

May 7 - 10, 2022 Preliminary Flood Summary

| Juniata Basin | | | | | | |
|---|---------------|---------------------|------------------|---------------|-----------------|---------------------|
| | Above FS (ft) | Crest (ft) | Streamflow (cfs) | Below FS (ft) | Category (ft) | Record (ft) - (cfs) |
| Shirleysburg, Pennsylvania - (SLYP1) | Flood = 10.0 | 12.81 | 10.300 | Flood = 10.0 | 10.0 (minor) | 19.46 |
| Aughwick Creek - (WFO CTP) | 5/7/2022 | May 8, 2022 | | 5/8/2022 | 12.0 (moderate) | 44,400 |
| Gage & Town/Huntingdon County | 7:00 | 00:45:00 EST | | 9:52 AM | 20.0 (major) | January 19, 1996 |
| Spruce Creek, Pennsylvania - (SPKP1) | Flood = 8.0 | 8.40 | 6.250 | Flood = 8.0 | 8.0 (minor) | 19.10 |
| Little Juniata River - (WFO CTP) | 5/7/2022 | May 7, 2022 | | 5/7/2022 | 10.0 (moderate) | 39,800 |
| Gage & Town/Huntingdon County | 11:50 | 15:00:00 EST | | 19:10 | 14.0 (major) | March 18, 1936 |
| Williamsburg, Pennsylvania - (WIBP1) | Flood = 12.0 | 13.21 | 8.660 | Flood = 12.0 | 12.0 (minor) | 19.46 |
| Frankstown Branch Juniata River - (WFO CTP) | 5/7/2022 | May 7, 2022 | | 5/8/2022 | 13.0 (moderate) | 18,000 |
| Gage & Town/Blair County | 2:22 | 21:45:00 EST | | 5:30 | 15.0 (major) | September 18, 2004 |
| Potomac | | | | | | |
| | Above FS (ft) | Crest (ft) | Streamflow (cfs) | Below FS (ft) | Category (ft) | Record (ft) - (cfs) |
| Dam Number Five, Maryland - (PDFM2) | Flood = 21 | 21.32 | M | Flood = 21 | 21.0 (minor) | M |
| Potomac River - (WFO LWX) | 5/8/2022 | May 8, 2022 | | 5/8/2022 | 24.0 (moderate) | M |
| Gage & Town/Washington County | 7:30 | 12:00:00 EST | | 14:05 | 27.0 (major) | M |
| Edwards Ferry, Maryland - (EDFM2) | Flood = 15.0 | 18.45 | M | Flood = 15.0 | 15.0 (minor) | 22.42 |
| Potomac River - (WFO LWX) | 5/8/2022 | May 8, 2022 | | 5/9/2022 | 17.0 (Moderate) | not available |
| Gage & Town/Montgomery County | 2:35 | 19:45:00 EST | | 22:00 | 24.0 (major) | June 4, 2022 |
| Fairview, Maryland - (FAVM2) | Flood = 10.0 | 10.19 | 7.220 | Flood = 10.0 | 10.0 (minor) | 24.50 |
| Conococheague CK - (WFO LWX) | 5/7/2022 | May 8, 2022 | | 5/8/2022 | 12.0 (Moderate) | 32,400 |
| Gage & Town/Washington County | 22:30 | 6:30:00 EST | | 10:45 | 15.0 (major) | June 23, 1972 |
| Frederick, Maryland - (FDKM2) | Flood = 15.0 | 17.67 | 20.800 | Flood = 15.0 | 15.0 (minor) | 35.90 |
| Monocacy River - (WFO LWX) | 5/7/2022 | May 8, 2022 | | 5/8/2022 | 17.0 (moderate) | 81,600 |
| Gage & Town/Frederick County | 7:24 | 1:45:00 EST | | 12:15 | 20.0 (major) | June 23, 1972 |
| Great Cacapon, West Virginia - (GCPW2) | Flood = 9.0 | 14.37 | 16.000 | Flood = 9.0 | 9.0 (minor) | 30.10 |
| Cacapon River - (WFO LWX) | 5/7/2022 | May 8, 2022 | | 5/10/2022 | 16.0 (moderate) | 87,600 |
| Gage & Town/Morgan County | 12:50 | 1:20:00 EST | | 6:55 | 20.0 (major) | March 18, 1936 |
| Little Falls, Maryland - (BRKM2) | Flood = 10.0 | 10.16 | 118.000 | Flood = 10.0 | 10.0 (minor) | 28.10 |
| Potomac River - (WFO LWX) | 5/8/2022 | May 8, 2022 | | 5/9/2022 | 12.0 (moderate) | 484,000 |
| Gage & Town/Montgomery County | 19:00 | 23:45:00 EST | | 6:05 | 14.0 (major) | March 19, 1936 |
| Martinsburg, West Virginia - (MBGW2) | Flood = 10.0 | 11.32 | 3.370 | Flood = 10.0 | 10.0 (minor) | 18.76 |
| Opequon Creek - (WFO LWX) | 5/7/2022 | May 8, 2022 | | 5/8/2022 | 12.5 (moderate) | 23,400 |
| Gage & Town/Berkeley County | 17:22 | 2:30:00 EST | | 8:49 | 15.0 (major) | January 20, 1996 |
| Point of Rocks, Maryland - (PORM2) | Flood = 16.0 | 18.29 | 107.000 | Flood = 16.0 | 16.0 (minor) | 41.03 |
| Potomac River - (WFO LWX) | 5/8/2022 | May 8, 2022 | | 5/9/2022 | 20.0 (moderate) | 480,000 |
| Gage & Town/Frederick County | 7:45 | 20:30:00 EST | | 10:10 | 25.0 (major) | March 19, 1936 |
| Shepherdstown, West Virginia-(SHEW2) | Flood = 15.0 | 20.00 | 89.200 | Flood = 15.0 | 15.0 (minor) | 42.07 |
| Potomac River - (WFO LWX) | 5/7/2022 | May 8, 2022 | | 5/9/2022 | 22.0 (moderate) | 335,000 |
| Gage & Town/Jefferson County | 22:10 | 16:30:00 EST | | 13:37 | 25.0 (major) | March 19, 1936 |
| Wisconsin AVE, Washington, DC | Flood = 6.0 | 7.61 | M | Flood = 6.0 | 6.0 (minor) | 17.72 |
| Potomac River - (WFO LWX) - (GTND2) | 5/8/2022 | May 9, 2022 | | 5/9/2022 | 7.0 (moderate) | missing |
| Gage & Town/District of Columbia | 13:24 | 15:00:00 EST | | 21:30 | 10.0 (major) | October 17, 1942 |

