



# TROPICAL DEPRESSION IDA BRIEFING FOR MARYLAND

2:00 PM ET

Tuesday August 31st, 2021






Next Briefing: Wednesday, September 1st, at 10:30am EDT

*Disclaimer: The information contained within is time-sensitive.*



# Situation Overview

Tropical Depression Ida

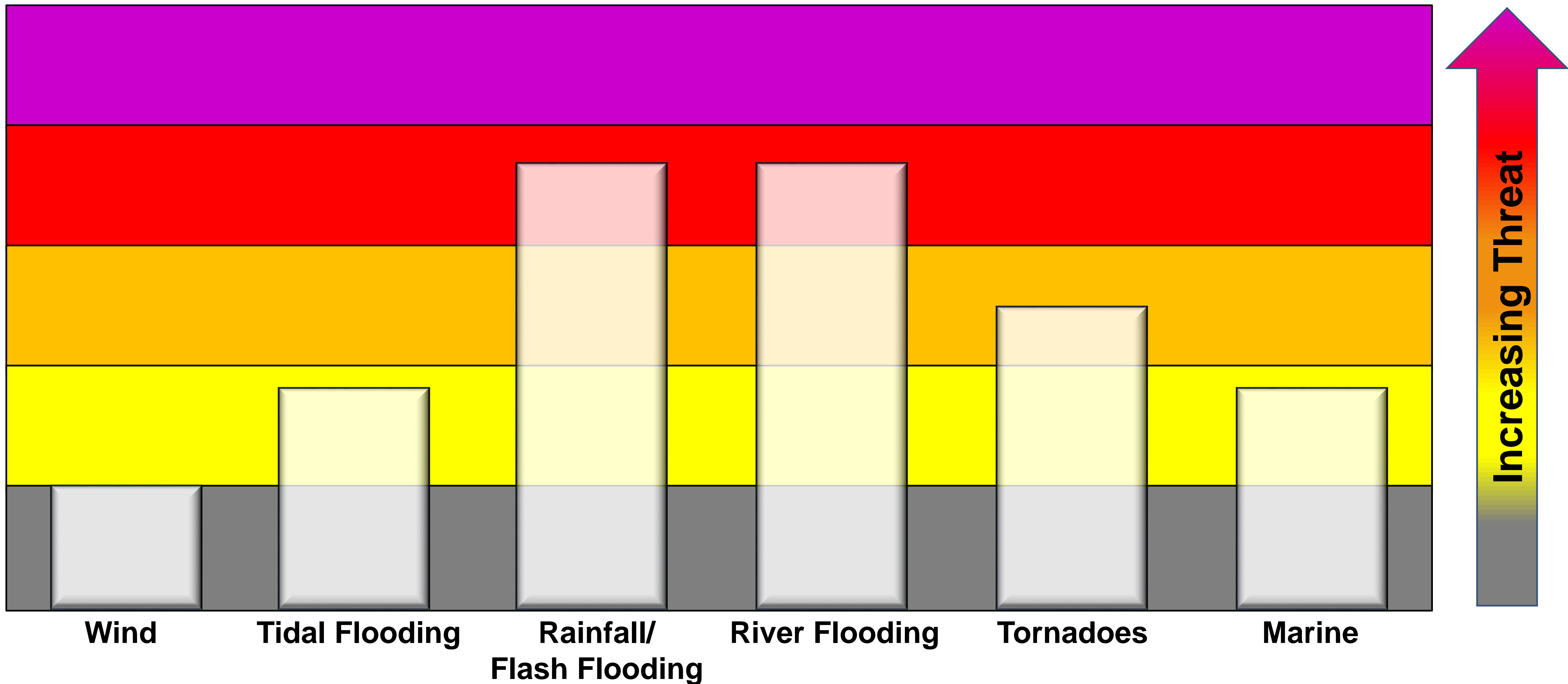
Hazard	Impacts	Location	Timing
 <p>Wind</p>	<p>Gusty winds of 25-35 mph could lead to scattered instances of downed trees in soggy ground &amp; sporadic power outages</p>	<p>Statewide</p>	<p>Late Wednesday into Thursday</p>
 <p>Tidal Flooding</p>	<p>Minor tidal flooding likely, with moderate tidal flooding possible at more sensitive locations</p>	<p>Chesapeake Bay, Tidal Potomac and Atlantic Coast</p>	<p>Wednesday Night &amp; Thursday Morning</p>
 <p>Flooding Rain</p>	<p>There is the potential for significant amounts of rainfall that could lead to severe flash flooding and main-stem river flooding thereafter</p>	<p>Statewide, with greatest threat across western &amp; north-central Maryland</p>	<p>Late tonight through early Thursday</p>
 <p>Tornado</p>	<p>Tornadoes are possible, even some strong tornadoes</p>	<p>Mainly most of central &amp; eastern MD</p>	<p>Wednesday afternoon into Wednesday Night</p>
 <p>Marine</p>	<p>Gale force winds under the stronger storms</p>	<p>Chesapeake Bay, Tidal Potomac and Atlantic Coast</p>	<p>Wednesday afternoon into Thursday</p>



# Threat Levels

Tropical Storm Ida

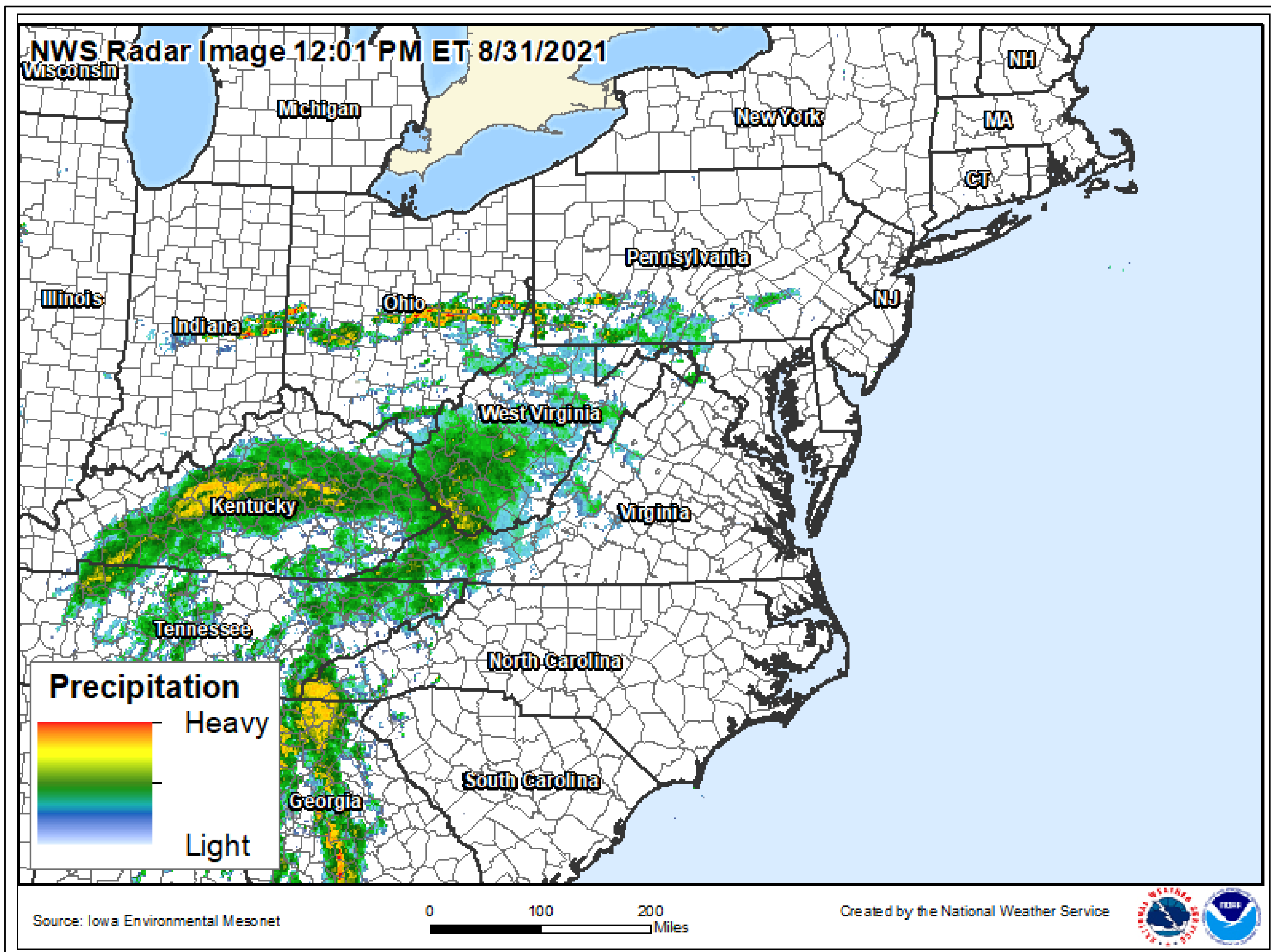
For information on specific hazards in this area, please go to <https://www.weather.gov/tropical/lwx>





