Mid-Atlantic Flood Update

Decision Support Briefing
As of: Noon, September 18

What Has Changed?
✓ Flooding is ongoing at several locations
✓ Rainfall is slowly moving out of region

AHPS River Forecasts

Latest information at:
http://water.weather.gov

National Weather Service
Middle Atlantic River Forecast Center
HAZARD: River Flooding

IMPACTS: Several locations have reached minor to moderate flood levels with one location crested just above major flooding

LOCATION: Appomattox River – at crest levels
James River – rising to near moderate flood at Richmond
Shenandoah River – Lynnwood exceeded major; Front Royal and Millville rising towards moderate
Chenango River – minor flooding
Susquehanna River – minor flooding in New York

TIMING: Flooding is ongoing – several locations will be rising for the next 24 hours – rivers should be below flood levels in 2-3 days

NOTES: This briefing addresses larger river system flooding. Small stream and coastal/tidal flooding is also occurring
Rainfall during the past 24 hours had 2 areas of heaviest rain
- 5+ inches south of Richmond in the Appomattox
- 3-4 inches in southern New York
We are still expecting up to another inch of rain as the final band from Florence moves out of the region.

Rain should be completely out by late tonight.
Current Forecasts

- Flooding is currently occurring at:
  - Appomattox at Mattoax
  - Rivanna at Palmyra
  - S. Fork Shenandoah nr Lynnwood
  - S. Fork Shenandoah at Luray
  - Chenango at Greene
  - Chenango at Chenango Forks

- Flooding is forecast at:
  - James at Cartersville
  - James at Richmond
  - S. Fork Shenandoah at Front Royal
  - Shenandoah at Millville
  - Susquehanna at Vestal
  - Susquehanna nr Waverly
Select Forecast Hydrographs – 11am Tuesday

**APPOMATTOX RIVER AT MATTIAXO**

Latest observed value: 22.28 ft at 8:00 AM EDT 18-Sep-2018. Flood Stage is 21 ft.

- Moderate: 25 ft
- Major: 21 ft
- Action: 16 ft

**SOUTH FORK SHENANDOAH RIVER NEAR LYNWOOD**

Latest observed value: 17.50 ft at 9:45 AM EDT 18-Sep-2018. Flood Stage is 10 ft.

- Moderate: 20 ft
- Major: 17 ft
- Action: 16 ft

**SHENANDOAH RIVER AT MILLVILLE**

Latest observed value: 7.40 ft at 10:30 AM EDT 18-Sep-2018. Flood Stage is 10 ft.

- Major: 17 ft
- Moderate: 14 ft
- Action: 8 ft
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.

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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: None planned

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

Web:
http://www.weather.gov/marfc

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Disclaimer: The information contained within this briefing is time-sensitive, do not use after 7am Wednesday, Sept 19