

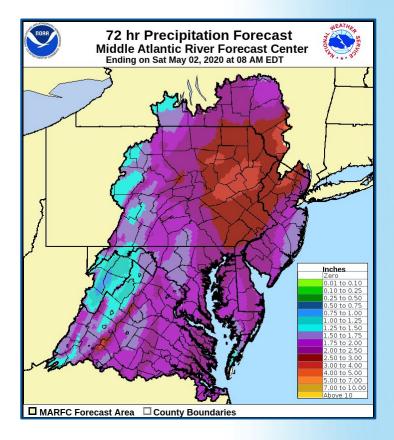


# Minor Flooding Forecast Over Mid-Atlantic

JATIONAL WEATHER SERVICE

Decision Support Briefing As of: 11am - April 29th











April 29 - 11am





#### **Main Points**

HAZARD:	River Flooding
IMPACTS:	A widespread 1-2 inch rain will be falling across the region with heaviest amounts of 2.5-3.5 inches expected in eastern Pennsylvania River flooding will generally be minor although in areas of heavier rainfall, moderate flood levels are possible
LOCATION:	Areas most likely to see minor flooding include the Susquehanna River and tributaries above Wilkes-Barre in New York and Pennsylvania Upper portions of the Delaware River are also forecast to near or just above minor flood The James River at Richmond-Westham (VA) is also forecast to minor flood In addition, the Swatara Creek in Pennsylvania and other small streams in the Harrisburg area will see near flooding conditions
TIMING:	Rain will be moving into the region tonight and continue into Friday River rises will primarily be Thursday and Thursday night on smaller streams and on Friday into Saturday on larger river systems
NOTES:	Small stream and coastal flooding are also likely with this event but are not explicitly included in this briefing package



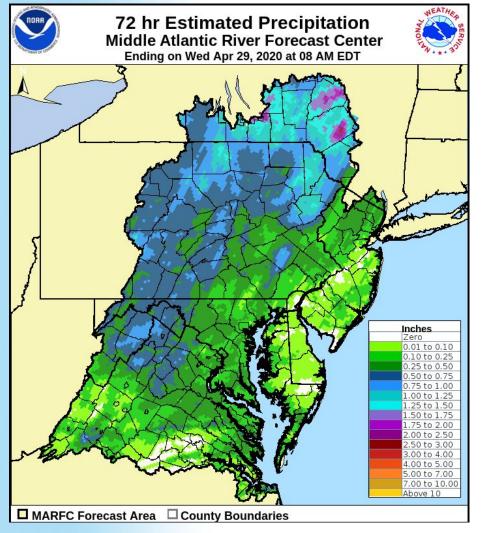








#### **Observed Precipitation**



- This past weekend we saw a wide area of 1+ inch rains over part of our area
  - This has led to elevated river levels and soil moisture







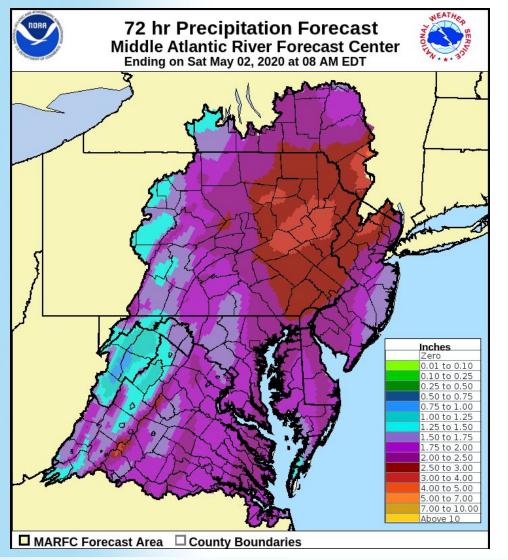
April 29 - 11am







#### **Forecast Precipitation**



- A widespread 1.5-3 inch rain over the entire Mid-Atlantic
  - Rain moves in this evening and continues into Friday