# Situation Overview

Tropical Depression Ida

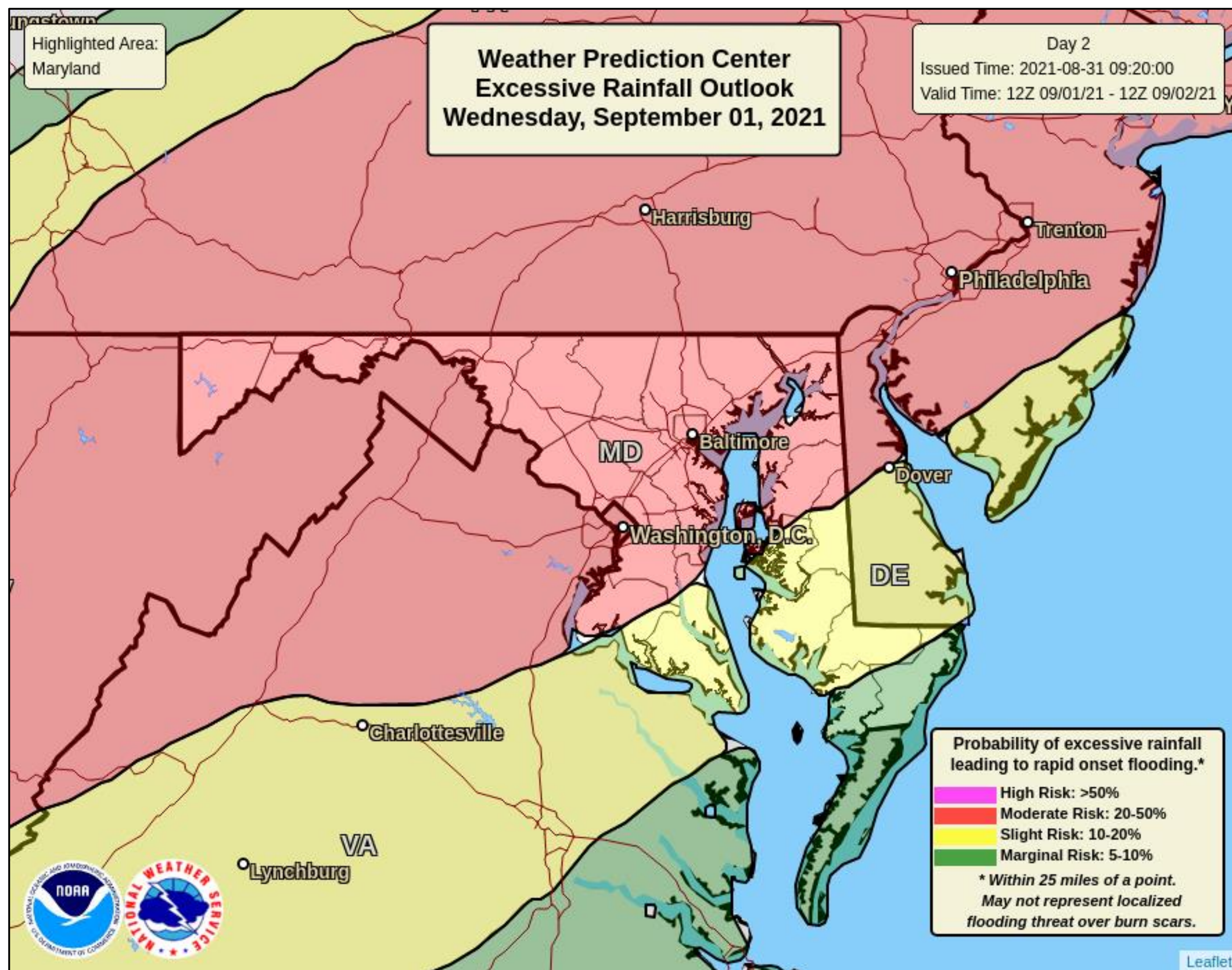


- Ida, now a Tropical Depression, will be a remnant by the time it reaches Maryland
- Flooding & Flash Flooding, and tornadoes are the biggest threats to Maryland
- Tidal flooding, and gusty winds are additional threats



