

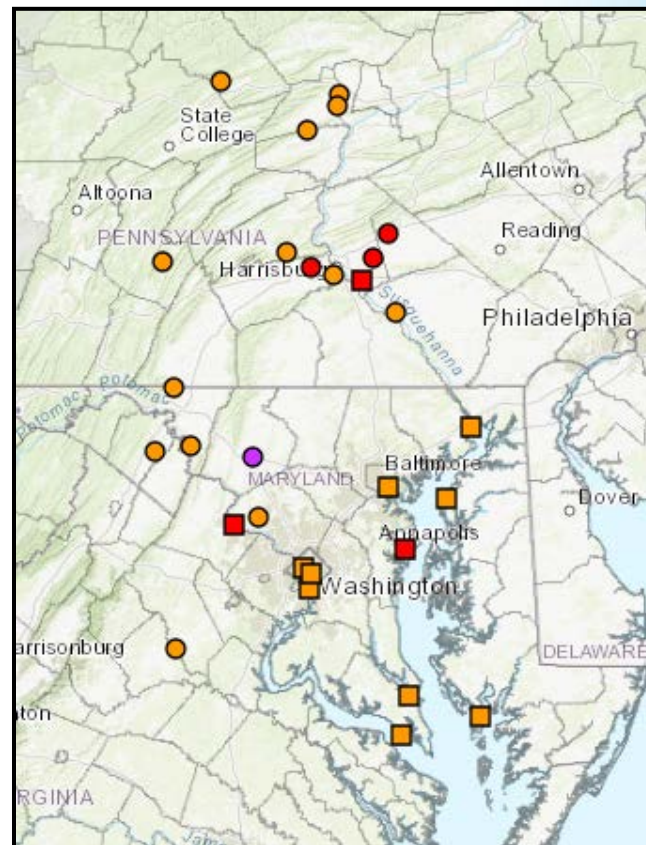
Major Flood Threat for Mid-Atlantic

Decision Support Briefing #2
As of: Noon, July 23



What Has Changed?

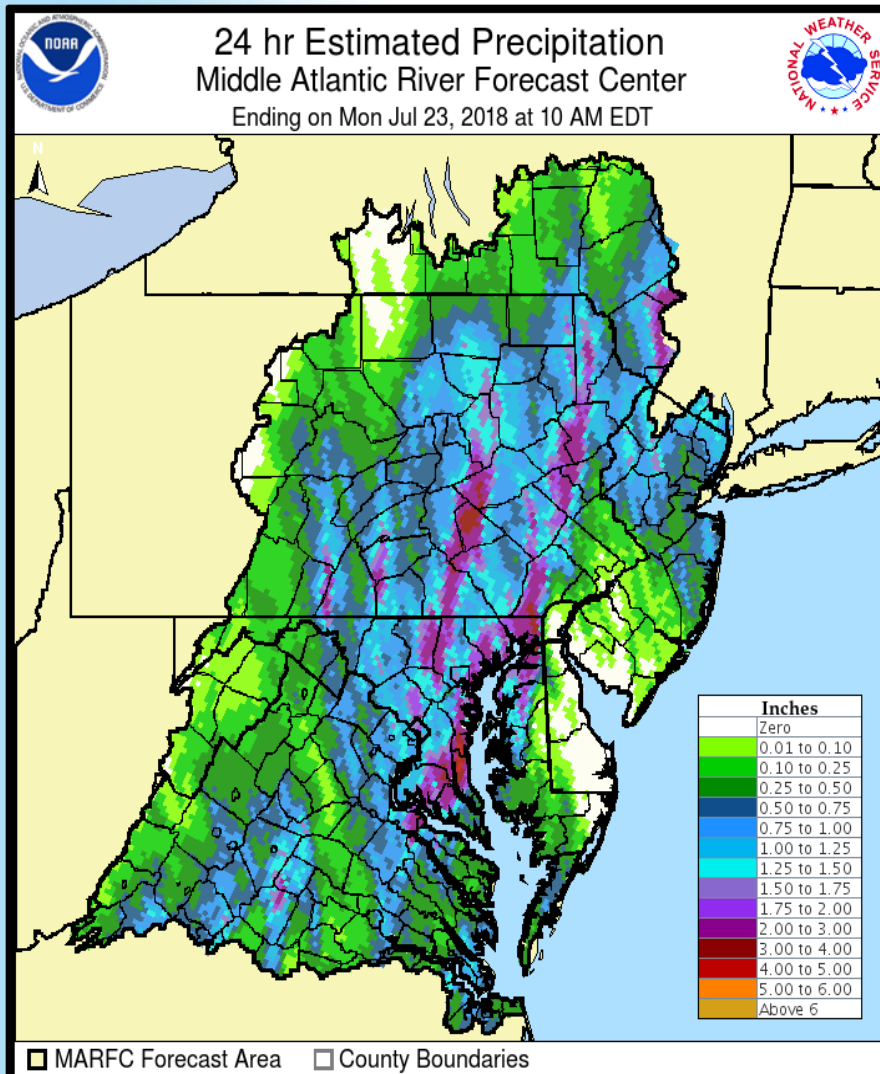
- ✓ Updated flooding locations
- ✓ Upgraded flood threat



