

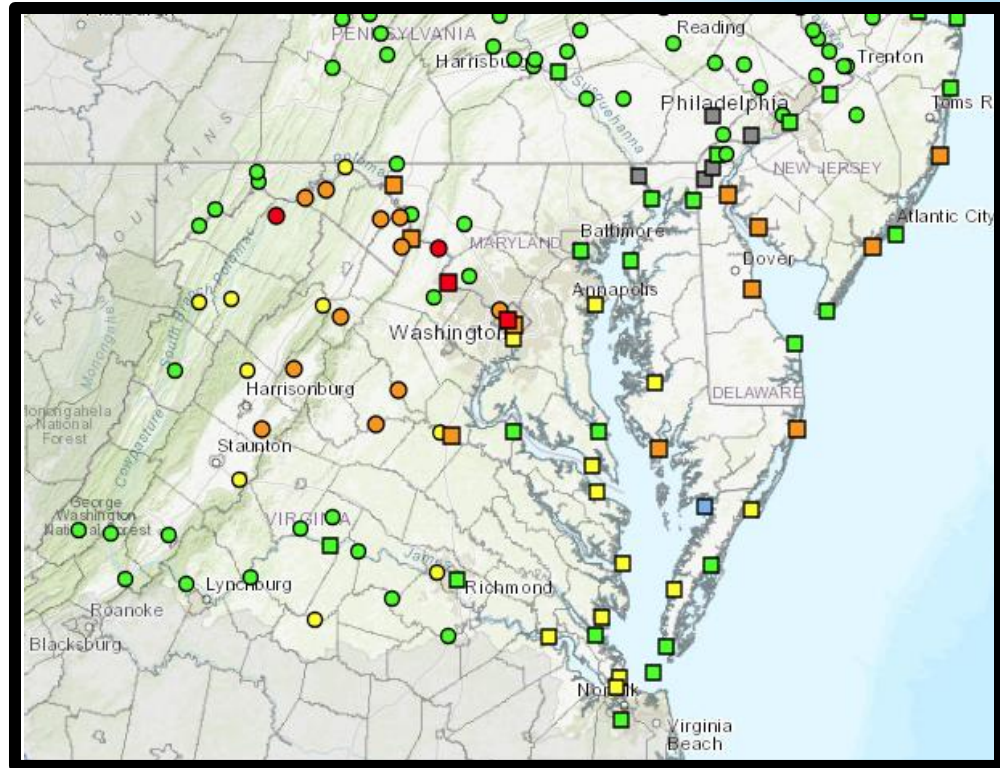
# Moderate Flooding Forecast Across Parts of the Mid-Atlantic

Decision Support Briefing #2  
As of: 1 pm, June 3, 2018



### What Has Changed?

- ✓ 4 forecasts to exceed moderate flood stage
- ✓ Multiple minor flood forecasts
- ✓ Continued heavy rain with more expected this afternoon.

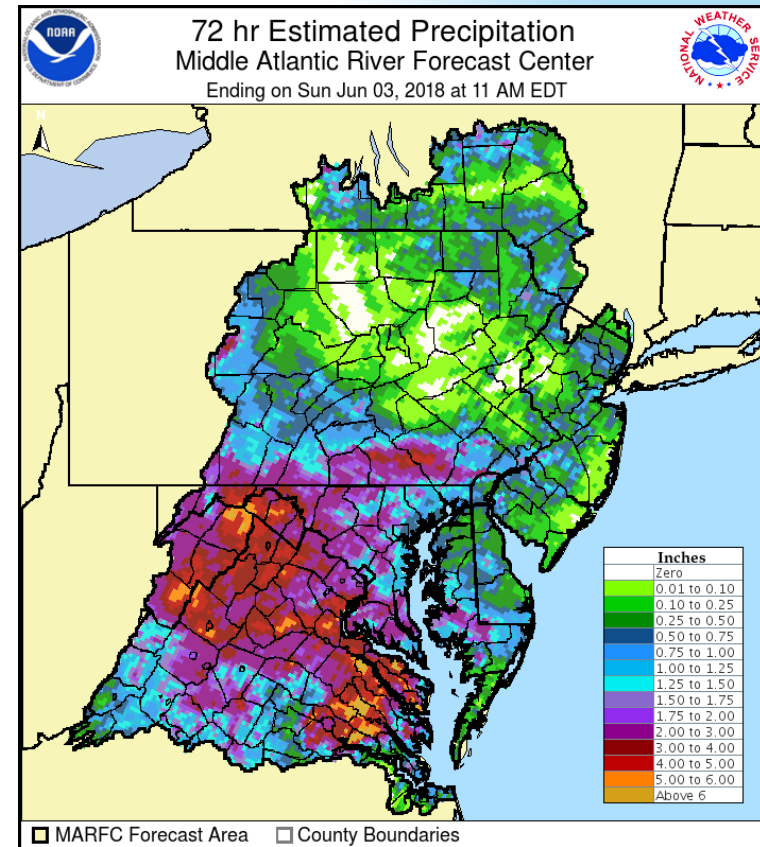
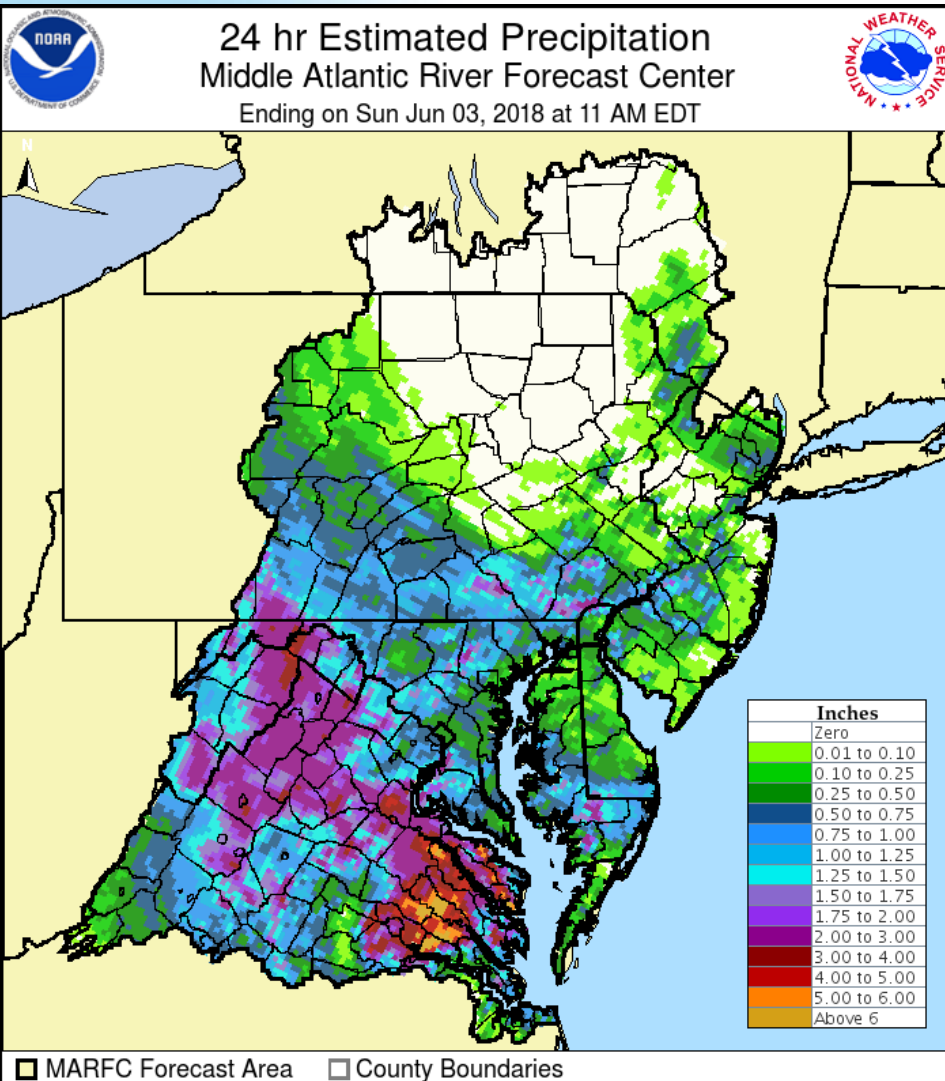