# Excessive Rainfall Outlook

Tropical Depression Ida

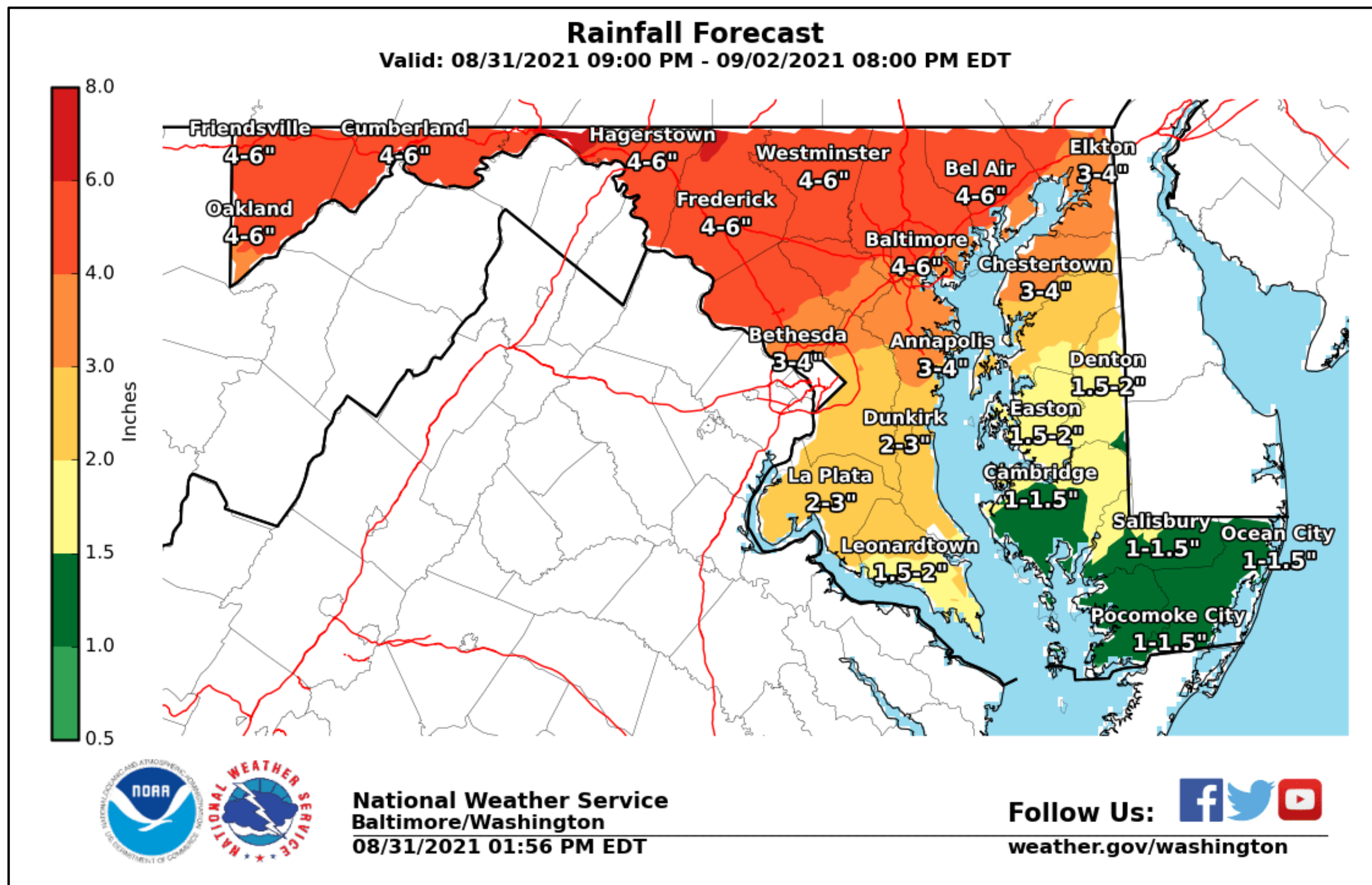


- Greatest risk for Maryland generally along and north of US-50, especially western Maryland
- However, there is a risk of flooding throughout the state
- Rainfall rates: 2-3"/hour for a brief time in the heaviest activity



