

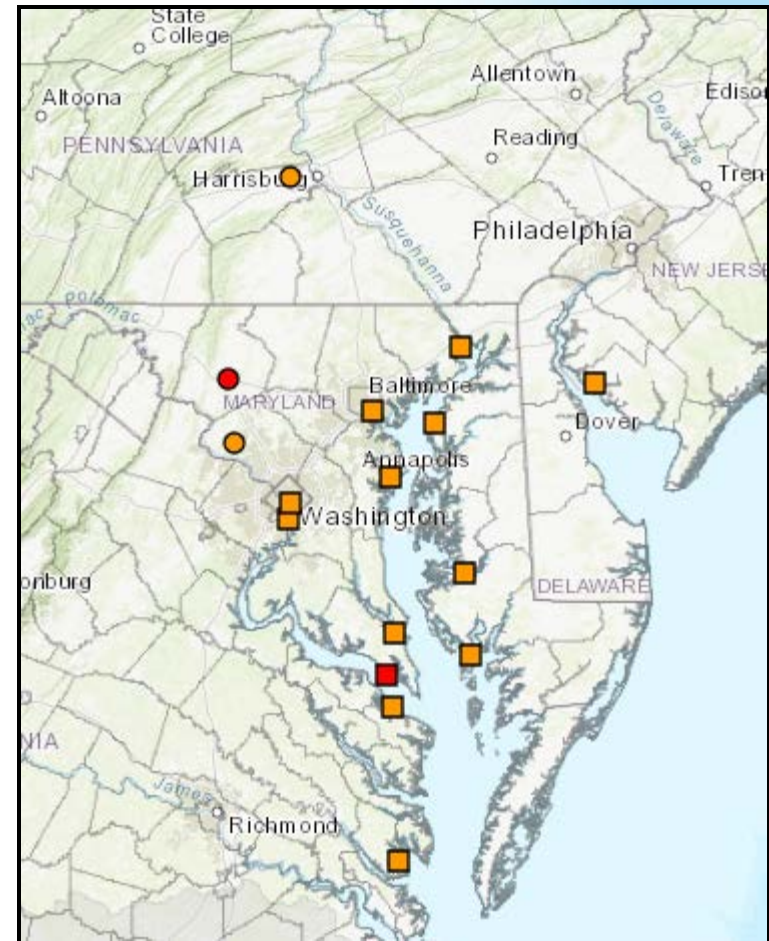
# Mid-Atlantic Flood Briefing

Decision Support Briefing #1  
As of: Noon, July 22, 2018



## What Has Changed?

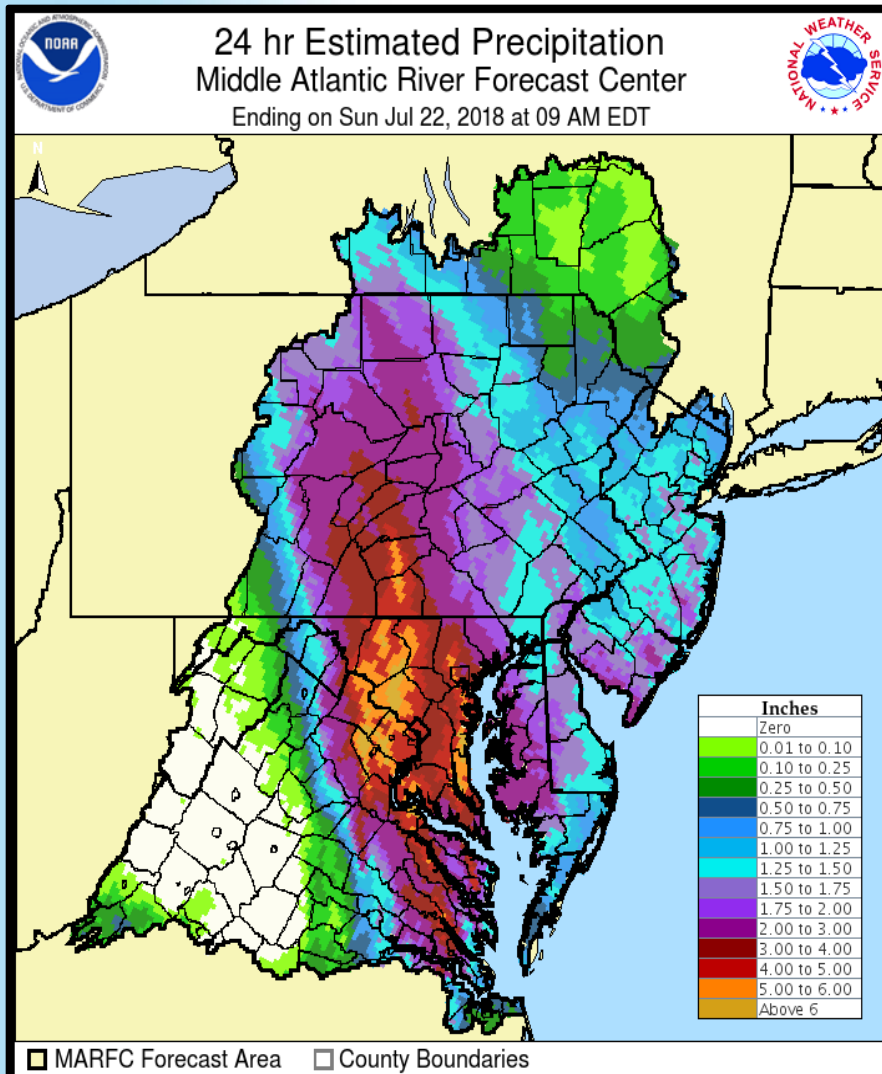
- ✓ First full briefing
- ✓ Flooding is occurring at a couple locations



# Main Points

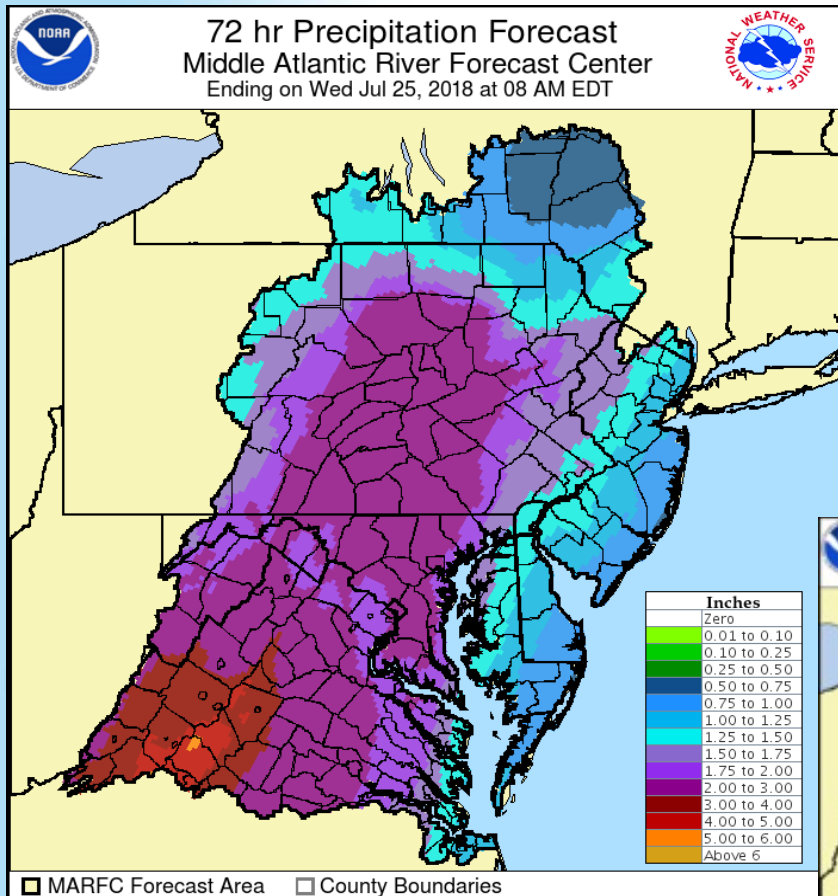
|                  |  |
|------------------|--|
| <b>HAZARD:</b>   | <b>Heavy Rain and Flooding</b>   |
| <b>IMPACTS:</b>  | Some areas of moderate flooding are expected across the region. Immediate threat of moderate flooding at Frederick, MD on the Monocacy River |
| <b>LOCATION:</b> | Highest risk area includes much of Maryland, Virginia, as well as southern Pennsylvania  |
| <b>TIMING:</b>   | Some flooding started overnight. There is a chance of heavy rain for the next several days that can result in more flooding                  |
| <b>NOTES:</b>    | Coastal and small stream flooding are expected during the next several days but that is not explicitly addressed in this briefing            |