# Main Points

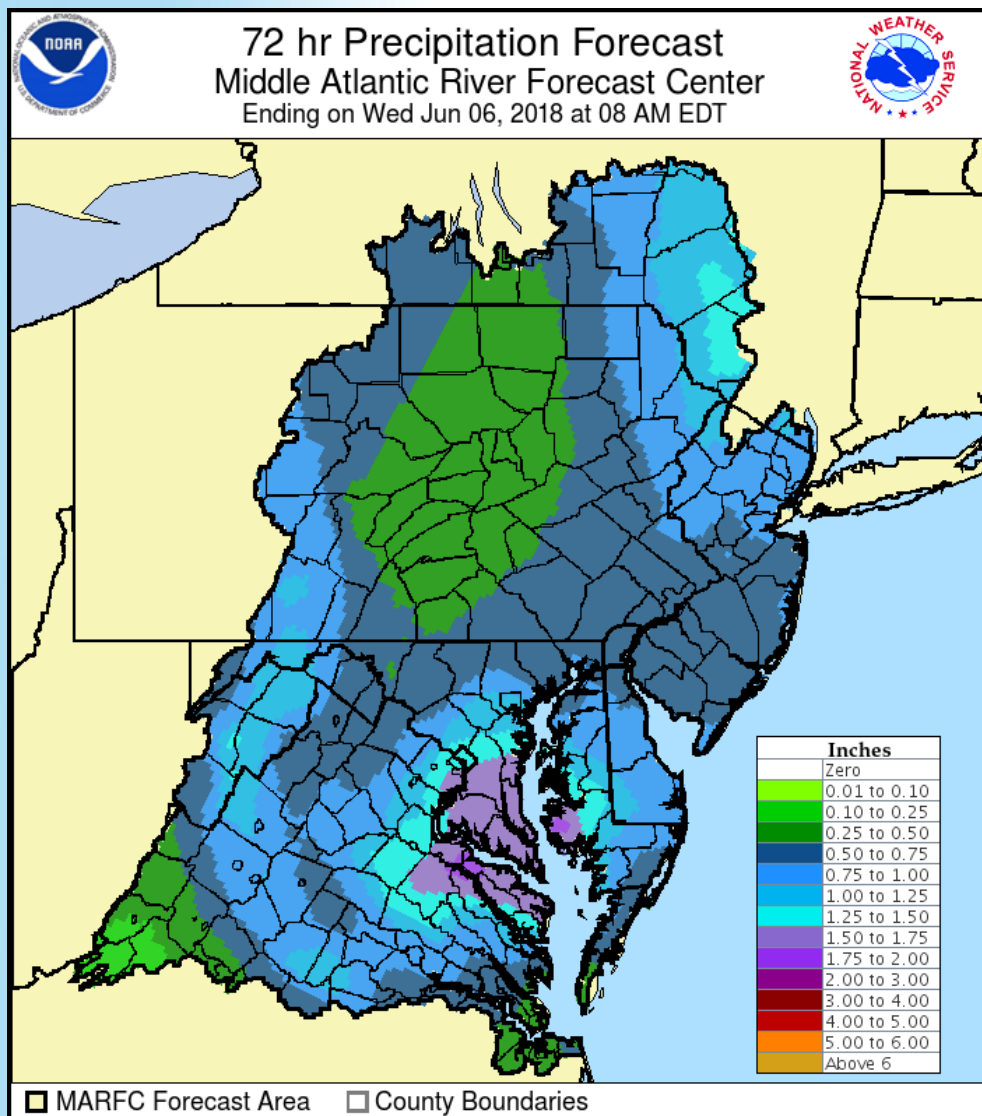
<b>HAZARD:</b>	<b>Additional heavy rain from slow moving and persistent thunderstorms</b>
<b>IMPACTS:</b>	Flash flooding and river flooding at many locations in Maryland, Virginia and West Virginia.
<b>LOCATION:</b>	Maryland, West Virginia and Virginia. Coastal flooding also in New Jersey and Delaware
<b>TIMING:</b>	Heavy rain overnight will continue into this afternoon. Some locations do not fall below flood stage until Wednesday, June 6, 2018
<b>NOTES:</b>	Parts of the Shenandoah, Potomac, and Rappahannock have had 2" to 4"+ over the past 24 hours. Areas of eastern Virginia have seen 4" to 7"+ by radar estimates.