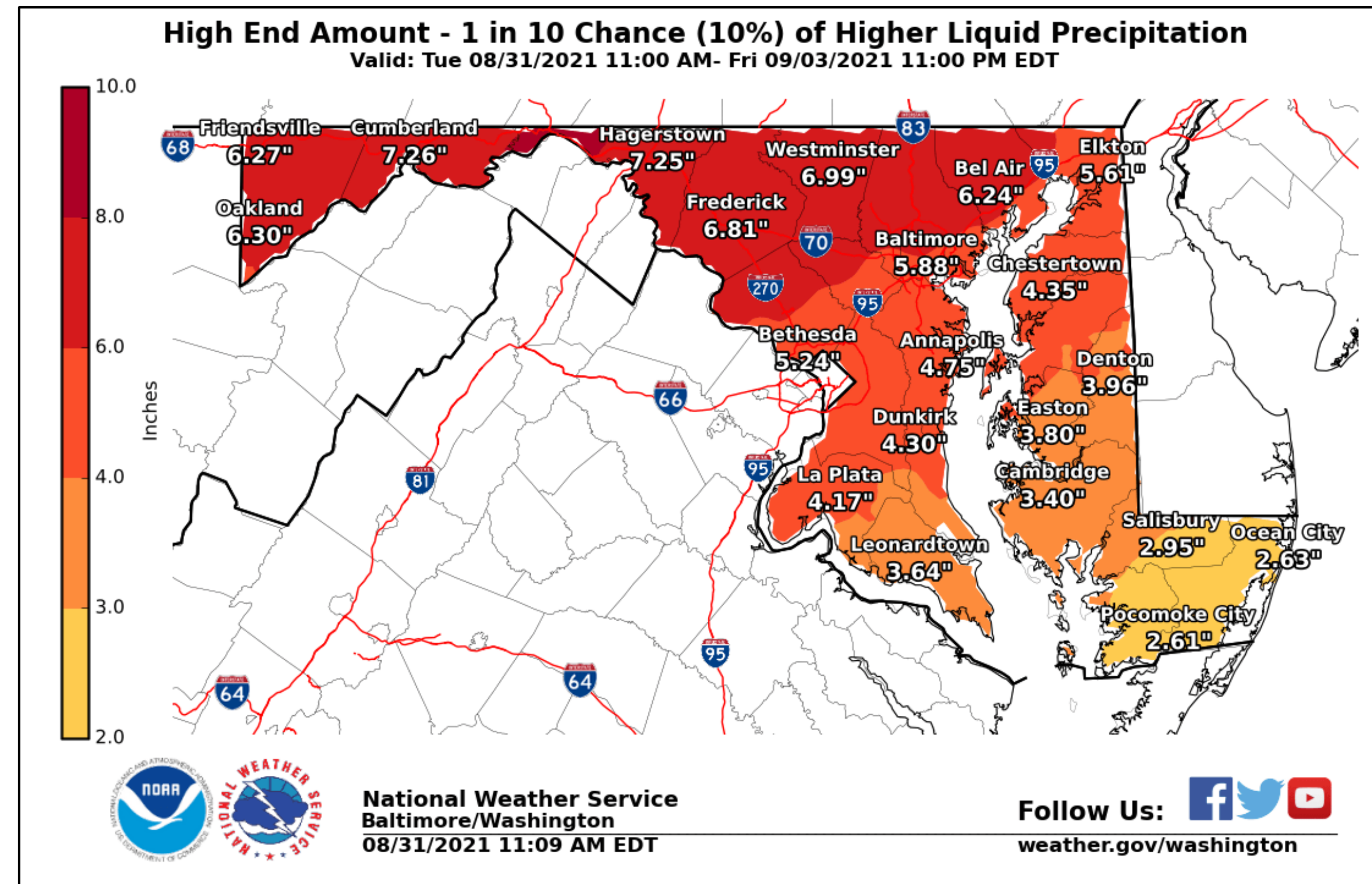
# Expected Storm Total Rainfall

## Tropical Depression Ida



### Expected Rainfall

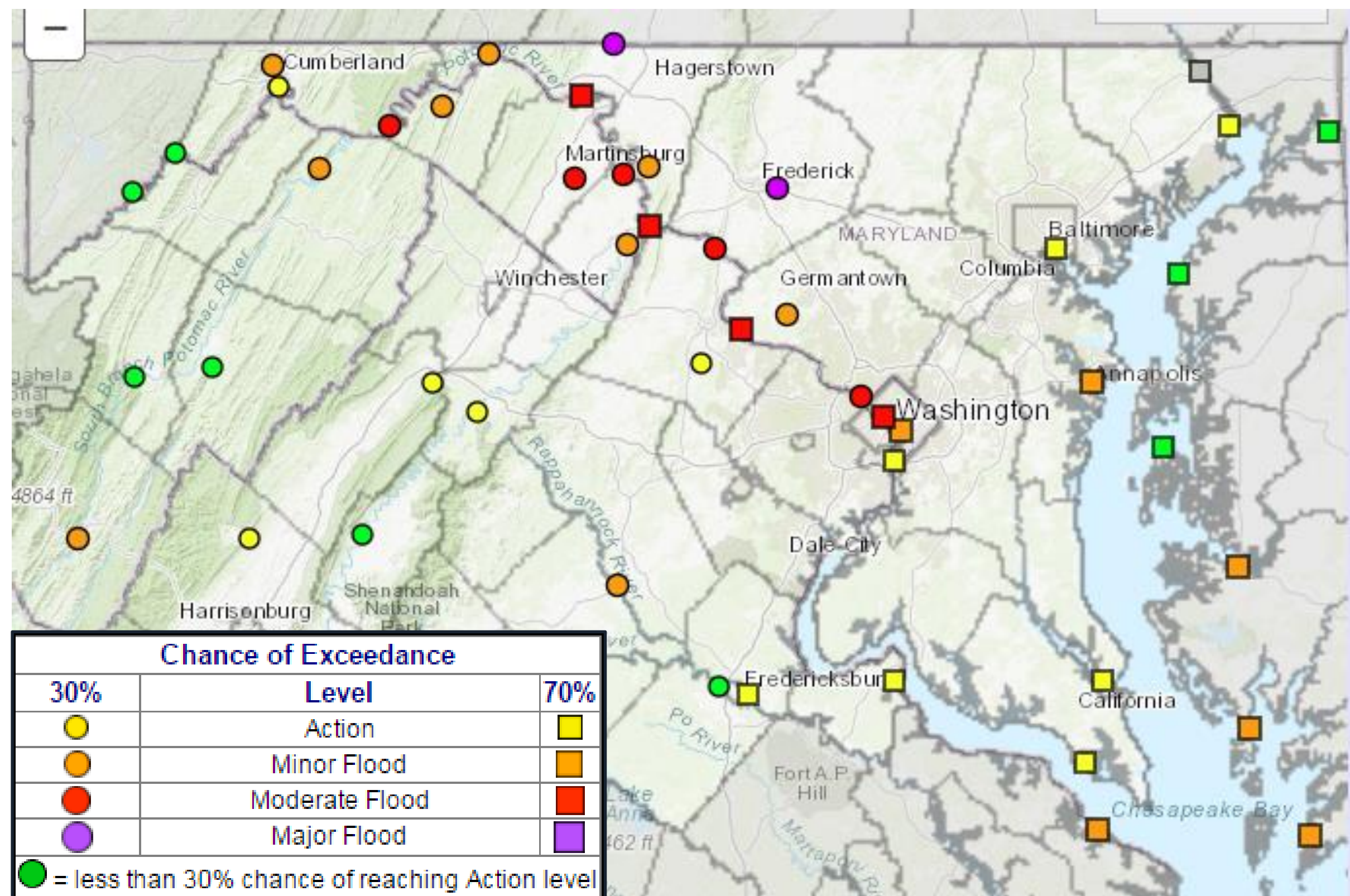
## Reasonable Worst-Case Rainfall





# Potential for River Flooding

Tropical Depression Ida