# Observed Precipitation



- ✓ Areas of 5-6 inches of rain from Northern Virginia into southern Pennsylvania during past 24hrs
- ✓ Reports of over 9 inches have been received

# Forecast Precipitation



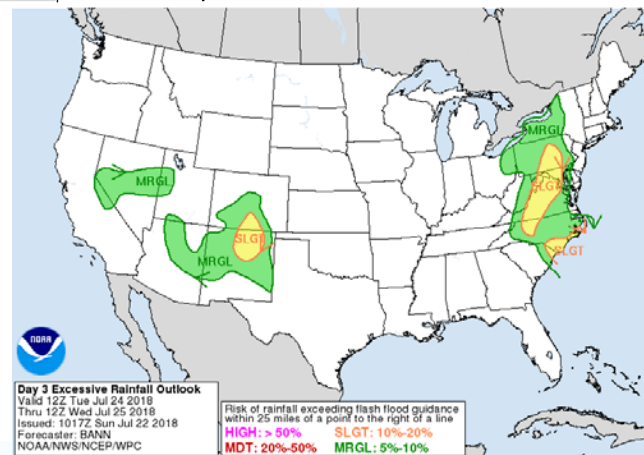
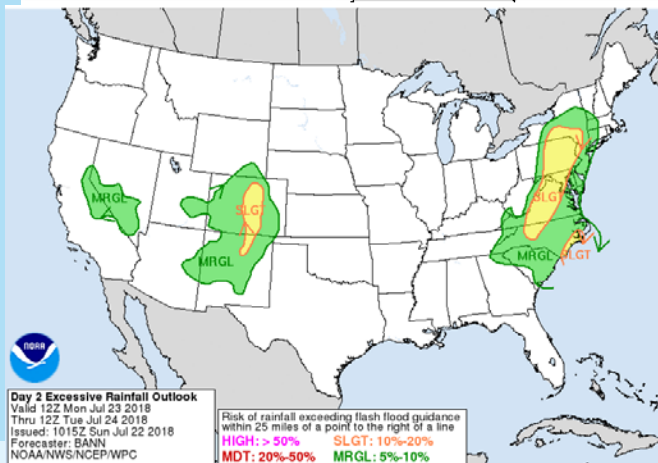
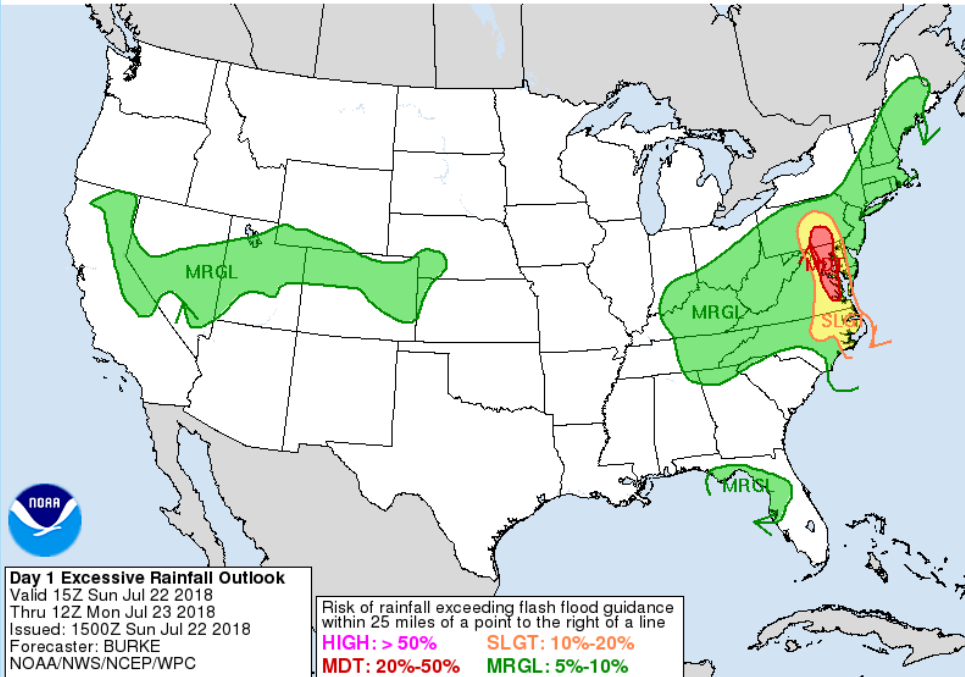
- ✓ Rain will be continuing for the next several days with widespread areas of 2-4 inches expected
- ✓ Over the next 24 hours the heaviest rain is expected from Richmond up thru Baltimore with 1.5 inches expected