Main Points

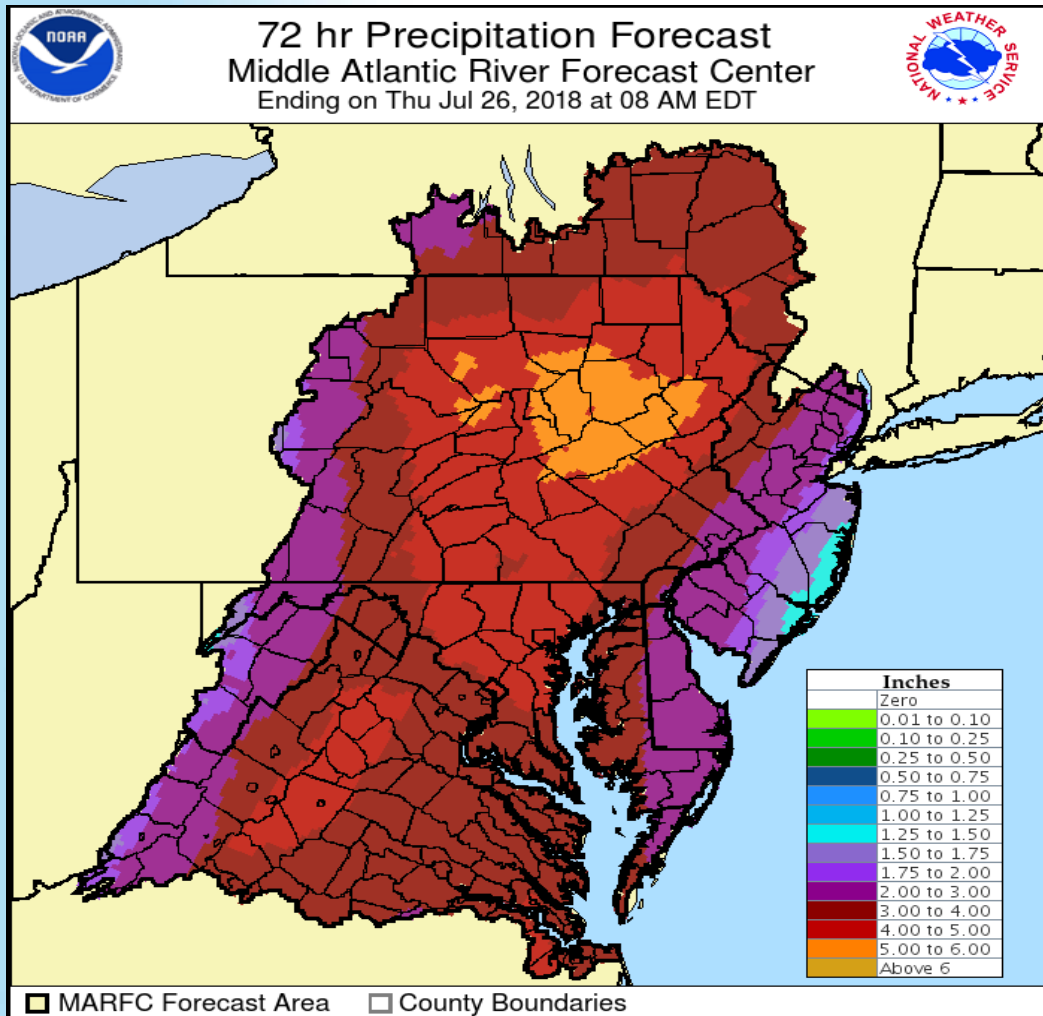
HAZARD:	Heavy Rain and River Flooding
IMPACTS:	<p>We are currently forecasting 5 river locations to moderate flooding and 1 (Frederick MD) to major. In addition, a number of other locations are forecast to minor flood. If the rain continues to develop as anticipated these impacts could increase.</p> <p>For the mainstem Susquehanna, this is potentially the most significant flooding since 2011</p>
LOCATION:	Current highest impact areas are likely from central Pennsylvania down towards Washington DC
TIMING:	Flooding is ongoing and is likely throughout the rest of this week
CONFIDENCE:	Forecasting exactly how these bands of intense rain set up is fairly low confidence this far out. This results in a challenge in accurately forecasting flood locations, levels, and timing. However it is high confidence that heavy rain and flooding will occur in select locations.
NOTES:	Coastal and small stream flooding is also likely as a result of this rain event. This briefing does not explicitly address these concerns.