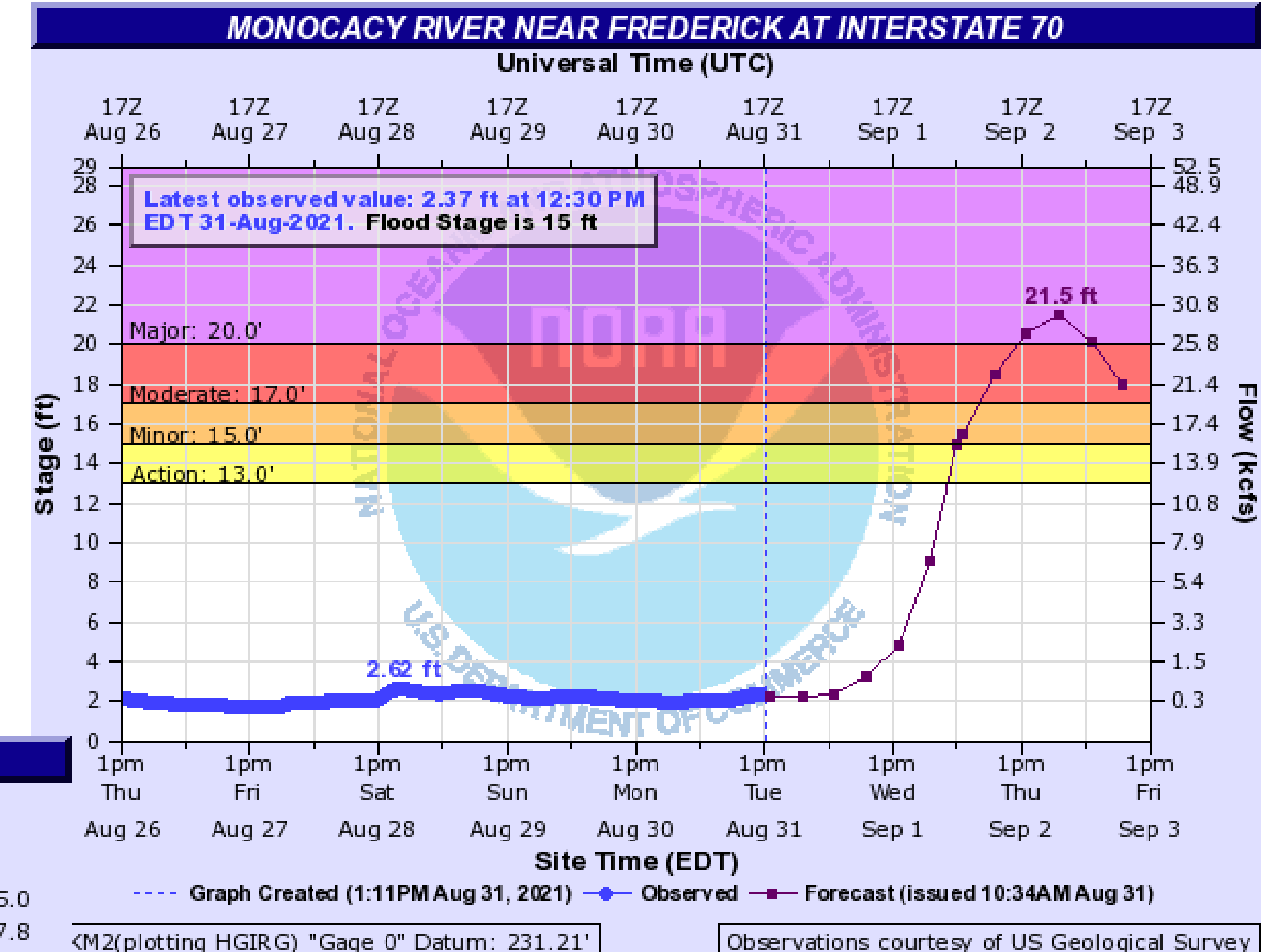
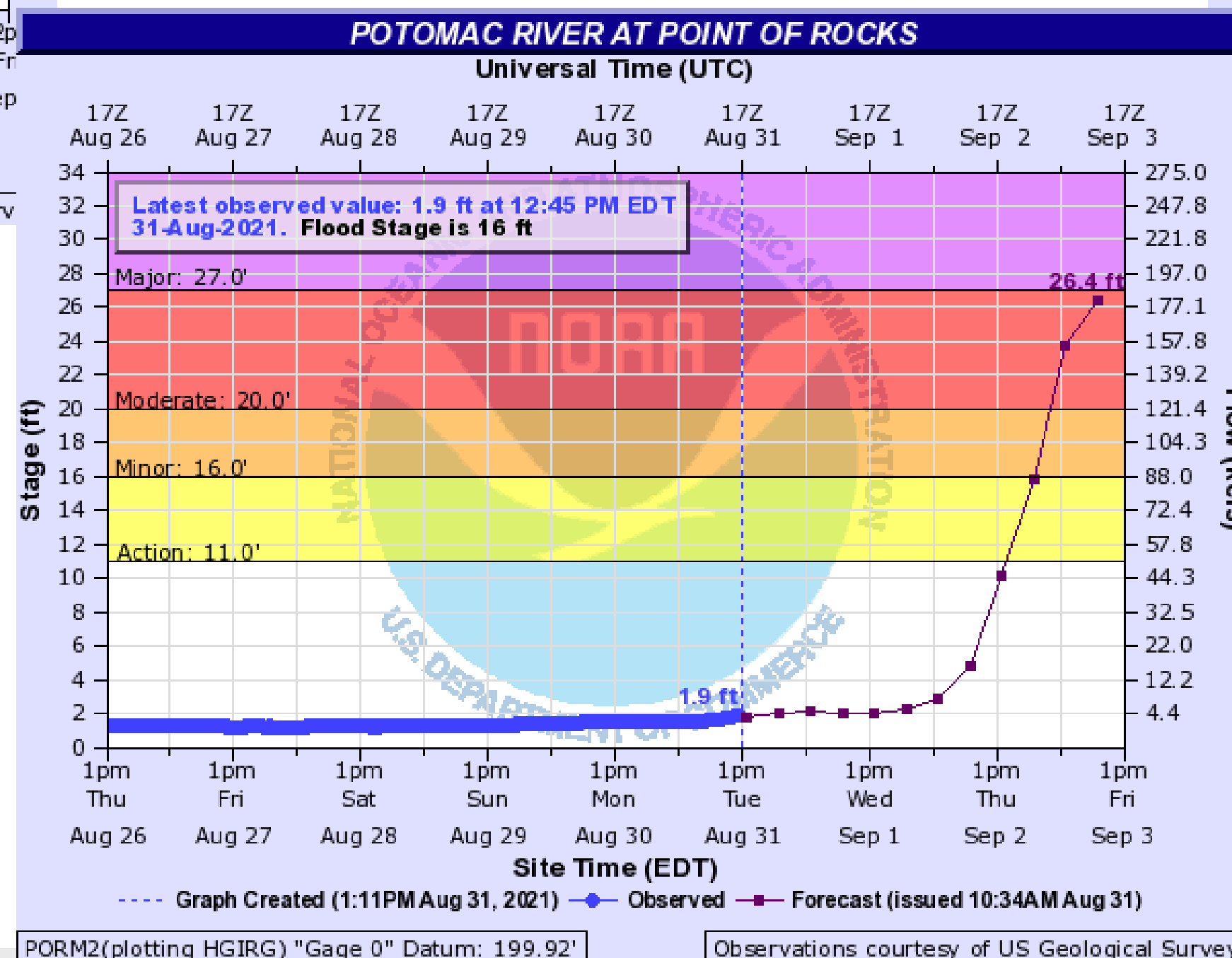
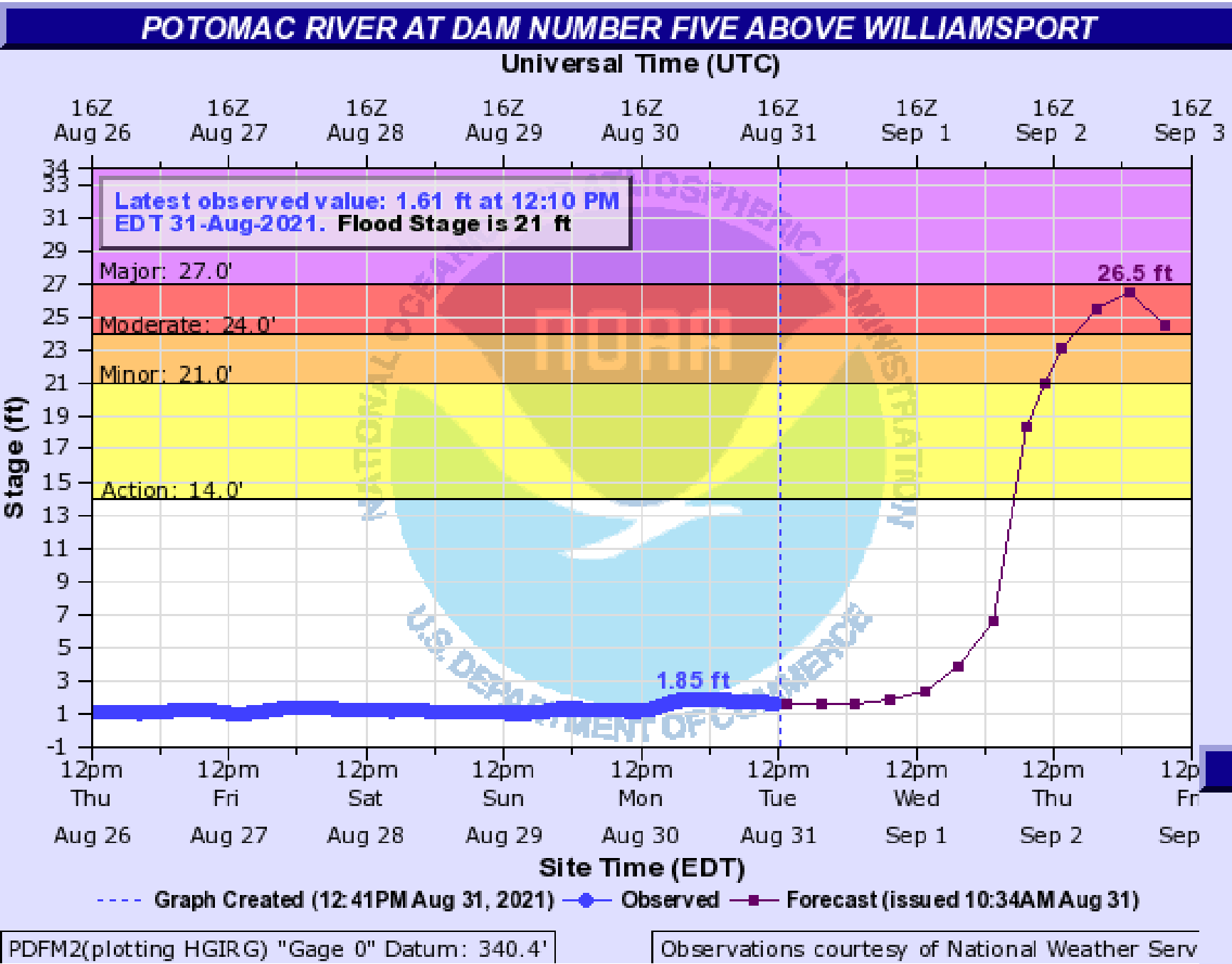
- Main-stem river flooding of the Potomac basin is a threat to Maryland. The Susquehanna is expected to remain below flood at this time.
- Threat window is Wednesday into Saturday
- In addition to your usual NWS river forecast that gives our best estimate of how high your river will rise, the below link will give you a range of possibilities for the river crests

