

## September 22 - 24, 2021 Preliminary Flood Summary

Potomac	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<b>Dawsonville, Maryland - (DAWM2)</b>	Flood = 7.5	<b>7.67</b>	<b>2,450</b>	Flood = 7.5	7.5 (minor)	16.40
Seneca Creek - (WFO LWX)	9/23/2021	<b>September 23, 2021</b>		9/23/2021	11.0 (moderate)	26,100
Gage & Town/Montgomery County	8:55	<b>9:40:00 EST</b>		10:35	16.0 (major)	June 22, 1972
<b>Franklin, West Virginia - (FKLW2)</b>	Flood = 7.0	<b>7.94</b>	<b>4,750</b>	Flood = 7.0	7.0 (minor)	22.58
South Branch Potomac River - (WFO LWX)	9/22/2021	<b>September 22, 2021</b>		9/23/2021	9.0 (moderate)	44,000
Gage & Town/Pendleton County	17:30	<b>23:00:00 EST</b>		2:33	11.0 (major)	November 4, 1985
<b>Frederick, Maryland - (FDKM2)</b>	Flood = 15.0	<b>19.03</b>	<b>23,600</b>	Flood = 15.0	15.0 (minor)	35.90
Monocacy River - (WFO LWX)	9/23/2021	<b>September 24, 2021</b>		9/24/2021	17.0 (moderate)	81,600
Gage & Town/Frederick County	13:27	<b>5:45:00 EST</b>		14:00	20.0 (major)	June 23, 1972
<b>Martinsburg, West Virginia - (MBGW2)</b>	Flood = 10.0	<b>10.92</b>	<b>3,050</b>	Flood = 10.0	10.0 (minor)	18.76
Opequon Creek - (WFO LWX)	9/23/2021	<b>September 23, 2021</b>		9/24/2021	12.5 (moderate)	23,400
Gage & Town/Berkeley County	16:55	<b>23:00:00 EST</b>		2:25	15.0 (major)	January 20, 1996
<b>Susquehanna (Lower Main Stem)</b>	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<b>Harper Tavern, Pennsylvania - (HTVP1)</b>	Flood = 9.0	<b>10.23</b>	<b>7,980</b>	Flood = 9.0	9.0 (minor)	25.60
Swatara Creek - (WFO CTP)	9/23/2021	<b>September 24, 2021</b>		9/24/2021	12.0 (moderate)	88,000
Gage & Town/Lebanon County	17:42	<b>1:00:00 EST</b>		5:03	15.0 (major)	June 1, 1889
<b>Penns Creek, Pennsylvania - (PNCP1)</b>	Flood = 8.0	<b>10.82</b>	<b>10,600</b>	Flood = 8.0	8.0 (minor)	14.85
Penns Creek/Basin - (WFO CTP)	9/23/2021	<b>September 23, 2021</b>		9/24/2021	10.0 (moderate)	34,600
Gage/Union County - Town/Snyder County	10:20	<b>22:45:00 EST</b>		10:20	12.0 (major)	June 23, 1972
<b>Shermans Dale, Pennsylvania - (SMDP1)</b>	Flood = 9.0	<b>10.57</b>	<b>8,320</b>	Flood = 9.0	9.0 (minor)	20.34
Sherman Creek - (WFO CTP)	9/23/2021	<b>September 23, 2021</b>		9/23/2021	11.0 (moderate)	44,000
Gage & Town/Perry County	8:28	<b>14:00:00 EST</b>		21:20	16.0 (major)	July 22, 1927
<b>Susquehanna Basin (West Branch)</b>	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<b>Beech Creek Station, Pennsylvania</b>	Flood = 11.0	<b>11.57</b>	<b>4,350</b>	Flood = 11.0	11.0 (minor)	15.96
Bald Eagle Creek - (WFO CTP) - (BECF1)	9/23/2021	<b>September 23, 2021</b>		9/23/2021	13.0 (moderate)	13,400
Gage & Town/Ciinton County	9:41	<b>12:00:00 EST</b>		15:45	14.0 (major)	September 18, 2004

### Crest Statistics

Flooding - 9/22/2021 - 9/24/2021  
 Crests - 9/22/2021 - 9/24/2021  
 Second flood of 2 - September, 2021  
 Eighth flood in 2021  
 Number of MARFC Forecast Points Flooding - **8**  
 Number of Floods Cresting in **Minor** Range - **6**  
 Number of Floods Cresting in **Moderate** Range - **2**  
 Number of Floods Cresting in **Major** Range - **0**  
 Number of Floods Cresting in **Missing** Range - **0**  
**MARFC Power Ranking** - 16 (Minor = 1 - Moderate = 5 - Major = 10 - Missing = 1)  
 Number of MARFC records - **0**  
 E = Estimated