Observed Precipitation



- ✓ After areas received 5-7 inches of rain on Saturday, another round of rainfall brought many areas of 2-3 inches of rain with reports of up to 5 inches in the past 24 hours

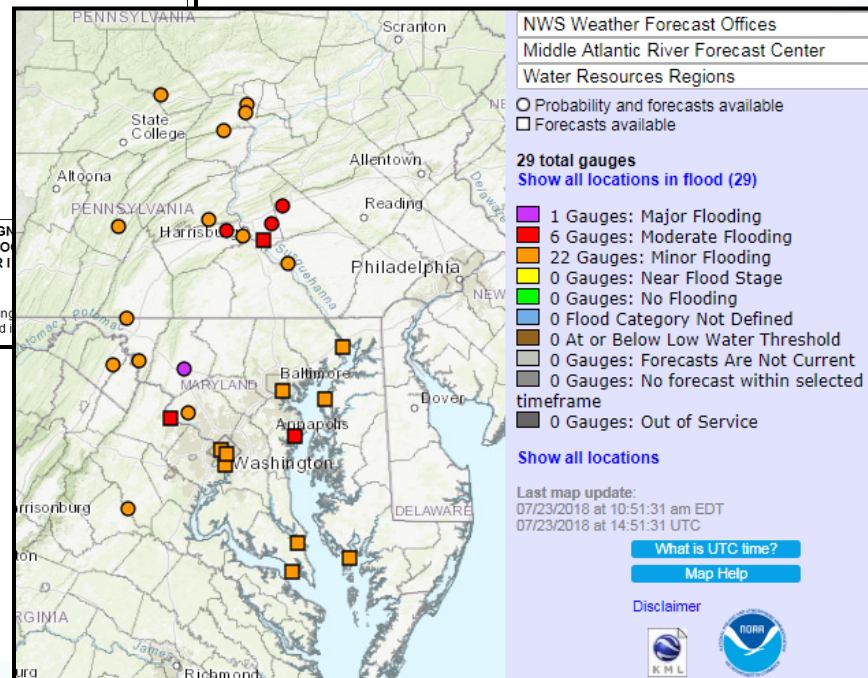
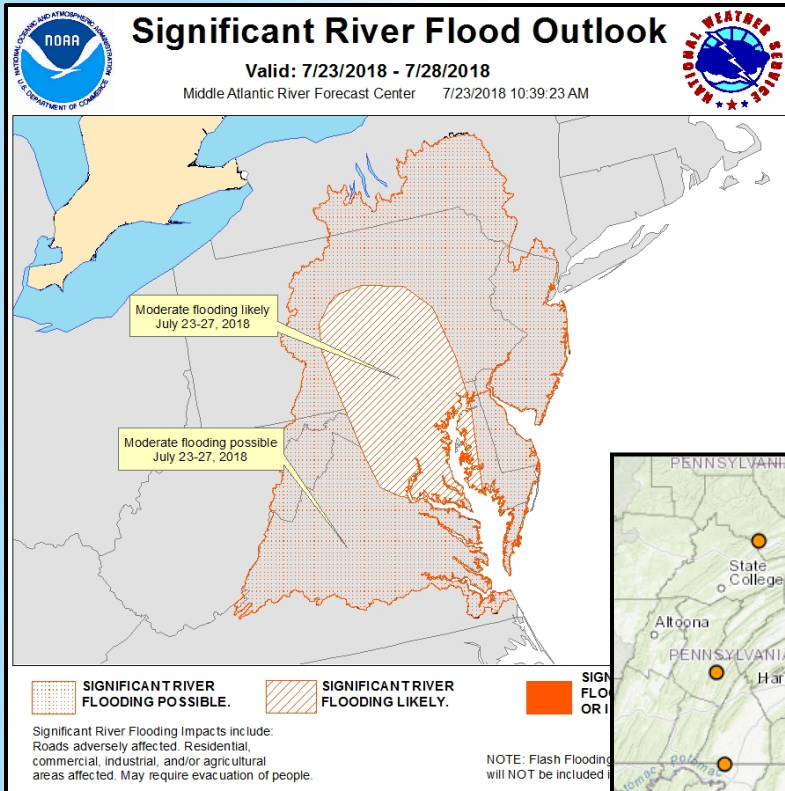
Forecast Precipitation



