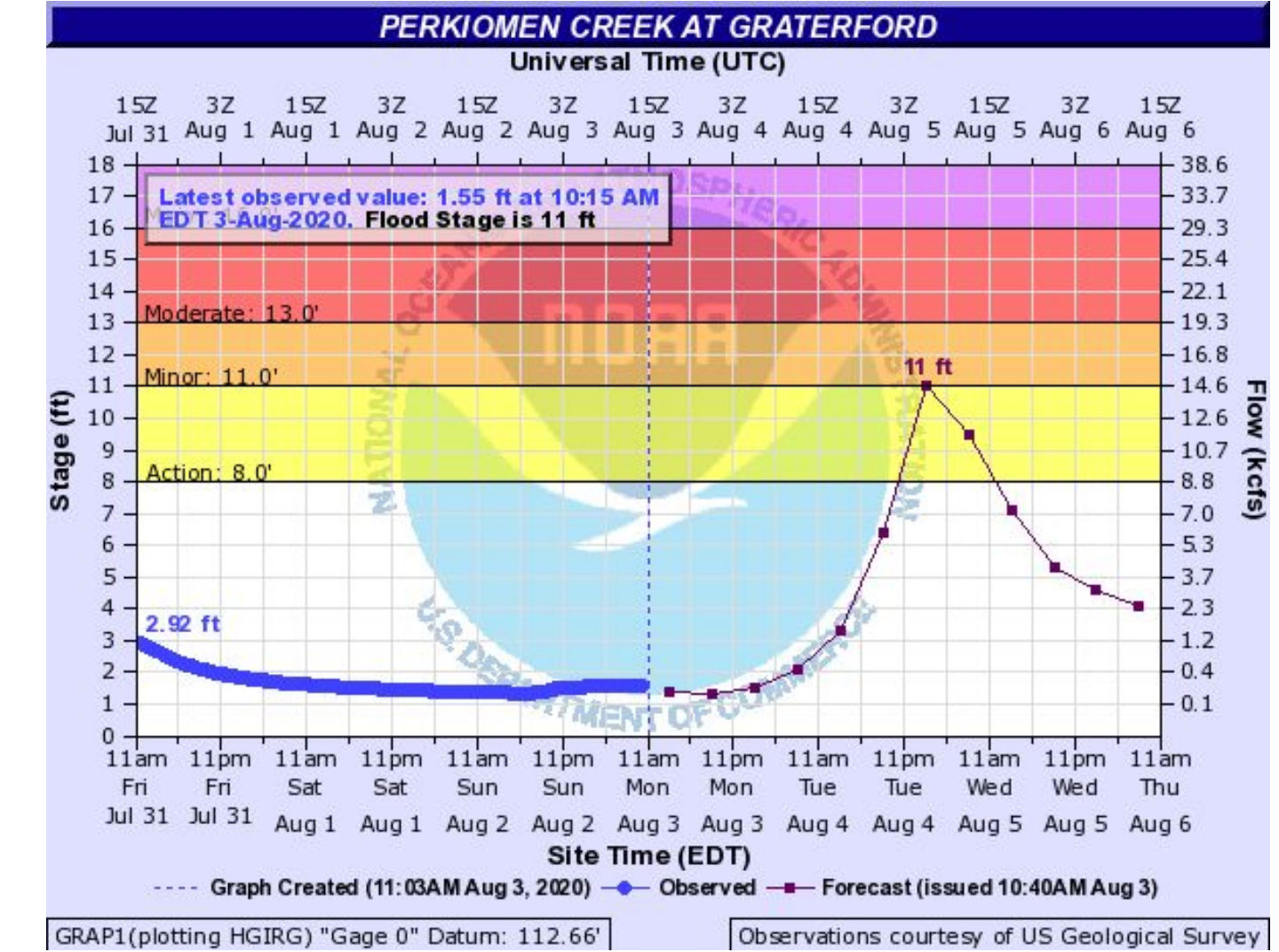
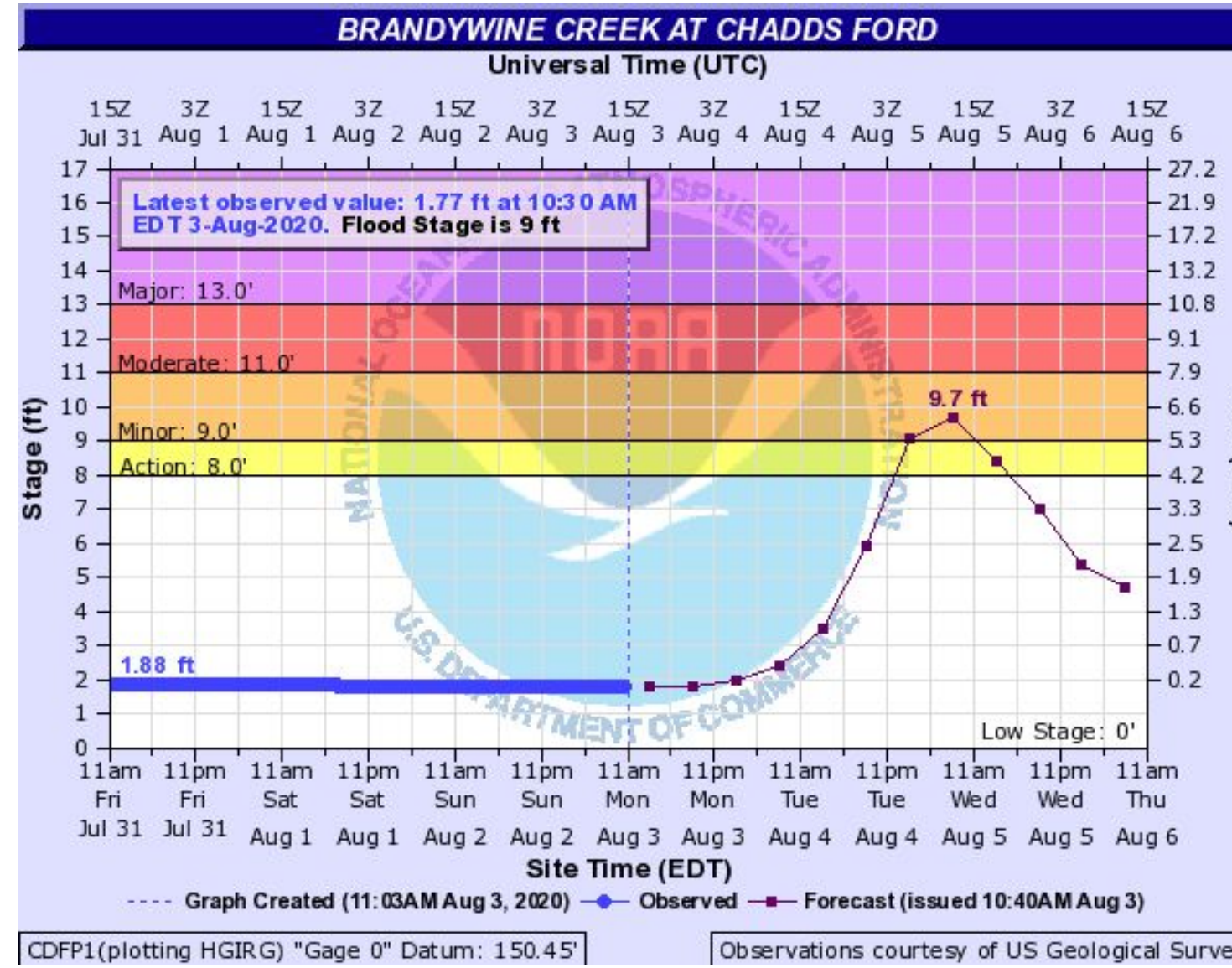
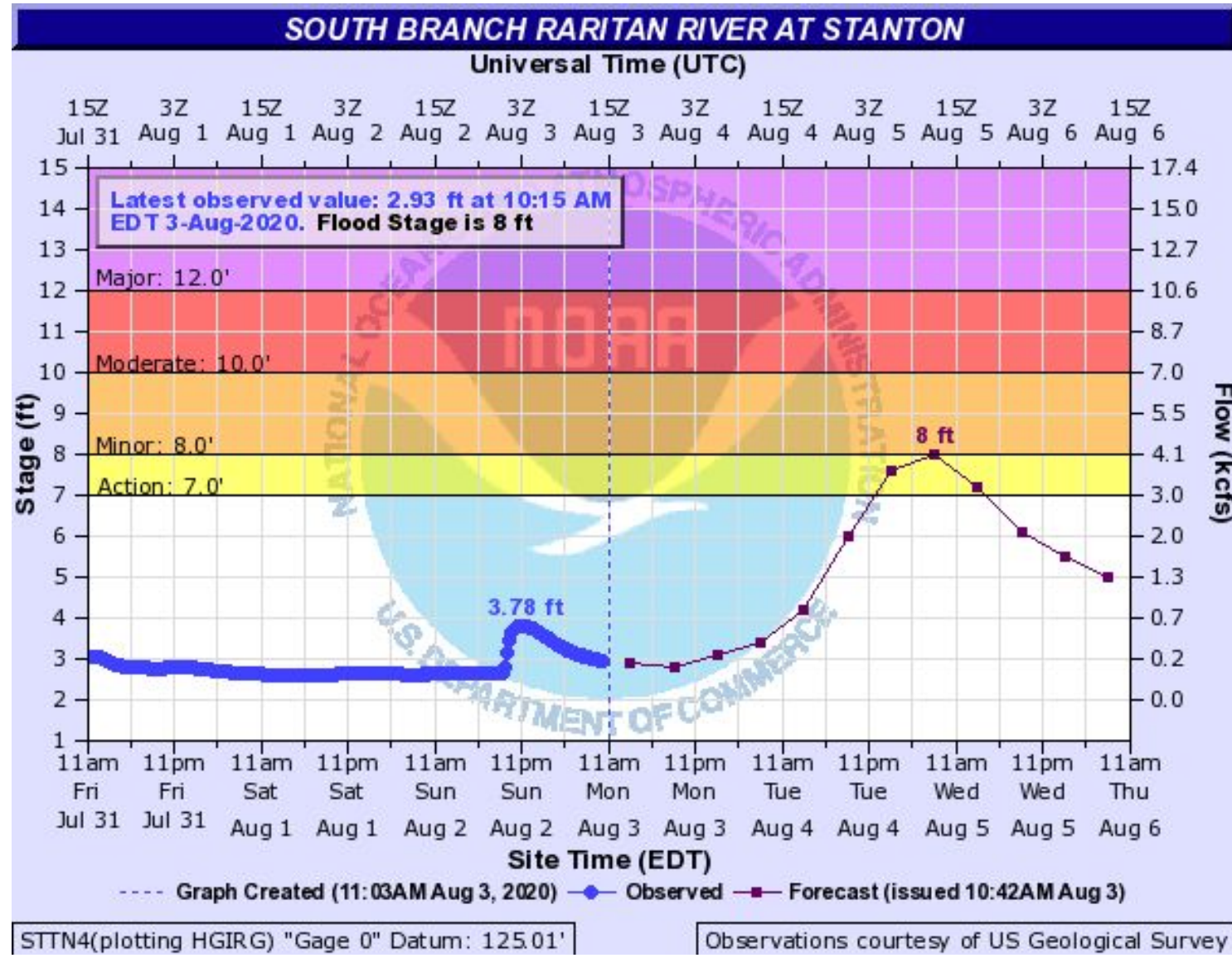
- Minor flooding is forecast at a number of locations across the region including the following river basins
 - Raritan River (NJ)
 - Schuylkill River (PA)
 - Seneca Creek (MD)
- Moderate flooding may be reached at
 - Tidal Potomac near Washington DC
- Moderate flooding could be reached in areas that receive higher than expected rainfall
- A number of locations could reach minor especially if rainfall shifts somewhat west
- Small stream, urban, and coastal flooding should also be expected

I am Flood Hydrographs

Tropical Storm Isaias



Middle Atlantic RIVER FORECAST CENTER





*The Next Briefing:
Tuesday, August 4 by Noon
Method: Email*



Web: <http://weather.gov/marfc>



Phone: (814) 231-2403



E-mail: Robert.Shedd@noaa.gov



Facebook: NWSMARFC



Twitter: NWSMARFC



YouTube: NWSMARFC

For the latest graphics and information go to: www.hurricanes.gov or weather.gov/lix/tropical

