

Minor Flooding Forecast Moderate Flooding Possible

Decision Support Briefing #1

As of 12:00pm EST, February 23, 2018

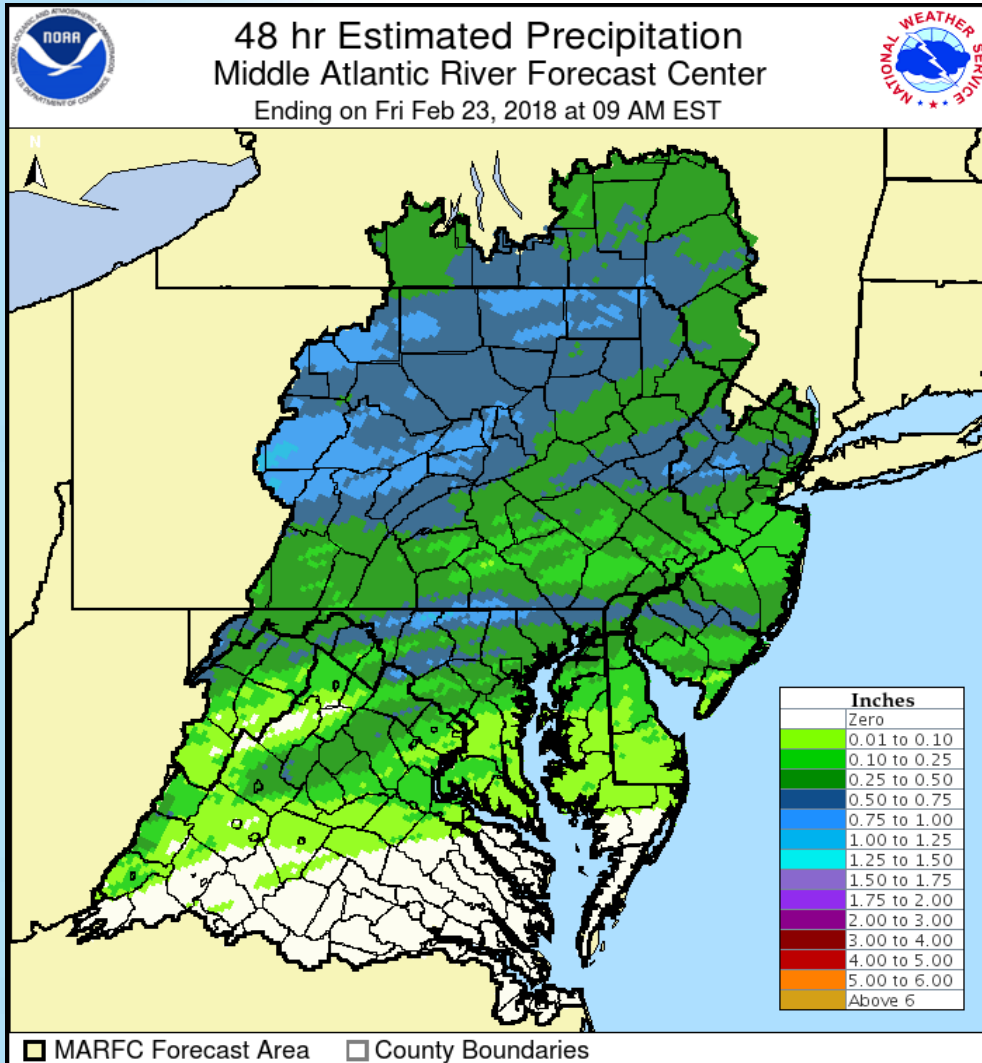


What Has Changed?