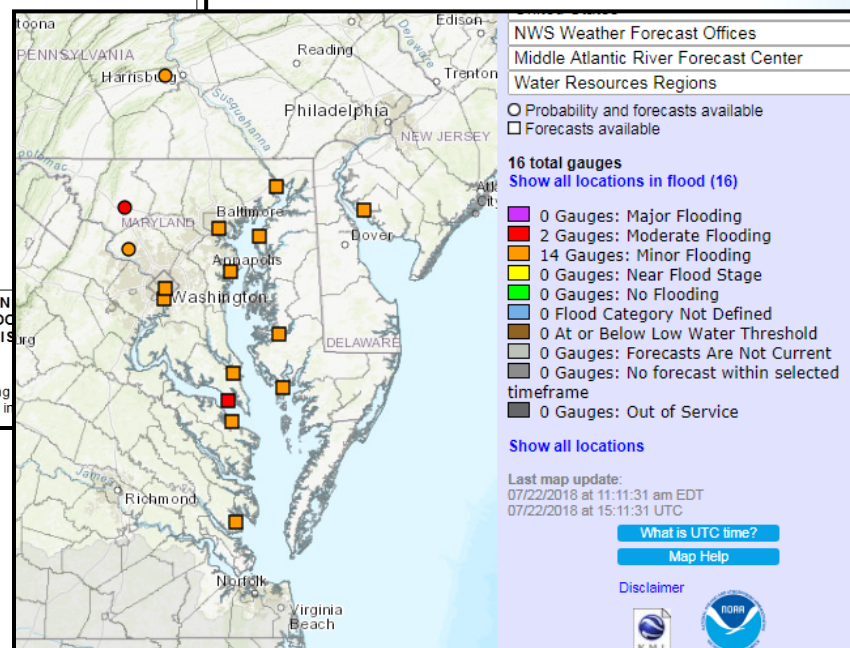
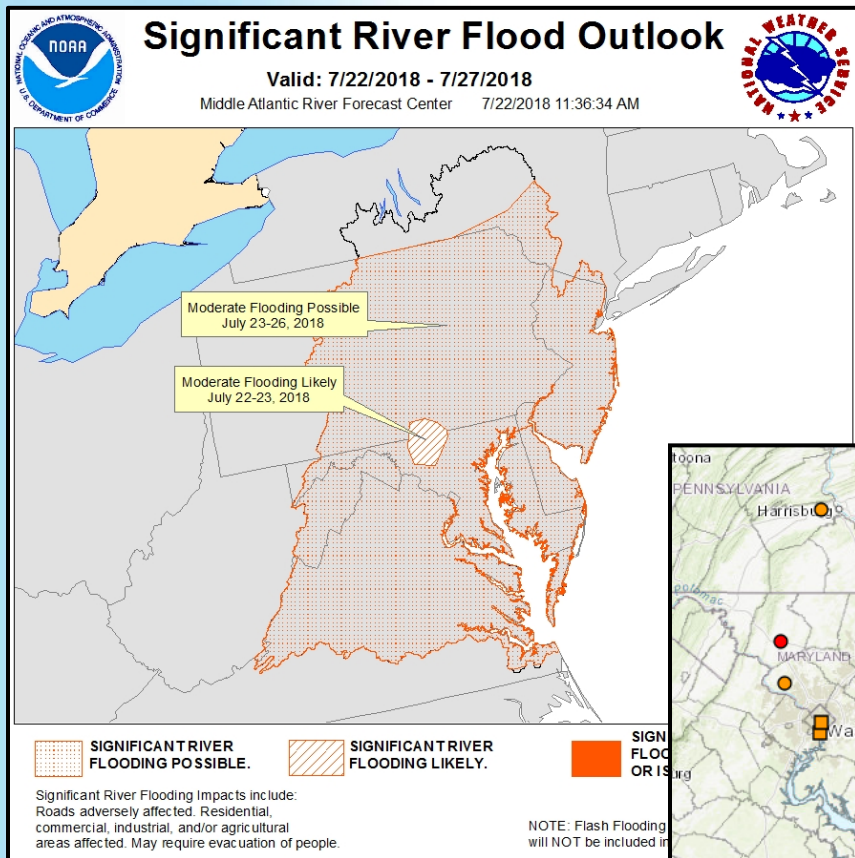
# Excessive Precipitation Outlook