| Susquehanna (Lower Main Stem) | Above FS (ft) | Crest (ft) | Streamflow (cfs) | Below FS (ft) | Category (ft) | Record (ft) - (cfs) |
|--|---------------|-------------------------------------|------------------|---------------|-----------------|---------------------|
| Camp Hill, Pennsylvania - (CPHP1) | Flood = 7.0 | 7.22 | 2,620 | Flood = 7.0 | 7.0 (minor) | 18.77 |
| Yellow Breeches Creek - (WFO CTP) | 5/7/2022 | May 7, 2022 14:15:00 EST | | 5/7/2022 | 9.0 (moderate) | 19,300 |
| Gage & Town/Cumberland County | 11:49 | | | 18:20 | 13.0 (major) | September 26, 1975 |
| Harper Tavern, Pennsylvania - (HTVP1) | Flood = 9.0 | 9.05 | 6,530 | Flood = 9.0 | 9.0 (minor) | 25.60 |
| Swatara Creek - (WFO CTP) | 5/7/2022 | May 8, 2022 00:30:00 EST | | 5/8/2022 | 12.0 (moderate) | 88,000 |
| Gage & Town/Lebanon County | 23:58 | | | 2:00 | 15.0 (major) | June 1, 1889 |
| Hogestown, Pennsylvania - (HGSP1) | Flood = 8.0 | 8.91 | 7,020 | Flood = 8.0 | 8.0 (minor) | 17.01 |
| Conodoguinet Creek - (WFO CTP) | 5/7/2022 | May 8, 2022 8:30:00 EST | | 5/9/2022 | 10.0 (moderate) | 33,700 |
| Gage & Town/Cumberland County | 10:48 | | | 0:12 | 12.0 (major) | June 23, 1972 |
| Shermans Dale, Pennsylvania - (SMDP1) | Flood = 9.0 | 9.22 | 6,470 | Flood = 9.0 | 9.0 (minor) | 20.34 |
| Sherman Creek - (WFO CTP) | 5/7/2022 | May 7, 2022 16:45:00 EST | | 5/7/2022 | 11.0 (moderate) | 44,000 |
| Gage & Town/Perry County | 13:10 | | | 20:15 | 16.0 (major) | July 22, 1927 |