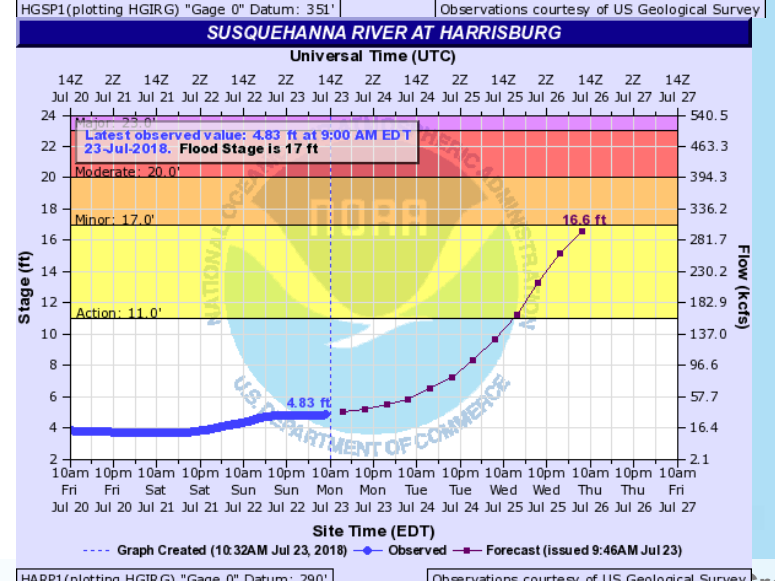
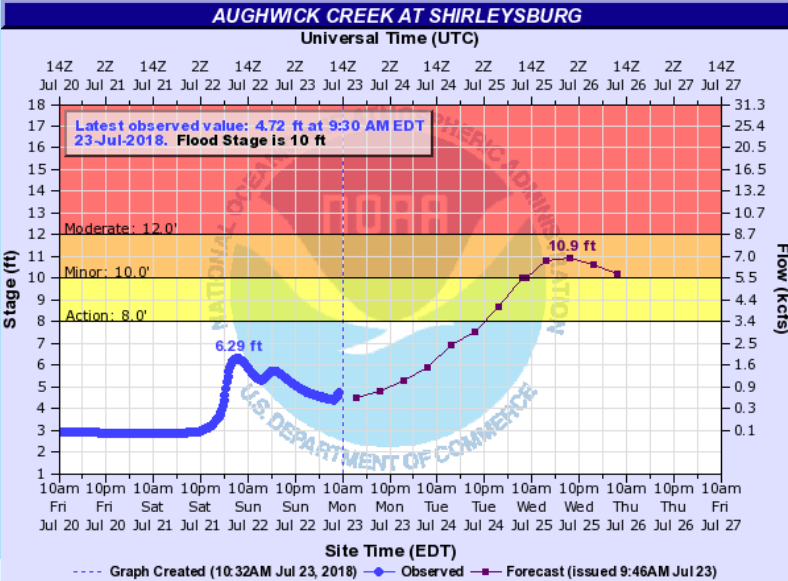
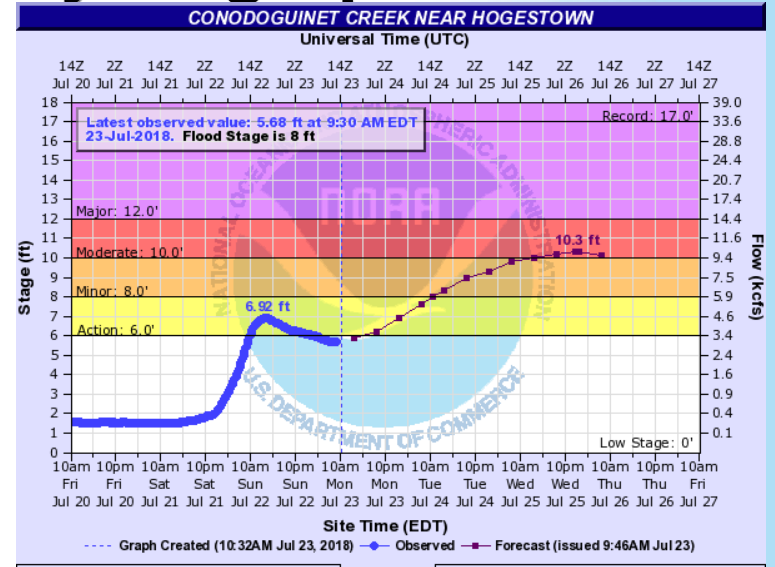
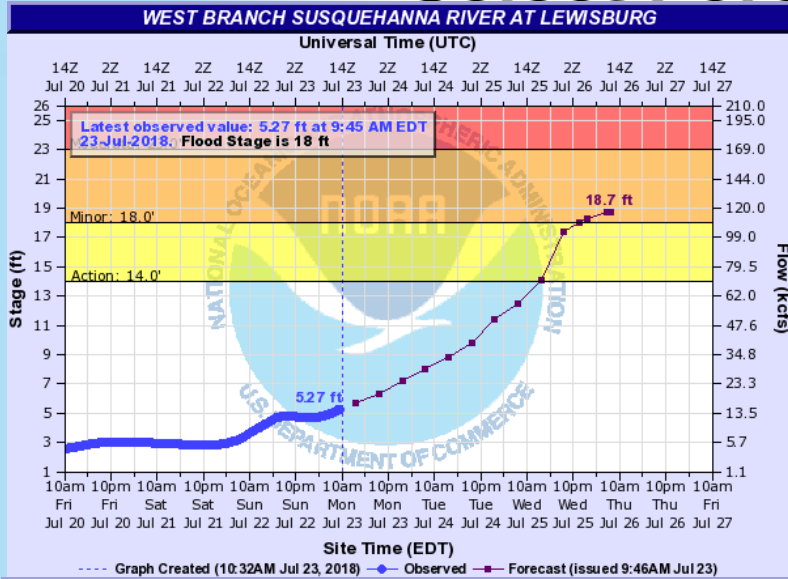
- ✓ Widespread 2-4 inches of rain expected throughout the region
- ✓ Higher amounts of 5+ inches currently forecast in parts of Pennsylvania
- ✓ Locally heavier amounts can be expected as well