- ✓ WPC Excessive Rainfall Outlook indicates moderate risk on day 1 with a continued risk the next couple of days as well across much of the Mid-Atlantic

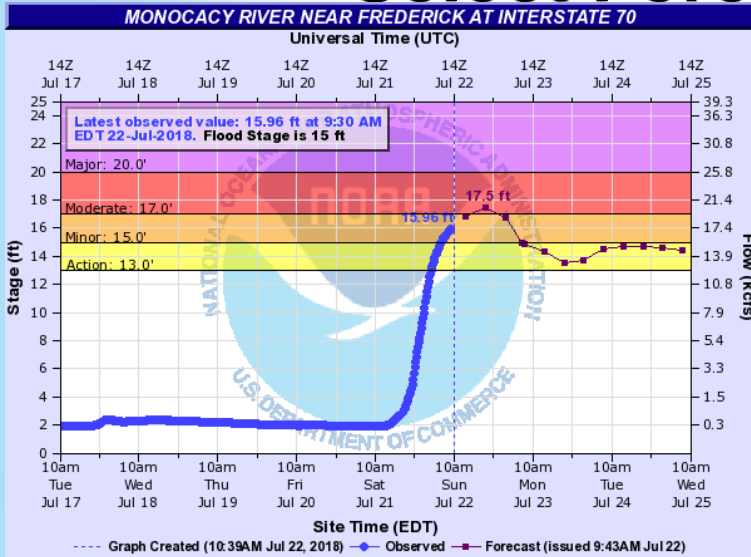


# 5 Day Flood Outlook

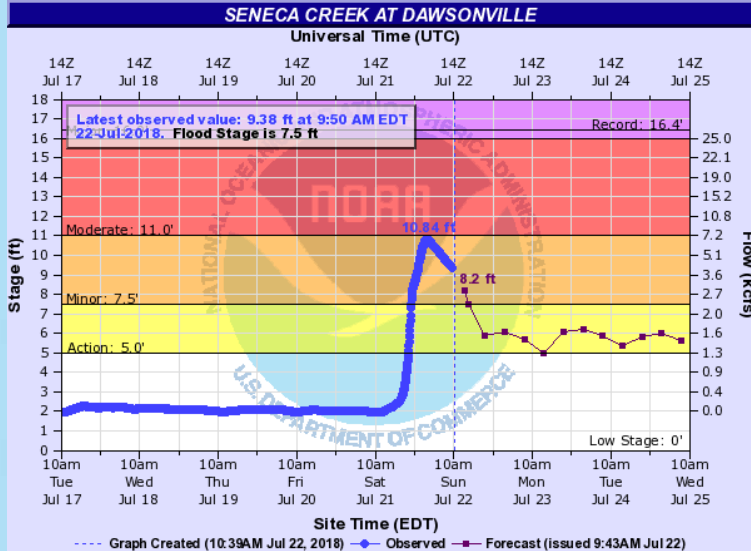
- ✓ Flooding occurring at Frederick and Dawsonville, MD
- ✓ Flooding expected this evening at Hogestown, PA
- ✓ Tidal flooding in Washington DC
- ✓ Coastal and small stream flooding likely