Heaviest amounts expected in eastern Pennsylvania

**Middle Atlantic** River Forecast Center



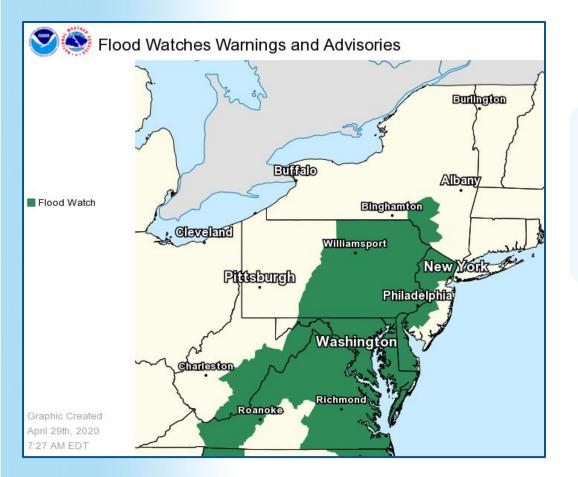






### **Flood Statements**

JATIONAL WEATHER SERVICE



 Flood Watches are currently in place for almost all the Mid-Atlantic region







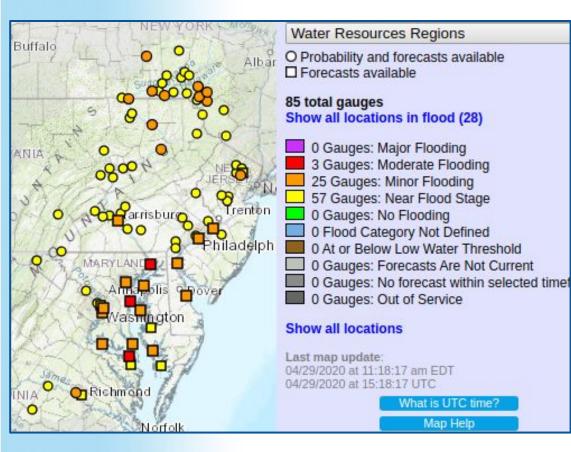
April 29 - 11am







### **Flood Forecasts**



#### Minor Flooding Forecast:

- Susquehanna River
  - several mainstem and tributaries above
    Wilkes-Barre
  - Delaware River
    - several locations in upper part of basin
    - James River
    - Richmond-Westham Other potential areas
      - Swatara Ck and other small streams near Harrisburg











# Forecast Hydrographs as of 11am Wednesdav



Apr 29 Apr 29 Apr 30

Site Time (EDT)

---- Graph Created (11:00AM Apr 29, 2020) - Observed - Forecast (issued 10:47AM Apr 29)

Apr 30 May 1

May 1

**NWSMARFC** 

Observations courtesy of US Geological Survey

May 2

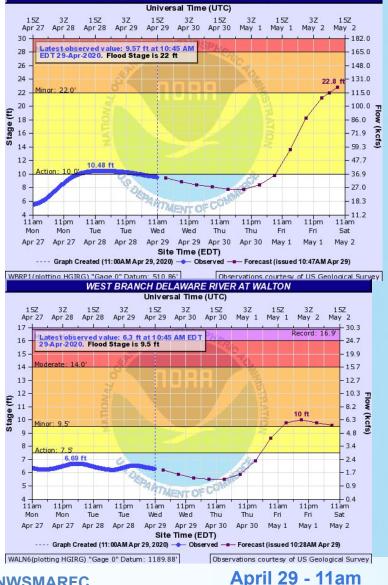
Apr 27

**River Forecast Center** 

Middle At

Apr 27 Apr 28 Apr 28

VSTN6(plotting HGIRG) "Gage 0" Datum: 798.72'



**NWSMARFC** 





## **Latest Forecast Information**

ONAL WEATHER SERVICE

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: <u>http://water.weather.gov</u> Or the MARFC web site: <u>http://www.weather.gov/marfc</u>











### **Contact and Next Briefing Information**