Crest Statistics

Flooding - 5/7/2022 - 5/10/2022
 Crests - 5/7/2022 - 5/9/2022
 First flood of 2 - May, 2022
 Fifth flood in 2022
 Number of MARFC Forecast Points Flooding - **17**
 Number of Floods Cresting in **Minor** Range - **12**
 Number of Floods Cresting in **Moderate** Range - **5**
 Number of Floods Cresting in **Major** Range - **0**
 Number of Floods Cresting in **Missing** Range - **0**
MARFC Power Ranking - 37 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)
 Number of MARFC records -0
 E = Estimated

Weather Summary

Low pressure moved slowly eastward through the southern Mid-Atlantic leading to a prolonged stretch of 36 to 48 hours of moderate to heavy rain in an east/west band from northern Pennsylvania southward into Virginia.

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

| 5/6/2022 (12 Z) - 5/7/2022 (12 Z) | |
|---|---|
| Amount Location State County | 24 hr Estimated Precipitation Middle Atlantic River Forecast Center Ending on Sat May 07, 2022 at 08 AM EDT |
| <ul style="list-style-type: none"> 3.41 Carlisle, PA Cumberland 3.30 Emmitsburg, MD Frederick 3.20 Fayetteville, PA Franklin 3.07 Thurmont, MD Frederick 2.90 Taneytown, MD Carroll 2.86 Orrtanna, PA Adams 2.75 Abbottstown, PA Adams 2.73 Paxtonia, PA Dauphin 2.72 Mt Wolf, PA York 2.68 Everett, PA Bedford 2.65 Lewistown, PA Mifflin 2.62 Harrisburg Apt Middletown, PA Dauphin 2.61 York Springs, PA Adams 2.59 York, PA York 2.59 Mechanicsburg, PA Cumberland | <p style="font-size: small;">MARFC Forecast Area County Boundaries</p> |

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

| 5/7/2022 (12 Z) - 5/8/2022 (12 Z) | |
|--|---|
| Amount Location County State | 24 hr Estimated Precipitation Middle Atlantic River Forecast Center Ending on Sun May 08, 2022 at 08 AM EDT |
| <ul style="list-style-type: none"> 1.81 Harbeson, DE Sussex 1.72 Hatfield, PA Montgomery 1.62 Harleysville, PA Montgomery 1.57 Stafford Twp, NJ Ocean 1.56 Neshanic, NJ Somerset 1.55 Stockton, NJ Hunterdon 1.54 Sellersville, PA Bucks 1.52 Warwick, PA Chester 1.51 Dover, DE Kent 1.51 Harrington, DE Kent 1.50 Ellendale, DE Sussex 1.46 Middletown, DE New Castle 1.43 Tuckerton, NJ Ocean 1.42 Philadelphia, PA Philadelphia 1.40 Walnutport, PA Northampton 1.40 Egg Harbor Twp, NJ Atlantic | <p style="font-size: small;">MARFC Forecast Area County Boundaries</p> |

| 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 | 3 | 1 | 2 | 0 | 0 | 2 |
| Lehigh | 0 | 0 | 0 | 0 | 0 | 0 |
| Lower Main Stem Susquehanna | 4 | 4 | 0 | 0 | 0 | 0 |
| North Branch Susquehanna | 0 | 0 | 0 | 0 | 0 | 0 |
| Passaic | 0 | 0 | 0 | 0 | 0 | 0 |
| Potomac | 10 | 7 | 3 | 0 | 0 | 3 |
| 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 | | | | | | |
| 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) | 7 | 5 | 2 | 0 | 0 | 2 |
| Sterling, VA (LWX) | 10 | 7 | 3 | 0 | 0 | 3 |
| Wakefield, VA (AKQ) | 0 | 0 | 0 | 0 | 0 | 0 |
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