<https://www.weather.gov/erh/mmefs?Lat=40&Lon=-77&Zoom=7>



# Forecast River Flooding

## Tropical Depression Ida

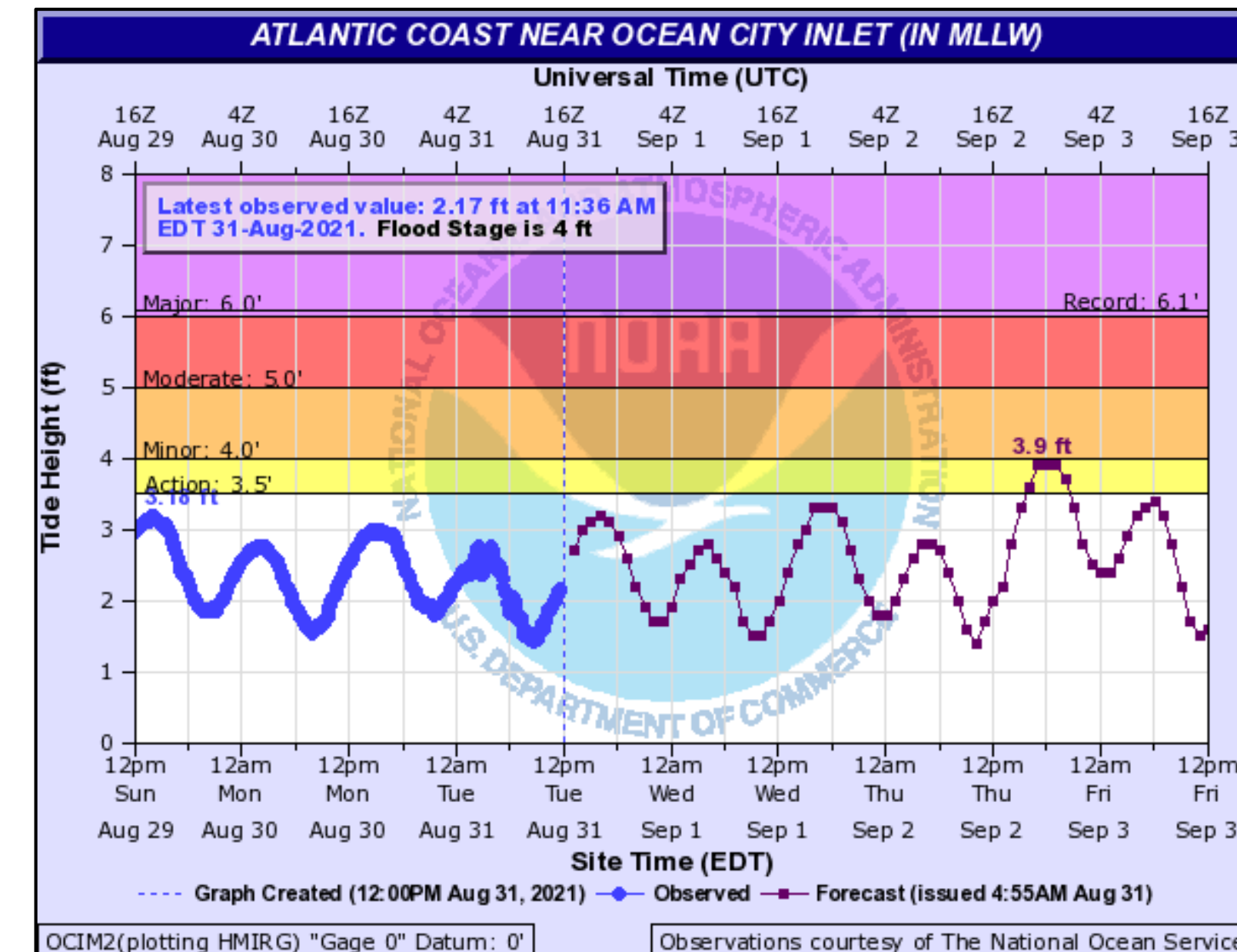
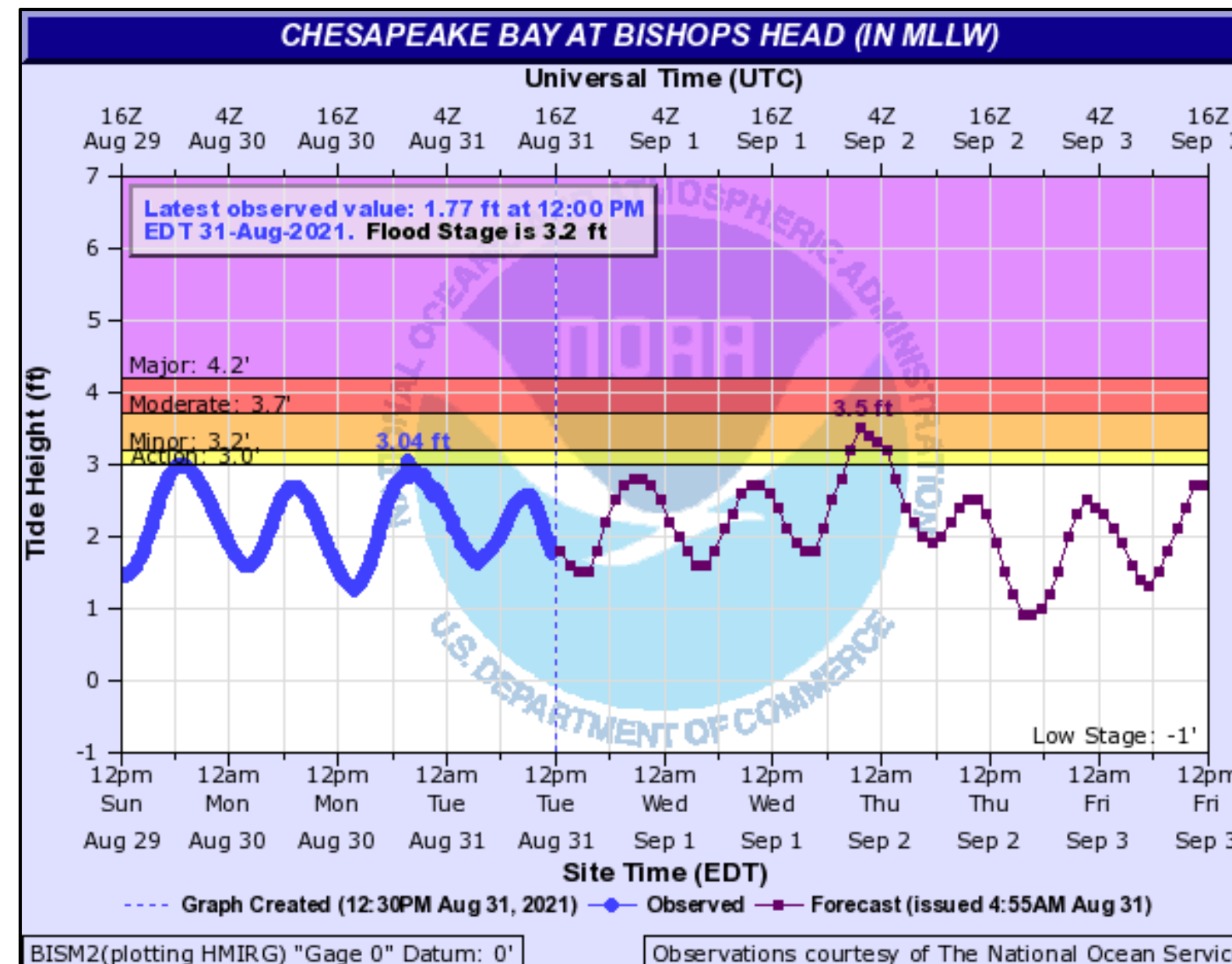
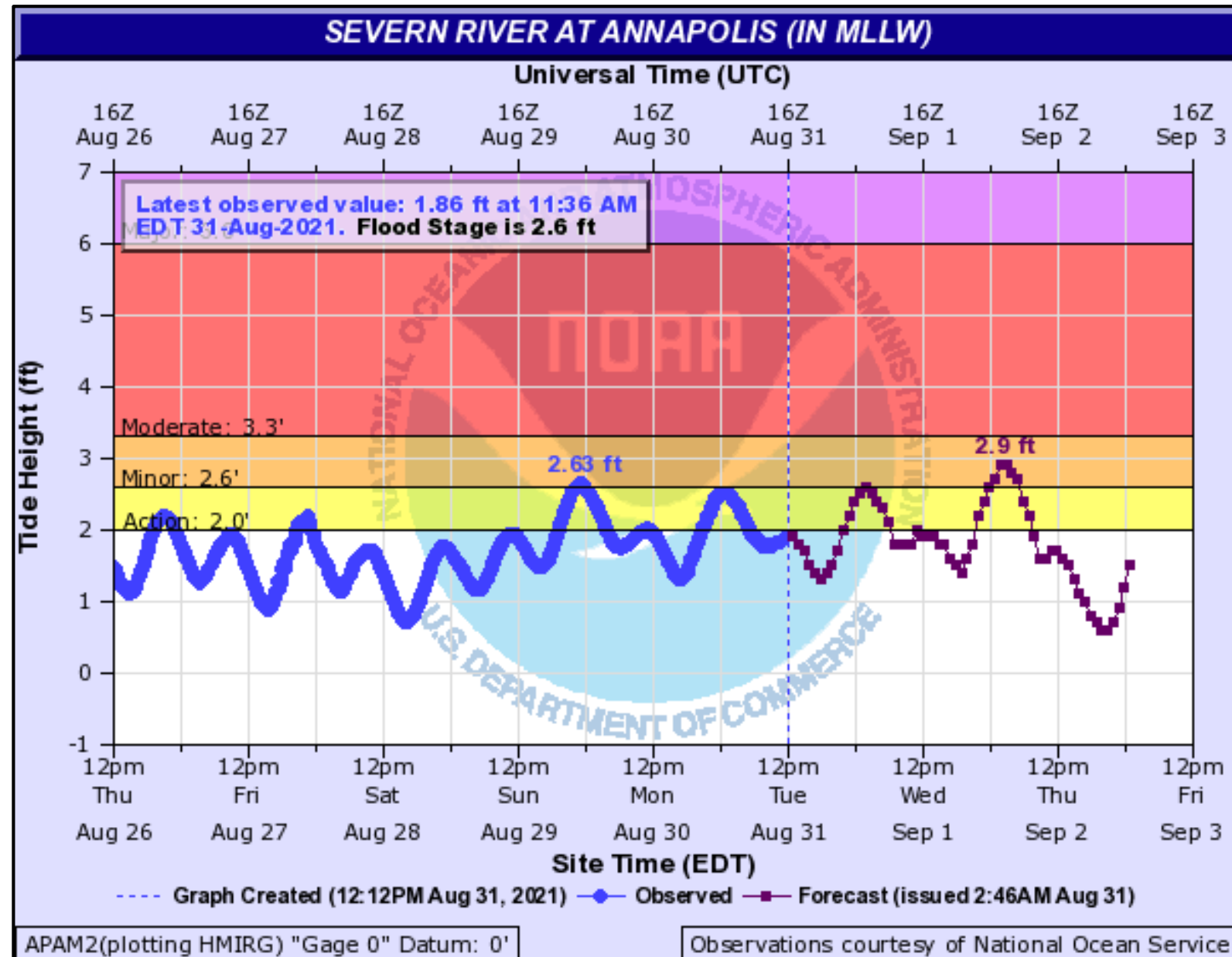