- ✓ *Confidence in minor flooding forecasts has increased*

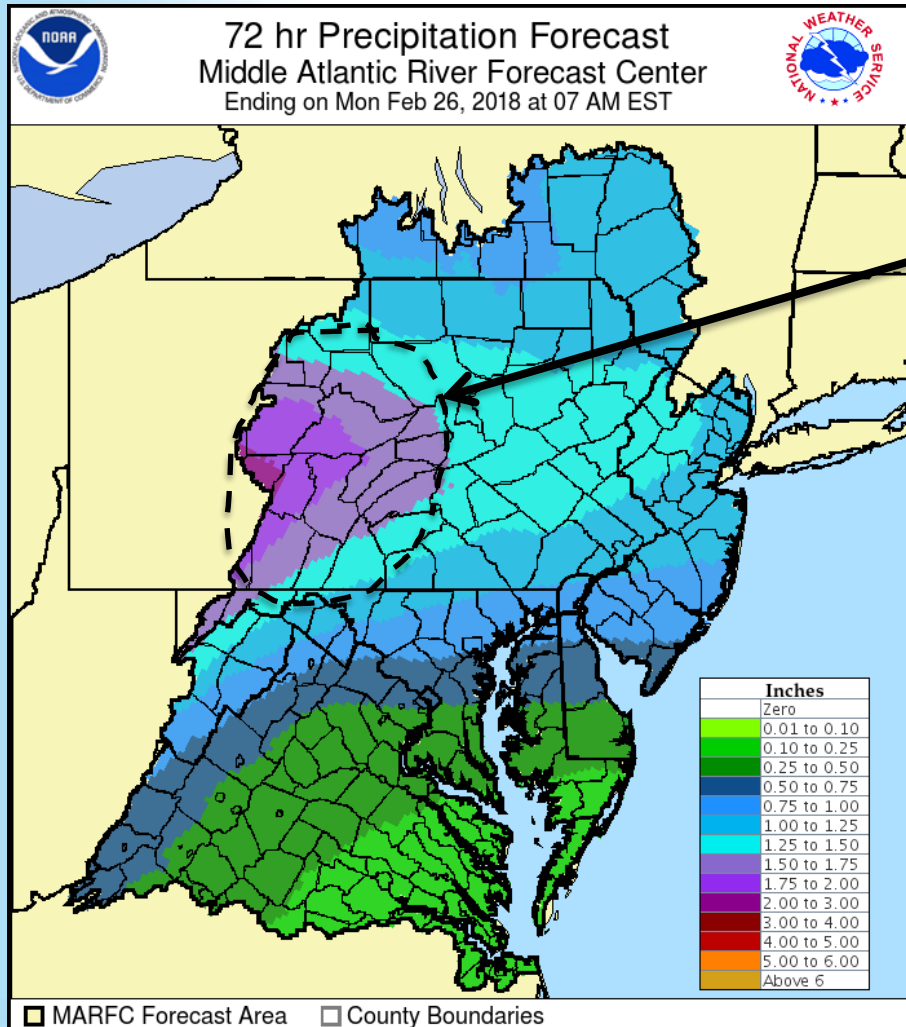
HAZARD:	Minor River Flooding Forecast/Moderate Flooding Possible
IMPACTS:	Minor flooding is forecast for two locations. Though not predicted at this time, additional forecast locations could also see minor flooding develop, depending on how the storm plays out. There is a limited chance that some locations could see moderate flooding develop before the end of the weekend, again depending on how the storm plays out.
LOCATION:	Williamsburg, PA and Beech Creek Station, PA are forecast to reach minor flooding. The Juniata Basin and West Branch of the Susquehanna have seen 0.5-1+ inches of rain in the past 48 hours and an additional 1.5-2+ inches is expected through Sunday.
TIMING:	Rain will continue through today, taper off some on Saturday, but heavier rain is expected to return Saturday evening into Sunday. Flooding is most like to occur Sunday morning into Monday.
CONFIDENCE:	Medium for minor flooding. Low for moderate flooding.
NOTES:	This briefing primarily covers river flooding. There is an additional risk of small stream flooding as well as urban and other poor drainage flooding.