5 Day Flood Outlook

- ✓ Potential for moderate to major flooding from central Pennsylvania down to Washington DC
- ✓ Many locations to minor flood
- ✓ A great deal of uncertainty on location, timing of heavy rainfall

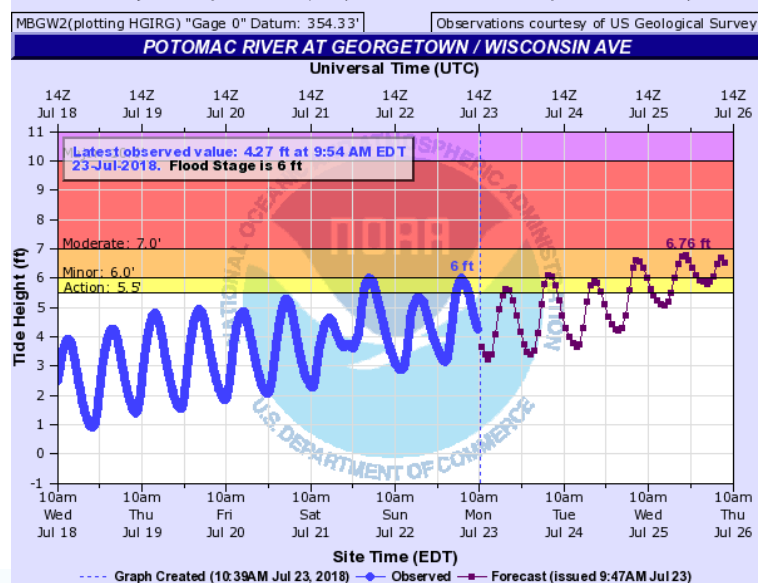
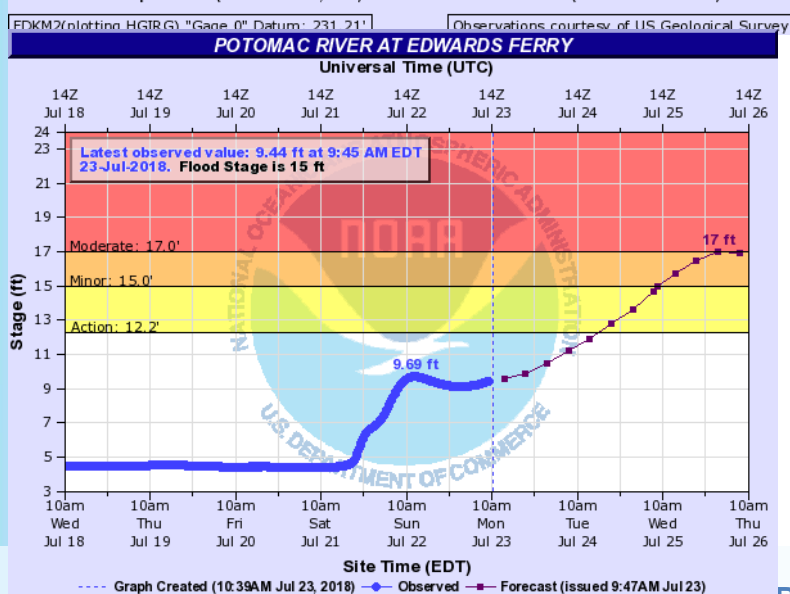
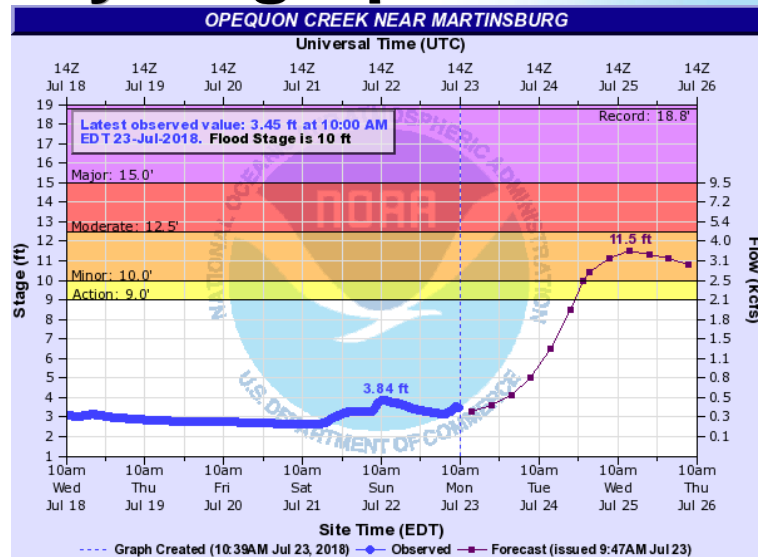
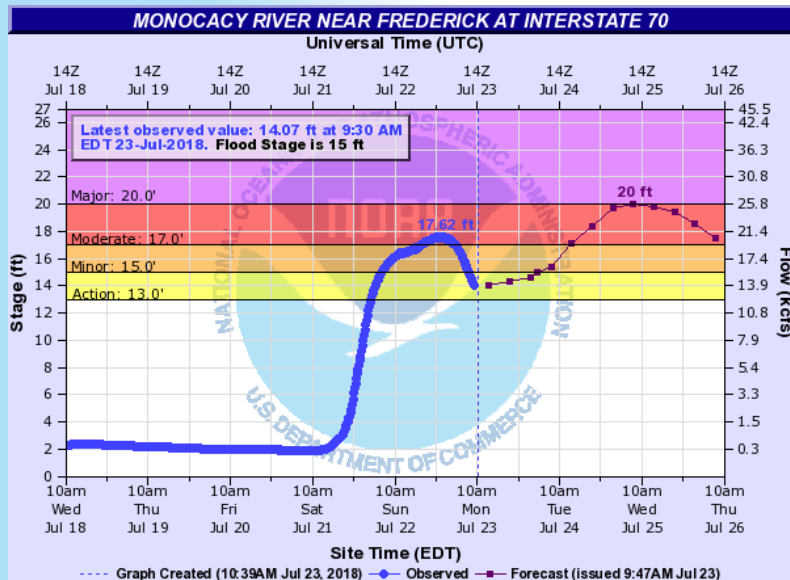