# Tidal Flooding

## Tropical Depression Ida

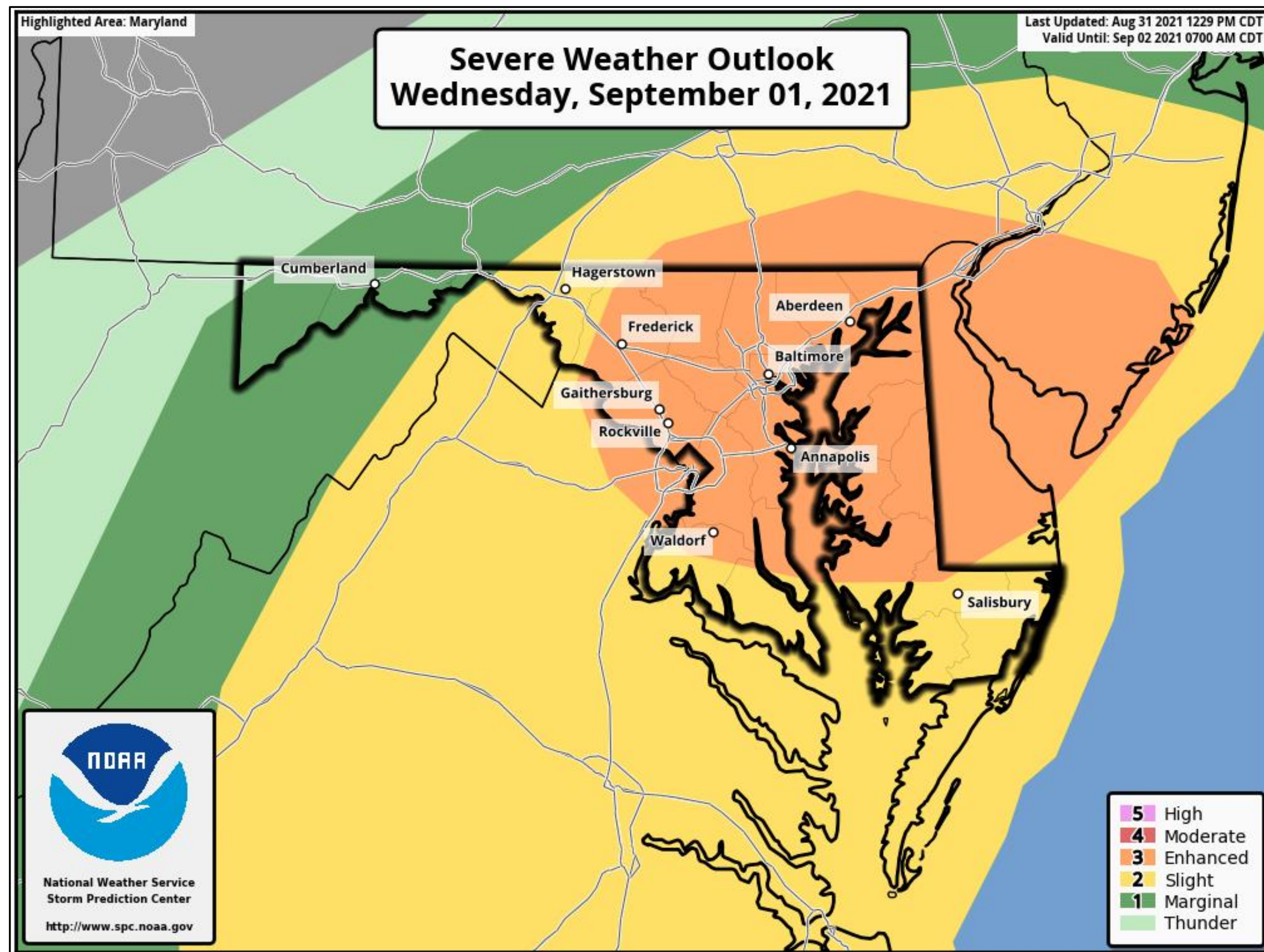
- Minor tidal flooding expected at many locations on the Bay and tidal Potomac Wednesday night into Thursday morning
- Moderate tidal flooding is possible during that period at the more sensitive locations





# Tornado Potential

Tropical Depression Ida



- Main threat of tornadoes is Wednesday afternoon into Wednesday night.
- Even a few strong tornadoes are possible.

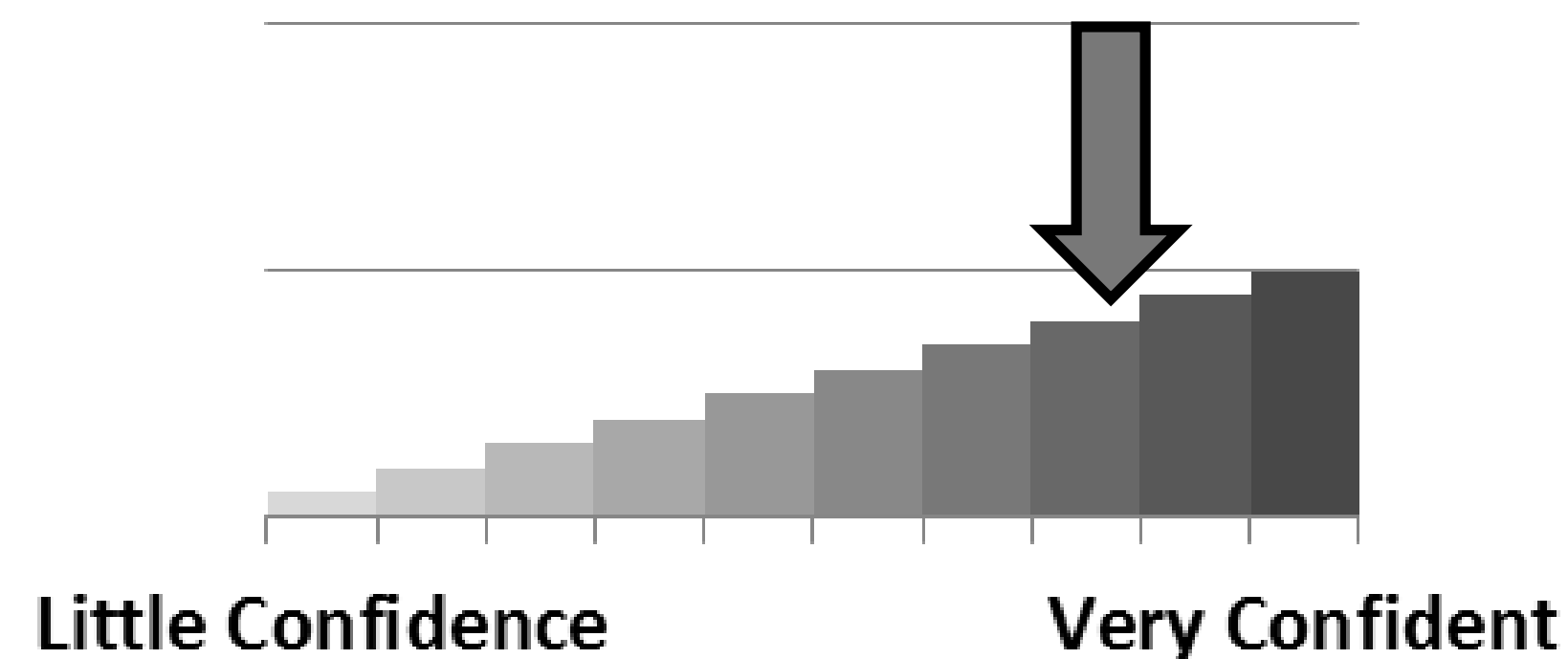


# Key Take-Aways

Tropical Depression Ida

- **Flash flooding, river flooding, tornadoes, tidal flooding, and gusty winds are all possible**
- **Timing: Late tonight into early Thursday**
- **River flooding likely continues into Friday/Saturday on Potomac River**

## Forecast Confidence



- Greatest rainfall totals expected in north-central and western MD.
- Greatest tornado threat along and east of I-95.



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*For the latest graphics and information go to: [www.hurricanes.gov](http://www.hurricanes.gov) or  
[weather.gov/\[lwx akq or phi\]/tropical](http://weather.gov/[lwx akq or phi]/tropical)*