Observed Precipitation



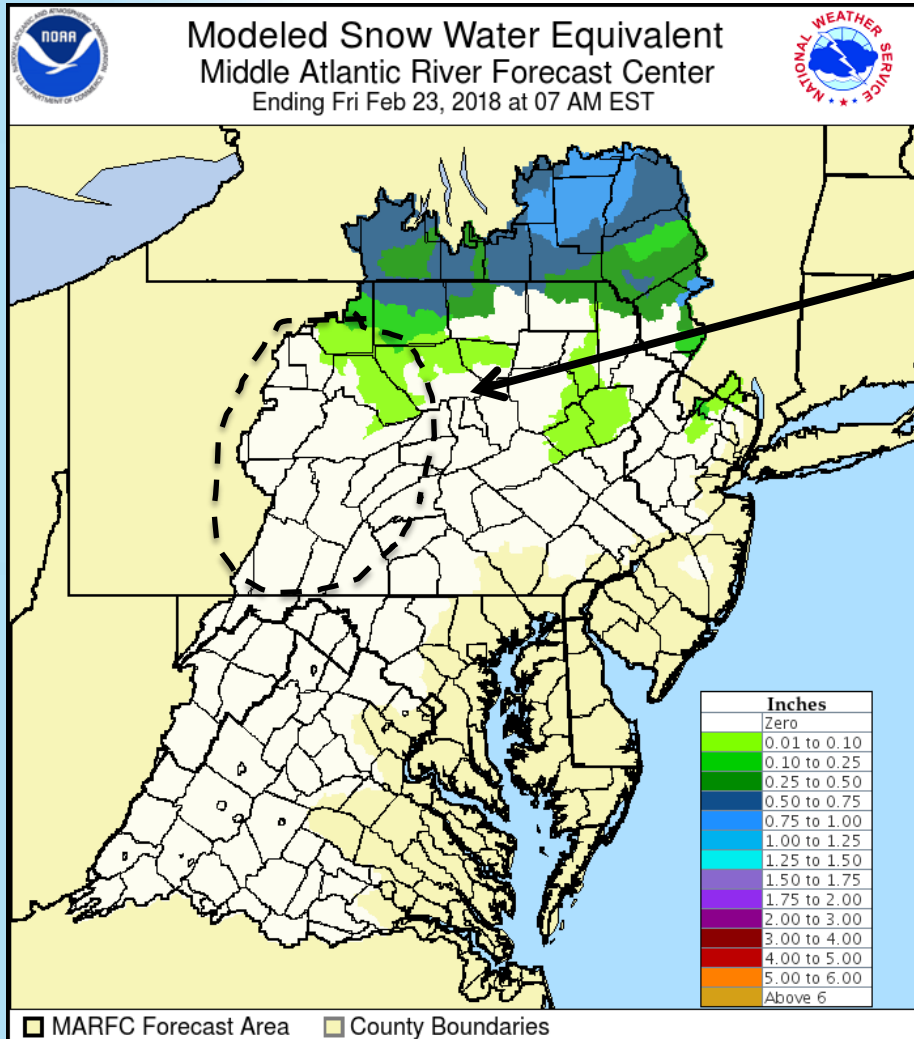
- Precipitation during the 48 hours ending at 9am EST totaled 0.5-1+ inches across portions of NY, PA, NJ, and MD.

MARFC Forecast Precipitation



- Three day rainfall totals of 1.5 - 2+ inches are forecast in the Central-Western portion of the Susquehanna Basin.
- Rain will continue through today, taper off some on Saturday, but heavier rain is expected to return Saturday evening into Sunday.