# Observed Precipitation

- ✓ Heavy rain during the past 24 hours
- ✓ Extreme widespread rainfall in Virginia, Maryland and West Virginia.

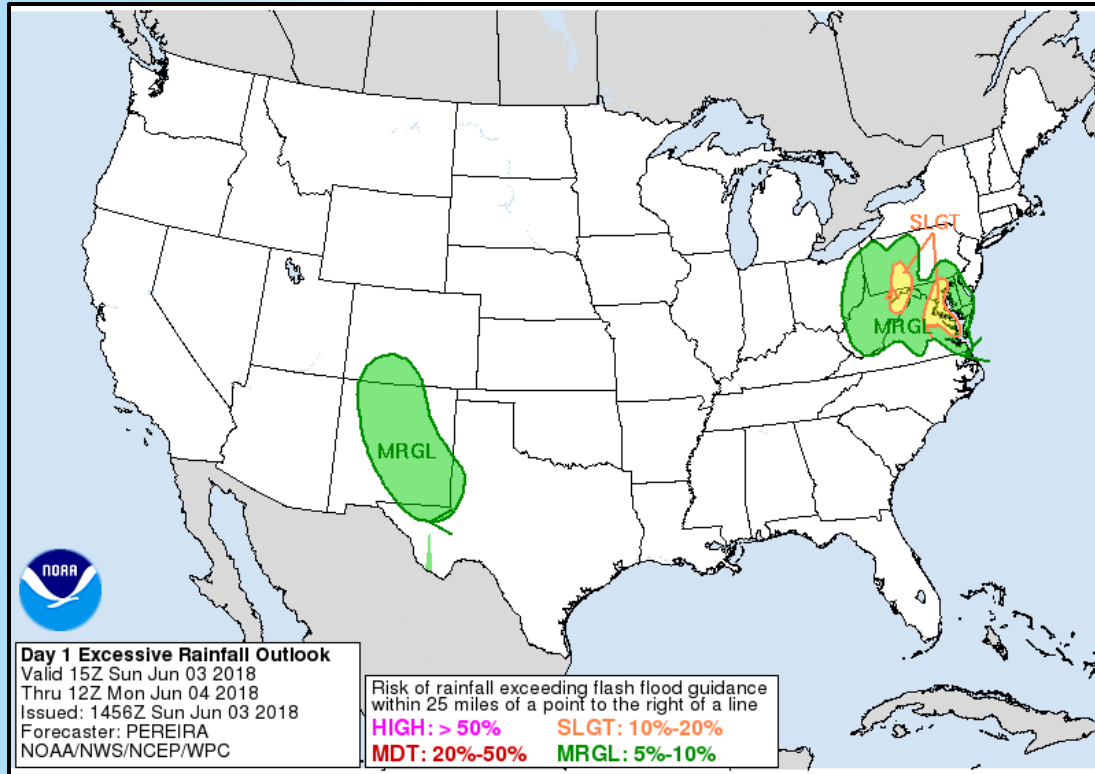


# Forecast Precipitation



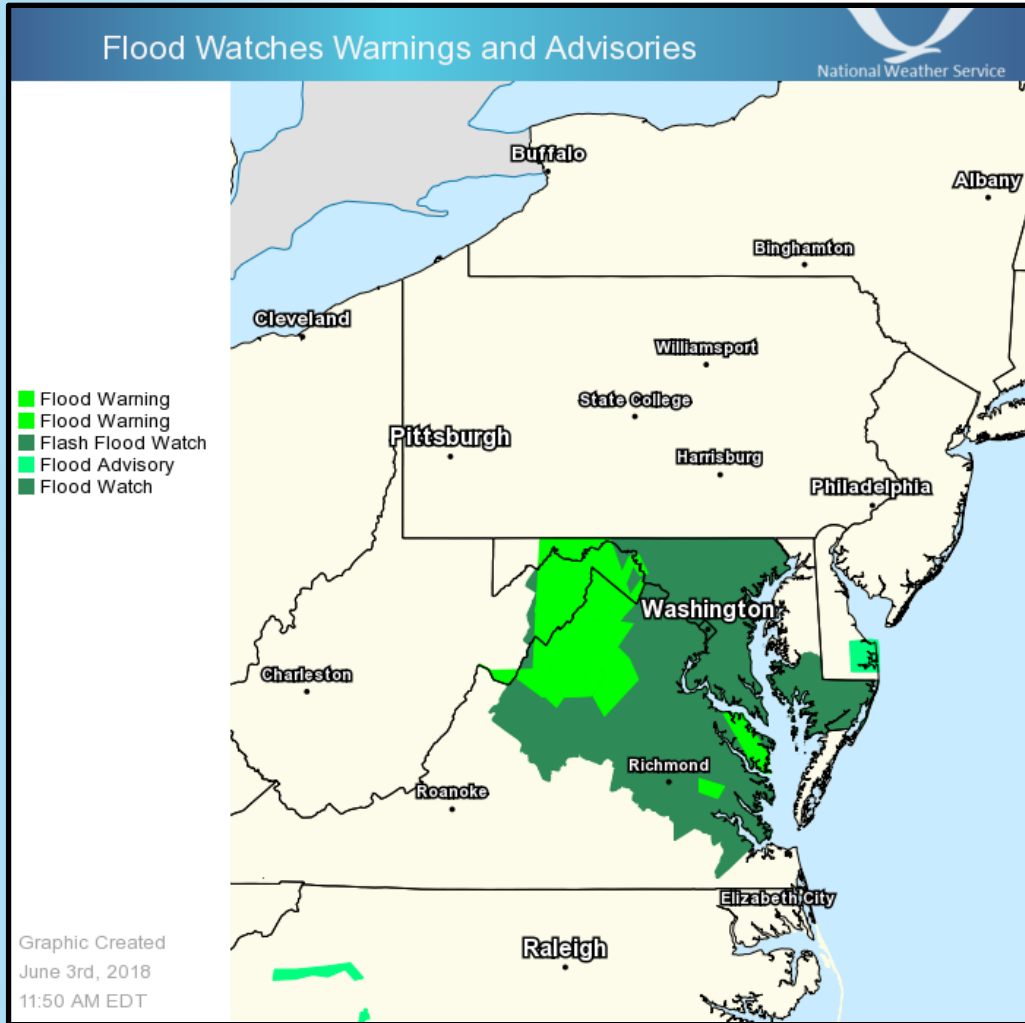
- ✓ Highest forecast amounts in Virginia and Maryland.
- ✓ Max area can see an additional 1-2" of rain (basin average).
- ✓ Higher point amounts are likely.
- ✓ The majority of this rain falls before sunrise on Monday, June 4, 2018.