Select Forecast Hydrographs





Select Forecast Hydrographs



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

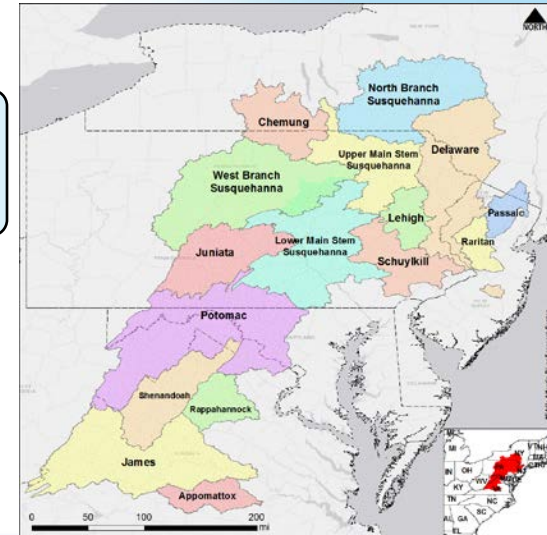
Office	Web Page	Social Media
Binghamton, NY	http://weather.gov/bgm	@NWSBinghamton
Blacksburg, VA	http://weather.gov/rnk	@NWSBlacksburg
Mount Holly, NJ	http://weather.gov/phi	@NWS_MountHolly
State College, PA	http://weather.gov/ctp	@NWSStateCollege
New York City, NY	http://weather.gov/okx	@NWSNewYorkNY
Sterling, VA	http://weather.gov/lwx	@NWS_BaltWash
Wakefield, VA	http://weather.gov.akq	@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, Tuesday, Jul 24

Briefing Webpage:
http://www.weather.gov/marfc/self_briefing



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Disclaimer: *The information contained within this briefing is time-sensitive, do not use after 7am, Tuesday, July 24*