Water Content of Snowpack

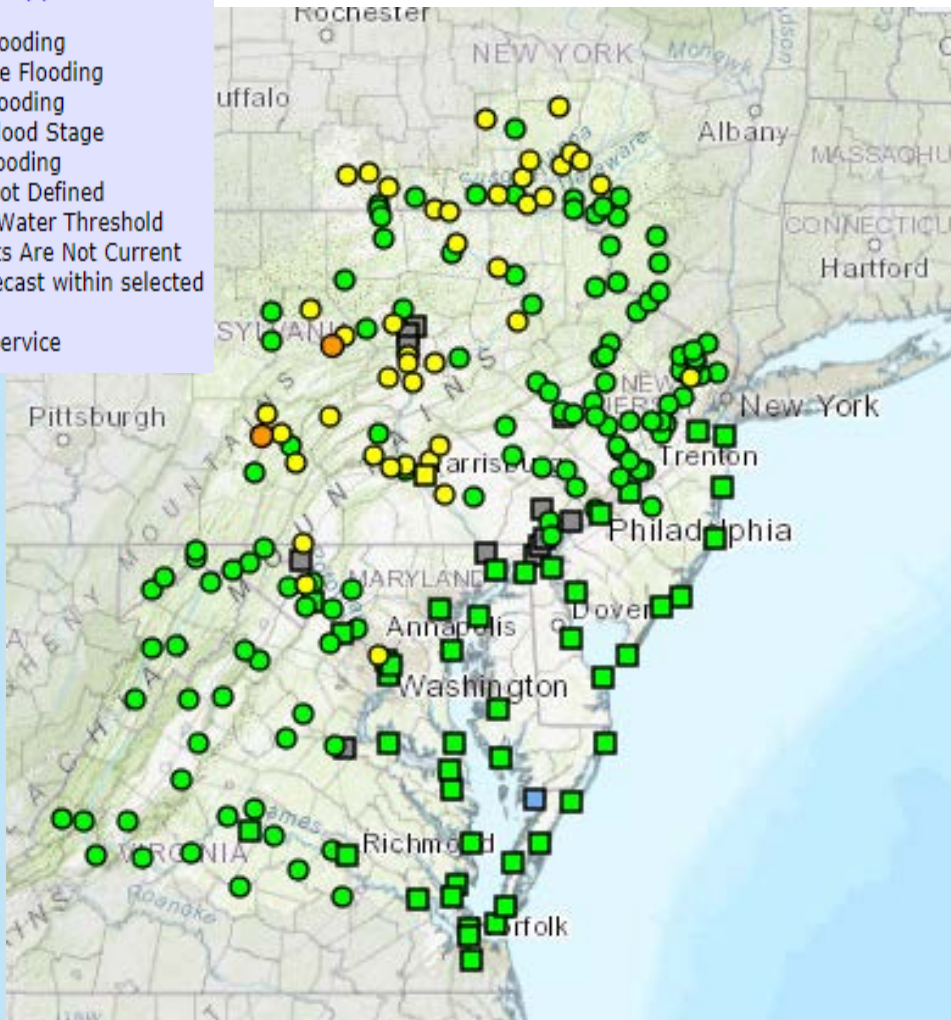


- Areas where the heaviest rain is expected have little to no snowpack; however, soils are wet due to recent rains.

Current MARFC River Forecasts

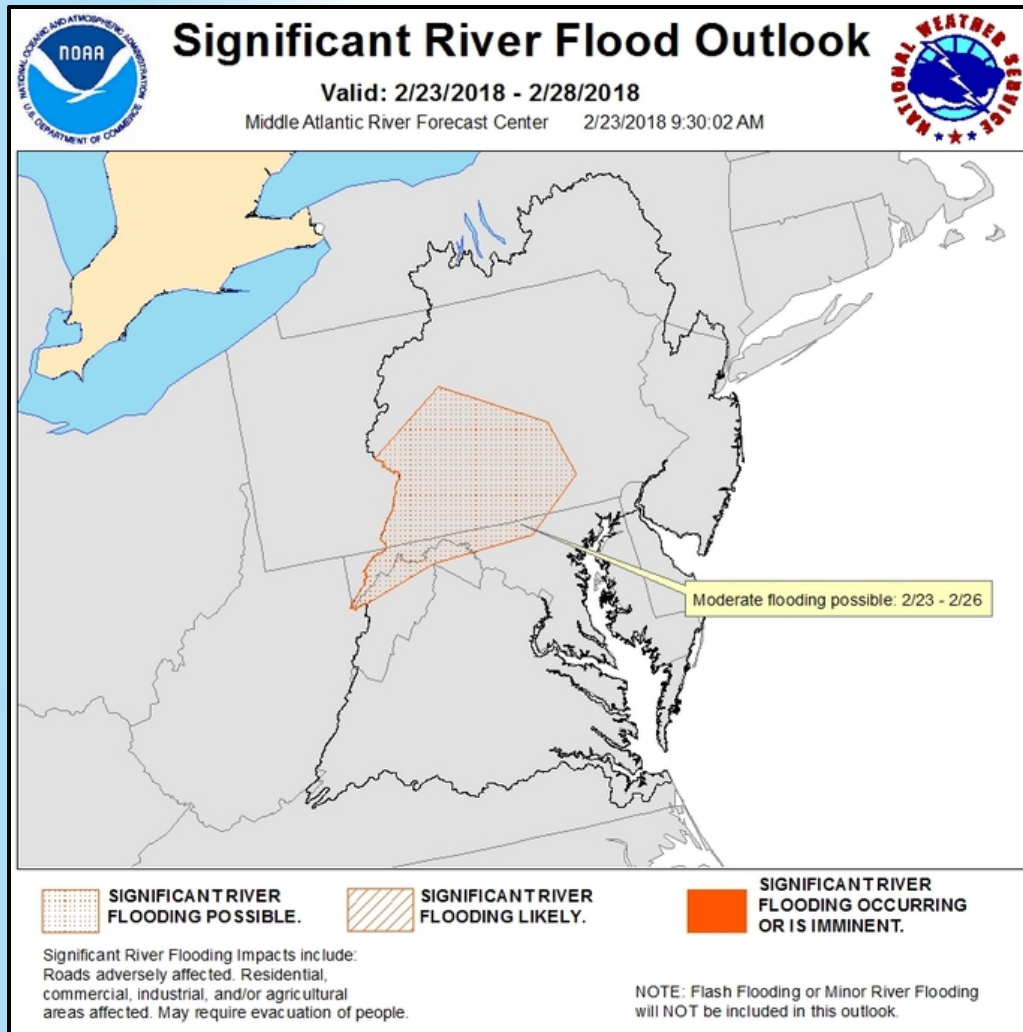
219 total gauges
[Show all locations in flood \(2\)](#)