# Excessive Precipitation Outlook



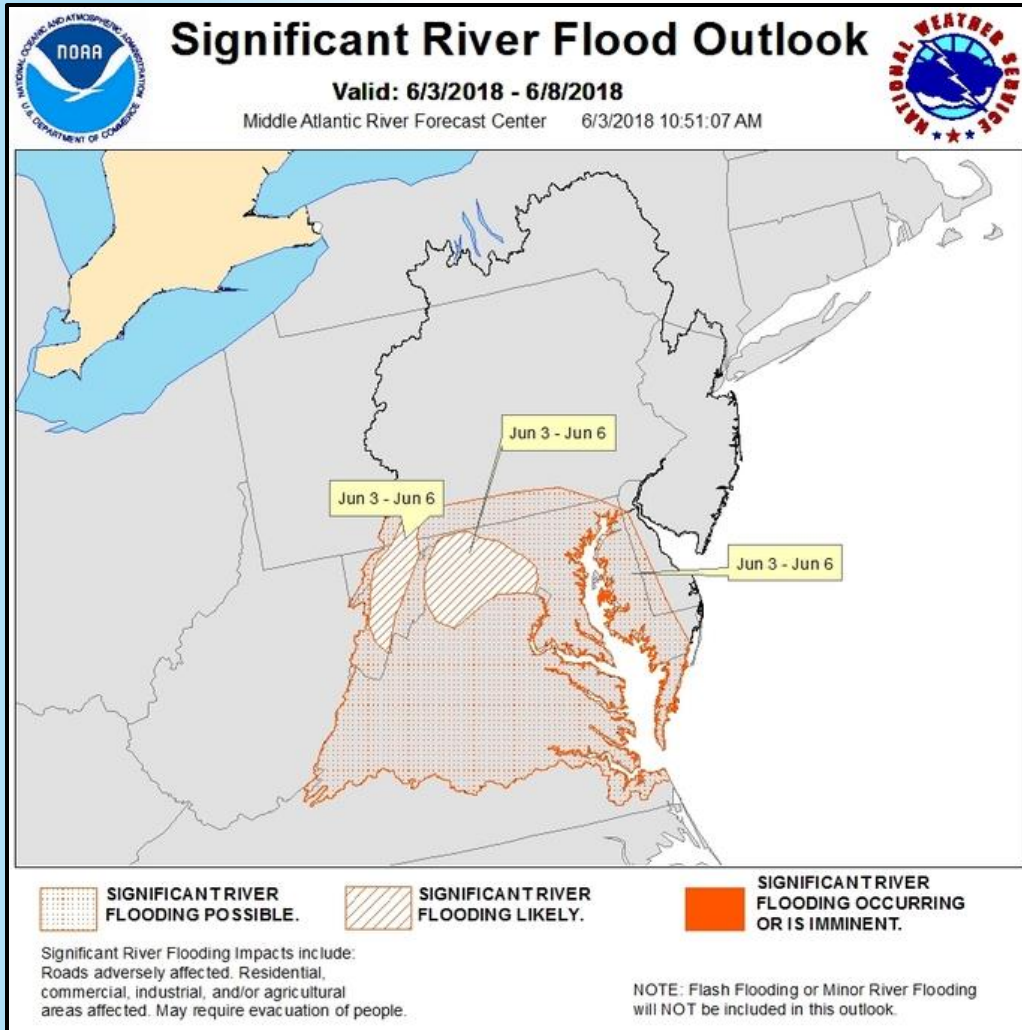
- ✓ A Slight risk of excessive rainfall over parts of Maryland, Virginia, West Virginia and Pennsylvania.