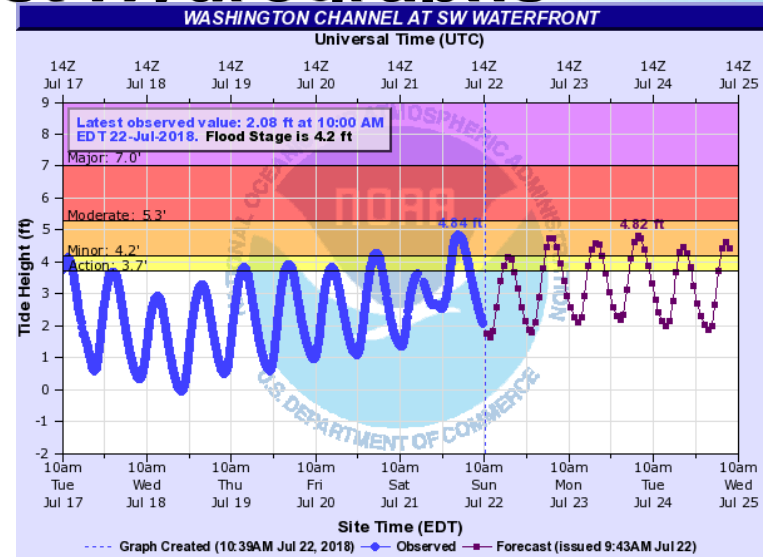
# Select Forecast Hydrographs



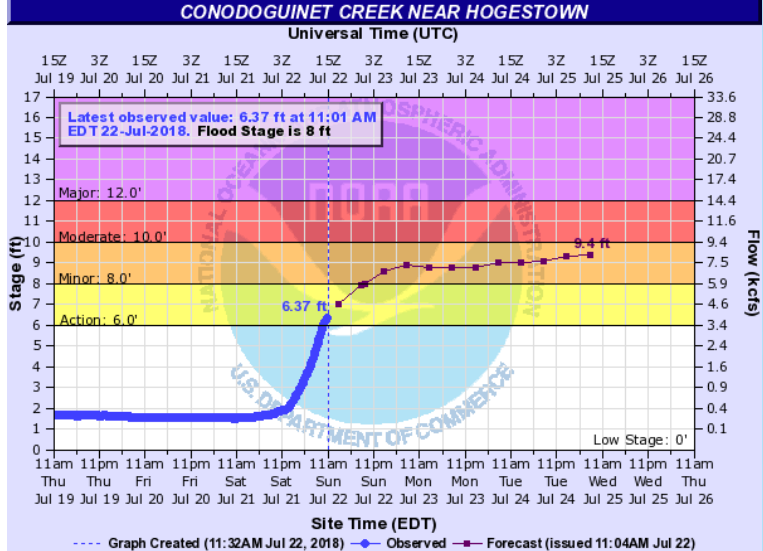
FDKM2(plotting HGIRG) "Gage 0" Datum: 231.21' Observations courtesy of US Geological Survey



DAWM2(plotting HGIRG) "Gage 0" Datum: 213.31' Observations courtesy of US Geological Survey



WASD2(plotting HMIRG) "Gage 0" Datum: 0' Observations courtesy of National Ocean Service



HGSP1(plotting HGIRG) "Gage 0" Datum: 351' Observations courtesy of US Geological Survey

# Latest Forecast Information

Information in this briefing package may change with updated forecast information. Please refer to the offices below for the latest official forecasts

| Office            | Web Page  | Social Media     |
|-------------------|---|------------------|
| Binghamton, NY    | <a href="http://weather.gov/bgm">http://weather.gov/bgm</a> | @NWSBinghamton   |
| Blacksburg, VA    | <a href="http://weather.gov/rnk">http://weather.gov/rnk</a> | @NWSBlacksburg   |
| Mount Holly, NJ   | <a href="http://weather.gov/phi">http://weather.gov/phi</a> | @NWS_MountHolly  |