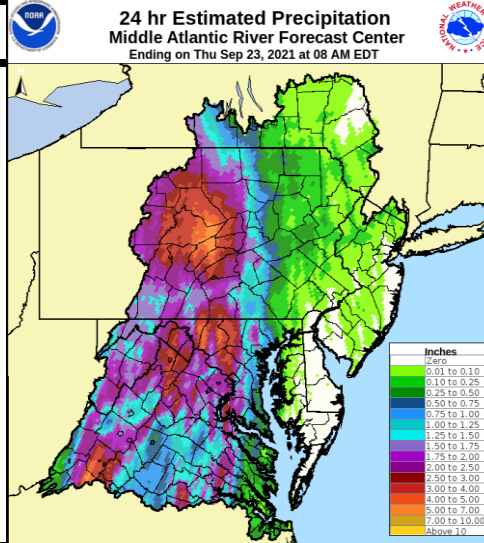
## Weather Summary

A cold front approached the Mid-Atlantic and slowed down. While it was moving east very slowly, it pulled northward the remaining tropical moisture from had been Hurricane Nicholas. This combination produced widespread rainfall of 1.5 to 3 inches with scattered amounts reaching 4 to 7 inches.

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

**9/22/2021 (12 Z) - 9/23/2021 (12 Z)**  
**Amount Location State County**

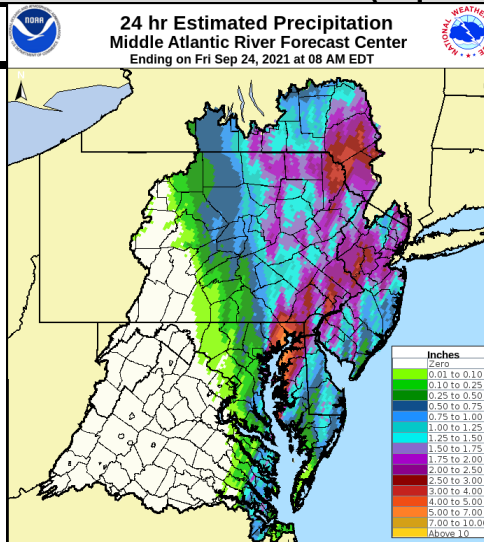
- 6.10 Glade Creek, VA Botetourt
- 4.11 Trappers Lodge, VA Bath
- 3.66 Mason Creek, VA Roanoke
- 3.17 Montebello, VA Nelson
- 3.06 Hot Springs, VA Bath
- 2.95 Glasgow, VA Amherst
- 2.79 Lexington, VA Rockbridge
- 2.74 Lexington, VA Rockbridge
- 2.72 Roanoke Airport, VA Roanoke
- 2.69 Mustoe, VA Highland
- 2.61 Troutville, VA Botetourt
- 2.60 New Castle, VA Craig
- 2.55 Roanoke, VA Roanoke
- 2.52 Buchanan, VA Botetourt
- 2.41 Upper Sherando, VA Augusta



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

**9/23/2021 (12 Z) - 9/24/2021 (12 Z)**  
**Amount Location County State**

- 3.70 Conowingo Dam, MD Cecil
- 3.65 Aberdeen, MD Harford
- 3.49 Long Eddy, NY Delaware
- 3.34 Nottingham, PA Chester
- 3.30 Neversink Reservoir, NY Sullivan
- 3.24 Oak Ridge Reservoir, NJ Passaic
- 3.10 Mt. Carmel, PA Northumberland
- 3.08 Martinsville, NJ Somerset
- 3.00 Conshohocken, PA Montgomery
- 2.92 Phoenicia, NY Ulster
- 2.90 Roscoe, NY Sullivan
- 2.80 Rock Hill, NY Sullivan
- 2.76 Bel Air, MD Harford
- 2.73 Somerville, NJ Somerset
- 2.67 Atglen, PA Chester



MARFC Forecast Area  County Boundaries

**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	0	0	0	0	0	0
Juniata	0	0	0	0	0	0
Lehigh	0	0	0	0	0	0
Lower Main Stem Susquehanna	3	2	1	0	0	1
North Branch Susquehanna	0	0	0	0	0	0
Passaic	0	0	0	0	0	0
Potomac	4	3	1	0	0	1
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	1	1	0	0	0	0

**Floods by NWS Weather Forecast Offices**

Forecast Office	Fcst Points	Minor	Moderate	Major	Unknown	Mod & Major
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)	4	3	1	0	0	1
Sterling, VA (LWX)	4	3	1	0	0	1
Wakefield, VA (AKQ)	0	0	0	0	0	0