# Flood Statements



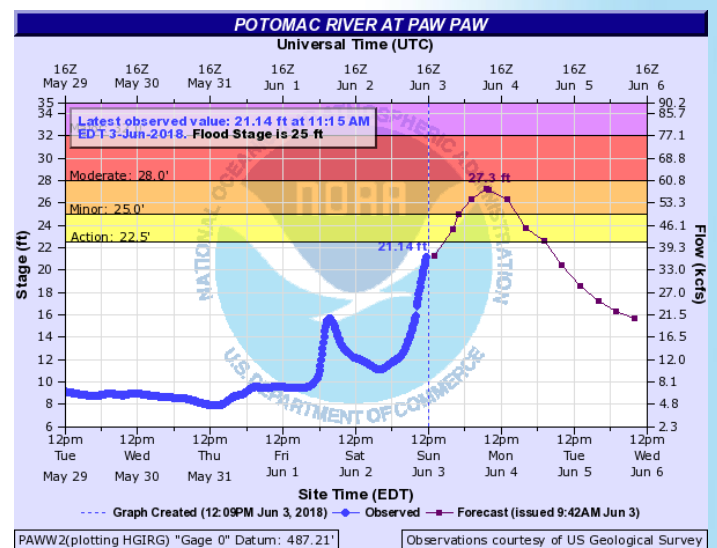
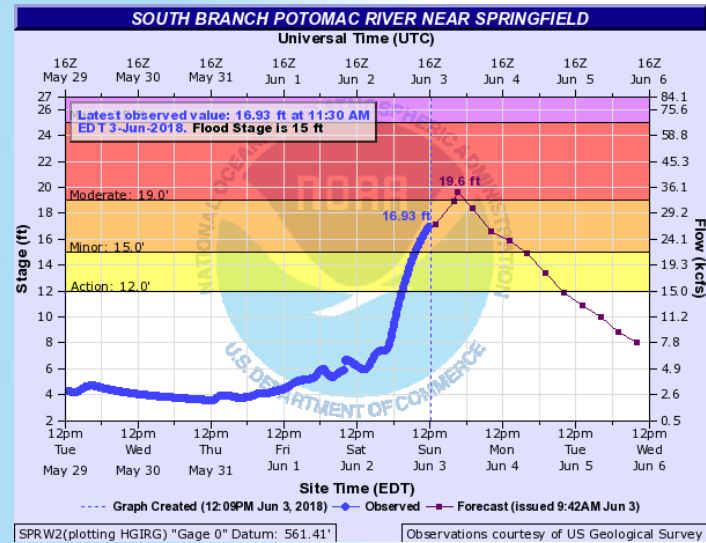
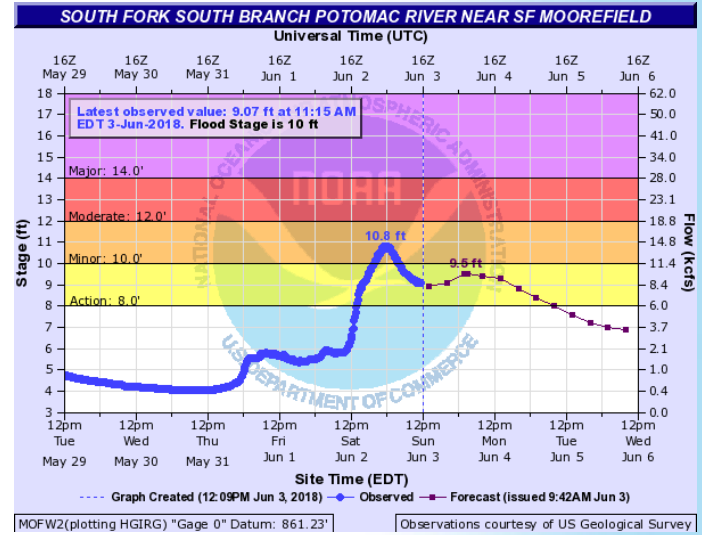
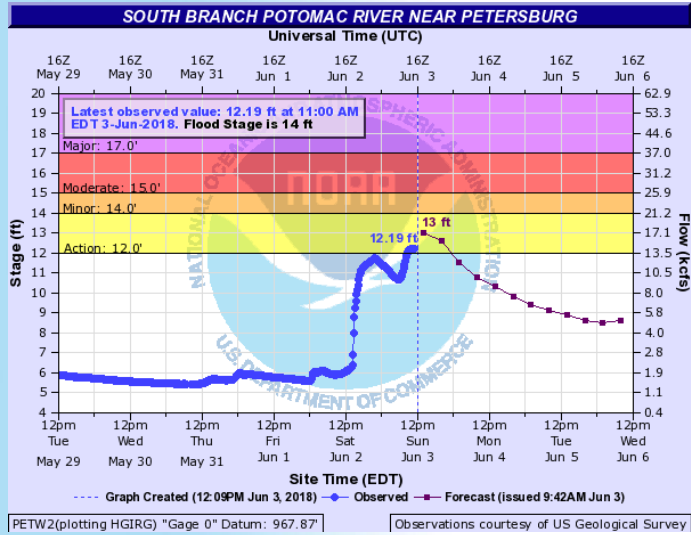
- ✓ Flood Watch has been issued for a large portion of the Mid-Atlantic basin.
- ✓ Flood Warnings are also in effect due to recent and current heavy rain.

# 5 Day Flood Outlook



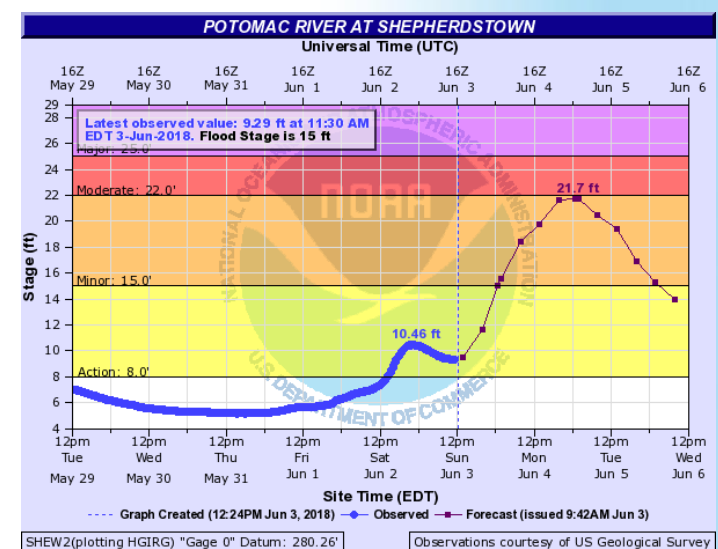
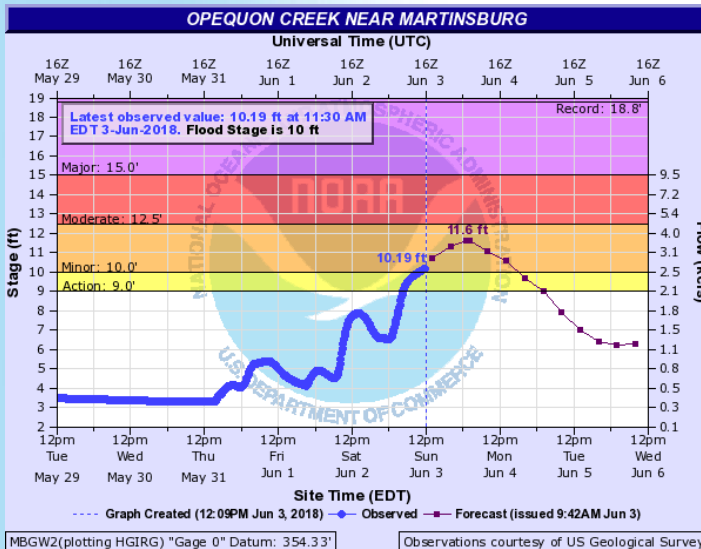
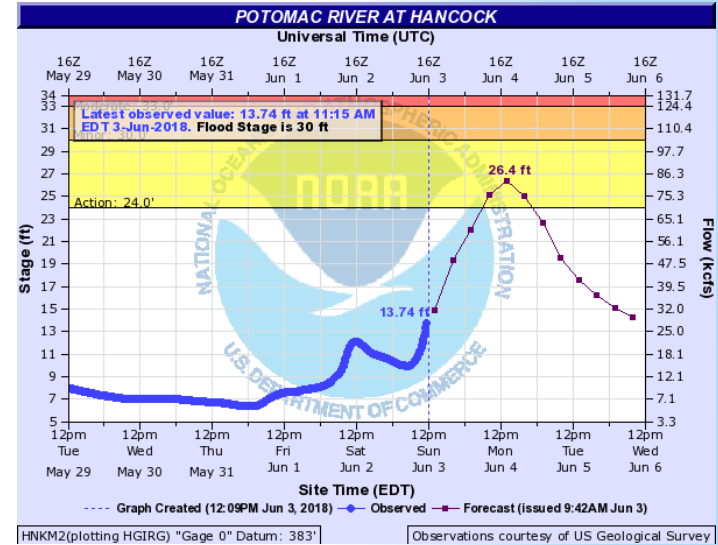
- ✓ Significant River Flooding is **\*Likely\*** over portions of the Potomac and Shenandoah Basins.
- ✓ Significant River Flooding is **\*Possible\*** over the remainder of the southern half of our basin.