| State College, PA | <a href="http://weather.gov/ctp">http://weather.gov/ctp</a> | @NWSStateCollege |
| New York City, NY | <a href="http://weather.gov/okx">http://weather.gov/okx</a> | @NWSNewYorkNY    |
| Sterling, VA      | <a href="http://weather.gov/lwx">http://weather.gov/lwx</a> | @NWS_BaltWash    |
| Wakefield, VA     | <a href="http://weather.gov.akq">http://weather.gov.akq</a> | @NWSWakefieldVA  |

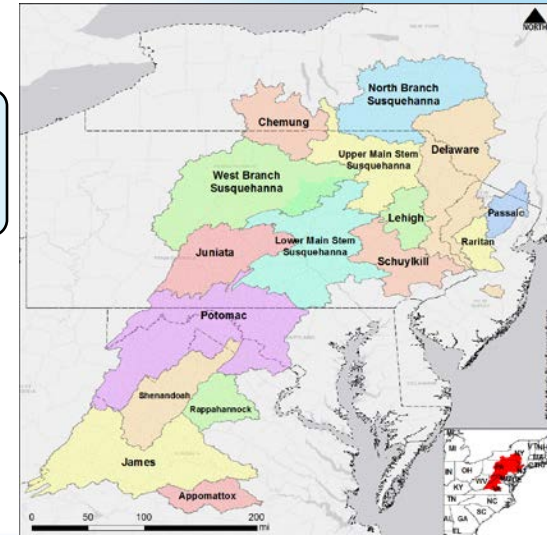
Forecasts also available on the AHPS web site: <http://water.weather.gov>  
Or the MARFC web site: <http://www.weather.gov/marfc>



# Contact and Next Briefing Information

**Next Briefing**  
*When: Noon, Monday*

**Briefing Webpage:**  
[http://www.weather.gov/marfc/self\\_briefing](http://www.weather.gov/marfc/self_briefing)



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



**E-mail:**  
[Robert.Shedd@noaa.gov](mailto:Robert.Shedd@noaa.gov)



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**Disclaimer:** *The information contained within this briefing is time-sensitive, do not use after 7am July 23*