

## July 17, 2023 Preliminary Flood Summary

James	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#"><u>Richmond, Virginia - (RMDV2)</u></a>	Flood = 12.0	<b>13.11</b>	<b>50,300</b>	Flood = 12.0	12.0 (minor)	28.62
James River - (WFO AKQ)	7/17/2023	<b>July 17, 2023</b>		7/17/2023	15.0 (moderate)	313,000
Gage & Town/Independent City/Henrico County	0:30	<b>07:15 EDT</b>		15:00	22.0 (major)	June 23, 1972

### Crest Statistics

Flooding - 7/17/2023  
 Crests - 7/17/2023  
 Second flood of 2 - July, 2023  
 Sixth flood in 2023  
 Number of MARFC Forecast Points Flooding - **1**  
 Number of Floods Cresting in **Minor** Range - **1**  
 Number of Floods Cresting in **Moderate** Range - **0**  
 Number of Floods Cresting in **Major** Range - **0**  
 Number of Floods Cresting in **Missing** Range - **X**  
**MARFC Power Ranking - 1** (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)  
 Number of MARFC records - **0**  
 E = Estimated

### Weather Summary

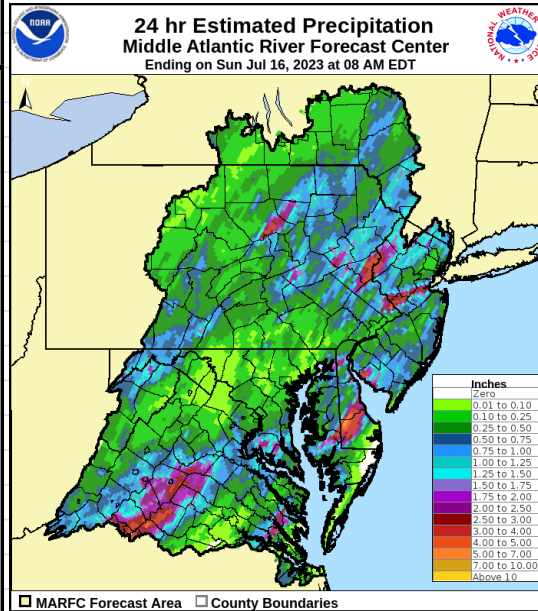
Extremely humid air with precipitable water levels over 2-2.5" pooled ahead of a slow-moving cold front, which enabled thunderstorms to drop locally excessive rainfall and flash flooding in parts of Virginia, Delaware, Pennsylvania, and New Jersey. A broad swath of 1.5-3"+ of rain was reported in Virginia, which was enough to cause minor flooding along the James River at Richmond. Elsewhere, flash flooding tragically led to multiple fatalities near Washington Crossing, PA.

**TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)**

**7/15/2023 (12 Z) - 7/16/2023 (12 Z)**

**Amount Location County State**

5.30	Lynchburg (Airport), VA	Campbell
4.27	Bridgeville, DE	Sussex
3.92	Ellendale, DE	Sussex
3.70	Milford, DE	Sussex
3.57	Harrington, DE	Kent
3.39	Easton, PA/Phillipsburg, NJ	Northampton/Warren
3.30	Williamsport, PA	Lycoming
3.14	Seaford, DE	Sussex
3.08	North Princeton, NJ	Somerset
3.00	New Brunswick, NJ	Middlesex
2.91	New Brunswick (Mesonet), NJ	Middlesex
2.78	Springtown, PA	Bucks
2.70	Lynchburg (CoCoRaHS), VA	Independent City
2.64	Montgomery, NY	Orange
2.58	Lehighton, PA	Carbon



**Floods by MARFC Basins**

MARFC Basins	Fcst Points	Minor	Moderate	Major	Unknown	Mod & Major
Appomattox	0	0	0	0	0	0
Chemung	0	0	0	0	0	0
Delaware	0	0	0	0	0	0
James	1	1	0	0	0	0
Juniata	0	0	0	0	0	0
Lehigh	0	0	0	0	0	0
Lower Main Stem Susquehanna	0	0	0	0	0	0
North Branch Susquehanna	0	0	0	0	0	0
Passaic	0	0	0	0	0	0
Potomac	0	0	0	0	0	0
Rappahannock	0	0	0	0	0	0
Raritan	0	0	0	0	0	0
SE PA and Delaware (state)	0	0	0	0	0	0
Shenandoah	0	0	0	0	0	0
Upper Main Stem Susquehanna	0	0	0	0	0	0
West Branch Susquehanna	0	0	0	0	0	0

**Floods by NWS Weather Forecast Offices**

<b>Forecast Office</b>	<b>Fcst Points</b>	<b>Minor</b>	<b>Moderate</b>	<b>Major</b>	<b>Unknown</b>	<b>Mod &amp; Major</b>
Blacksburg, VA (RNK)	0	0	0	0	0	0
Binghamton, NY (BGM)	0	0	0	0	0	0
Brookhaven, NY (OKX)	0	0	0	0	0	0
Philadelphia, PA (PHI)	0	0	0	0	0	0
State College, PA (CTP)	0	0	0	0	0	0
Sterling, VA (LWX)	0	0	0	0	0	0
Wakefield, VA (AKQ)	1	1	0	0	0	0