# Select Forecast Hydrographs



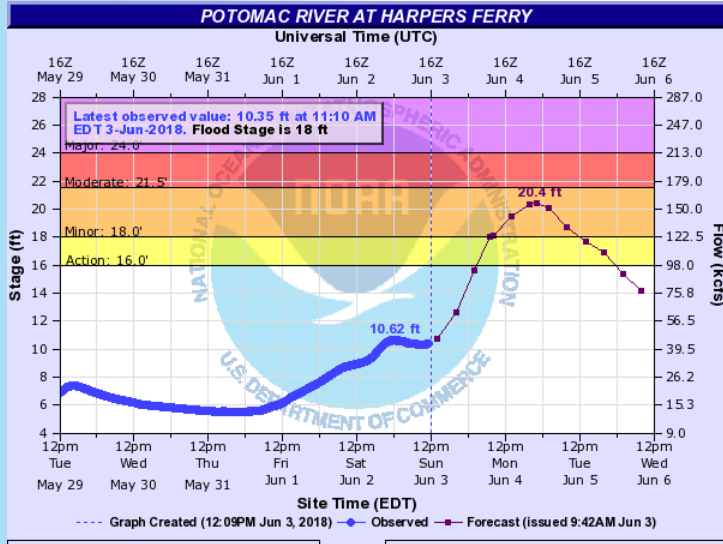


# Select Forecast Hydrographs

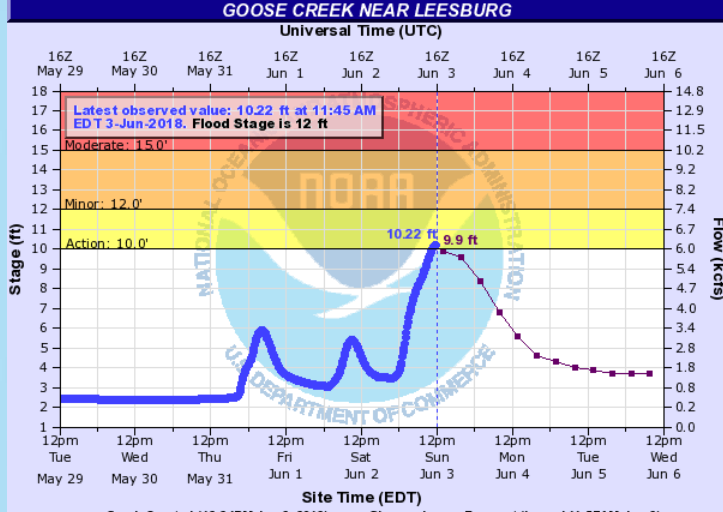




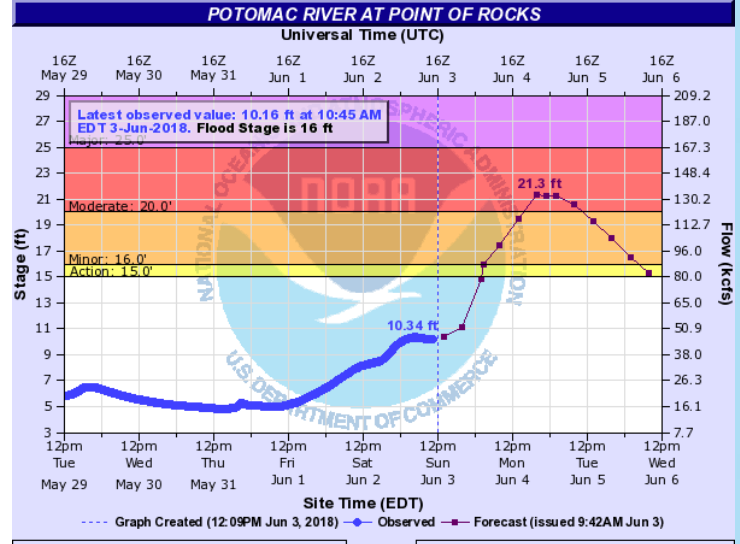
## Select Forecast Hydrographs



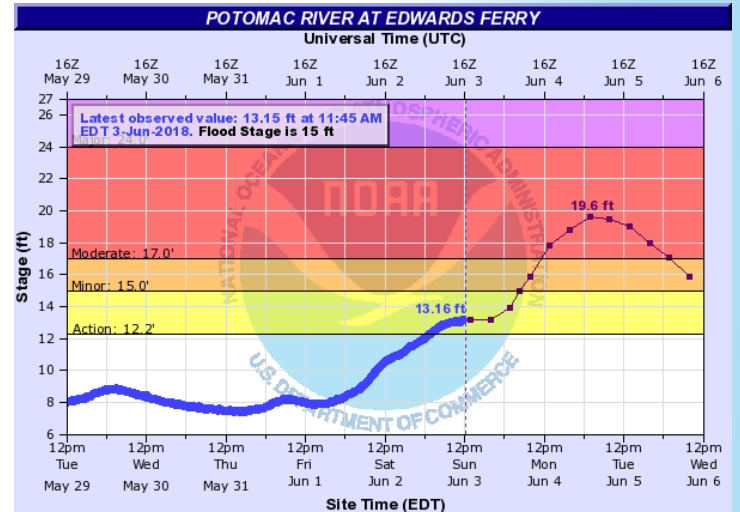
HFEW2(plotting HGIRG) "Gage 0" Datum: 252' Observations courtesy of National Weather Service



LEE2(plotting HGIRG) "Gage 0" Datum: 248.93' Observations courtesy of US Geological Survey