- 0 Gauges: Major Flooding
- 0 Gauges: Moderate Flooding
- 2 Gauges: Minor Flooding
- 42 Gauges: Near Flood Stage
- 162 Gauges: No Flooding
- 1 Flood Category Not Defined
- 0 At or Below Low Water Threshold
- 0 Gauges: Forecasts Are Not Current
- 12 Gauges: No forecast within selected timeframe
- 0 Gauges: Out of Service



- Forecasts account for recent rain, soil moisture, forecast rain, and snow pack.
- Minor flooding is forecast for Williamsburg, PA and Beech Creek Station, PA.

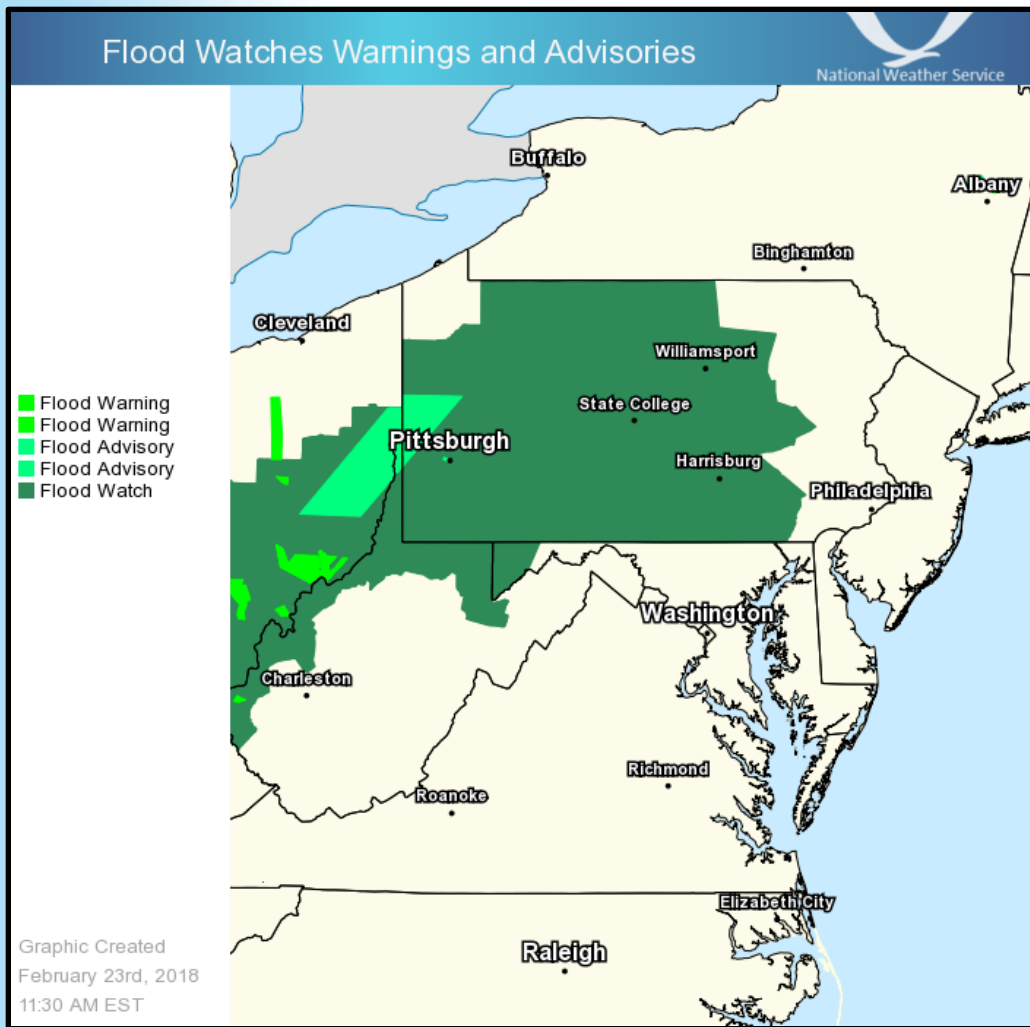
5 Day Flood Outlook



- While we are currently only forecasting minor flooding, moderate flooding is possible depending how the storm plays out.



Flood Watches & Warnings



- A flood watch is in effect for much of PA.

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 on Sat., 2/24/18
Method: Email

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 February 24, 2018*