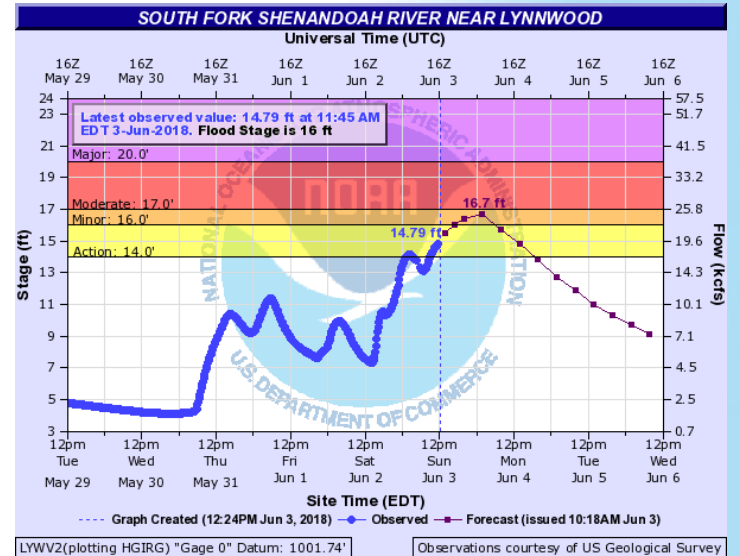
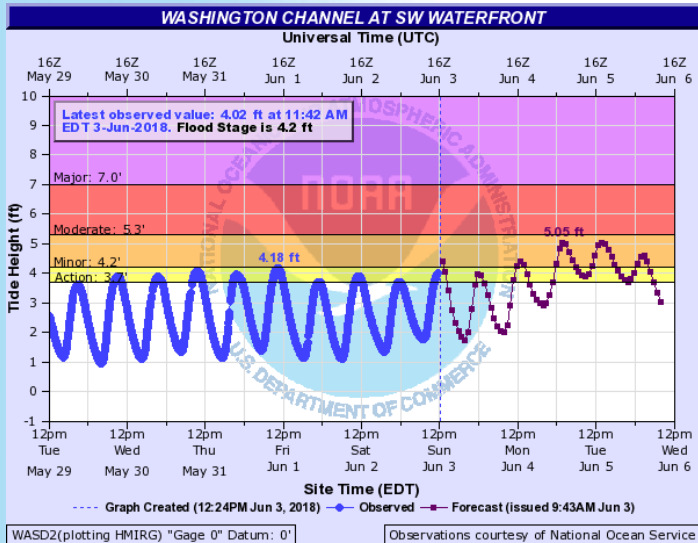
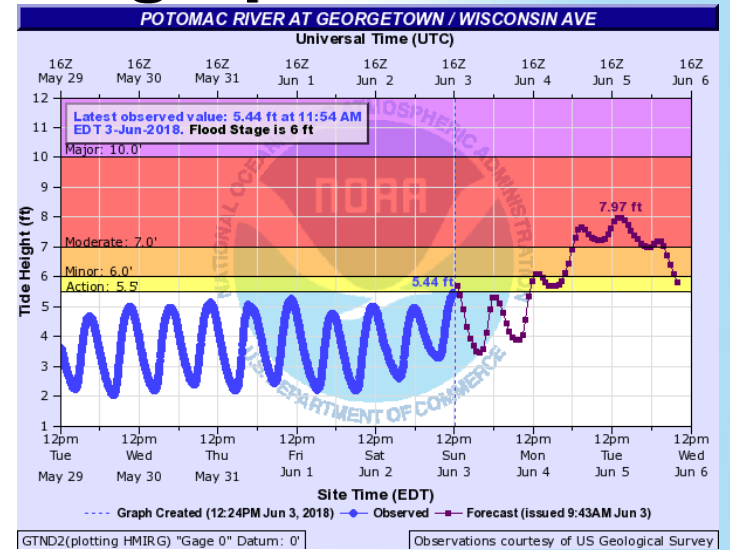
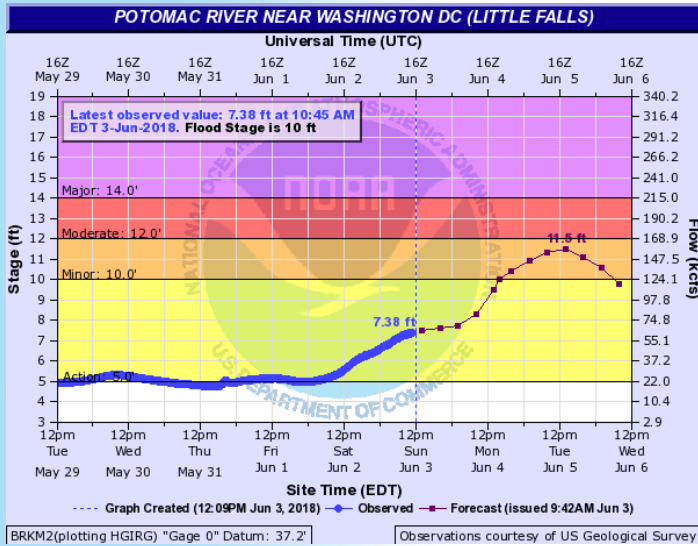


PORM2(plotting HGIRG) "Gage 0" Datum: 199.92' Observations courtesy of US Geological Survey

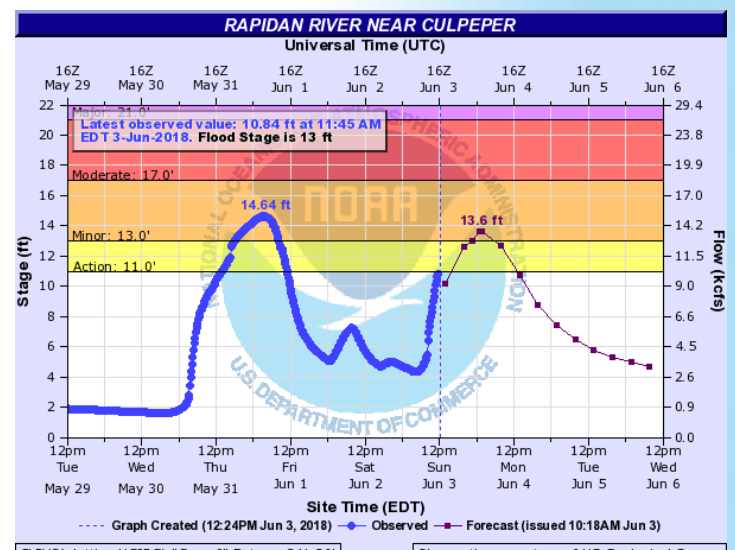
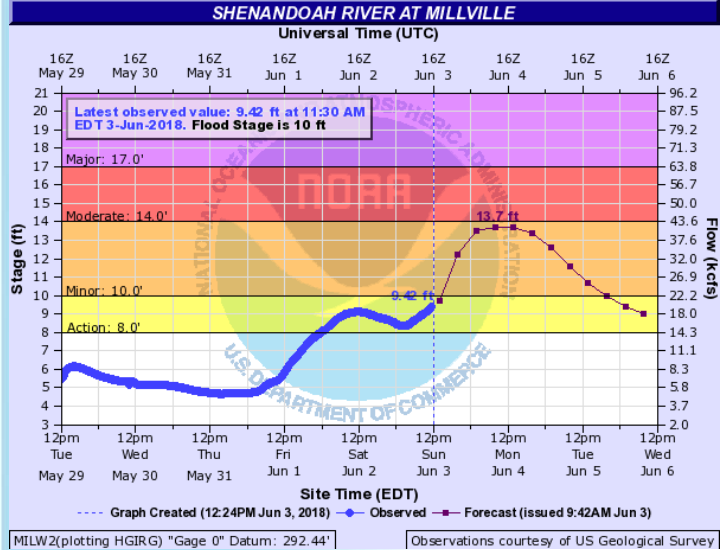
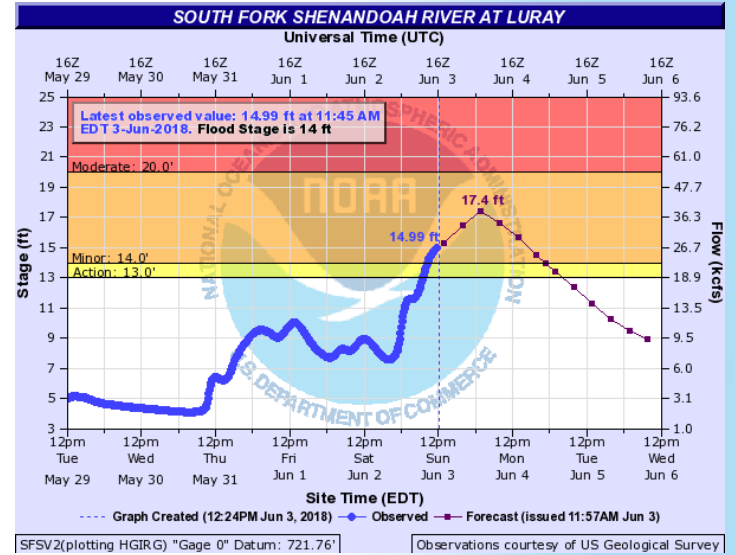
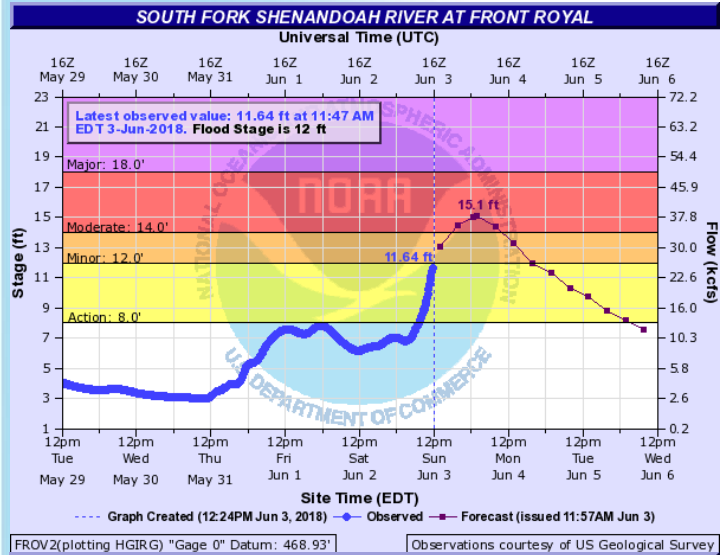


EDFM2(plotting HGIRG) "Gage 0" Datum: 178.7' Observations courtesy of US Geological Survey

## Select Forecast Hydrographs



# Select Forecast Hydrographs



## Event Summary

- ✓ **Persistent rainfall over the past few days has lead to flooding on small streams/creeks as well as flooding along major rivers in portions of West Virginia, Maryland, and Virginia.**
- ✓ **Light to Moderate rain continues to fall over Virginia, Maryland, West Virginia and Pennsylvania.**
- ✓ **Our rainfall forecast over the next 3 days shows the highest amounts likely over southern Maryland and eastern Virginia.**

# 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

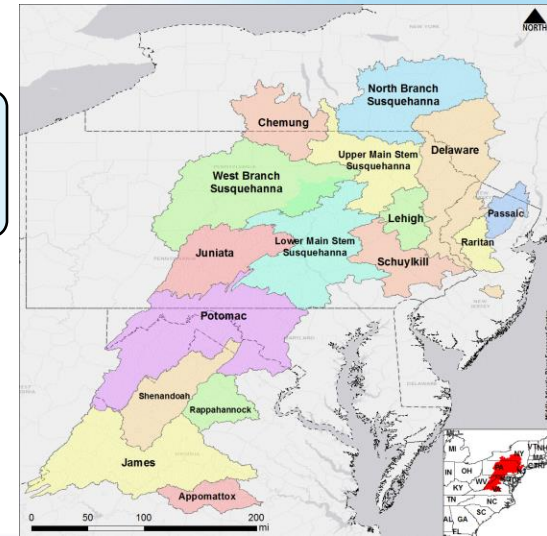
Office	Web Page	Social Media
Binghamton, NY	<a href="http://weather.gov/bgm">http://weather.gov/bgm</a>	@NWSBinghamton
Blacksburg, VA	<a href="http://weather.gov/rnk">http://weather.gov/rnk</a>	@NWSBlacksburg
Mount Holly, NJ	<a href="http://weather.gov/phi">http://weather.gov/phi</a>	@NWS_MountHolly
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: Afternoon of Monday, June 4, 2018*

**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 Monday, June 4, 2018*