

July 8, 2019 Preliminary Flood Summary

Potomac	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Dawsonville, Maryland - (DAWM2)	Flood = 7.5	11.73	9,630	Flood = 7.5	7.5 (minor)	16.40
Seneca Creek - (WFO LWX)	7/8/2019	July 8, 2019		7/8/2019	11.0 (moderate)	26,100
Gage & Town/Montgomery County	8:41	10:30:00 EST		21:57	16.0 (major)	June 22, 1972
Susquehanna (Lower Main Stem)	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Harper Tavern, Pennsylvania - (HTVP1)	Flood = 9.0	9.14	6,640	Flood = 9.0	9.0 (minor)	25.60
Swatara Creek - (WFO CTP)	7/8/2019	July 8, 2019		7/8/2019	12.0 (moderate)	88,000
Gage & Town/Lebanon County	15:37	17:10:00 EST		19:05	15.0 (major)	June 1, 1889

Crest Statistics

Flooding 7/8/2019
 Crests - 7/8/2019
 First flood of 2 - July, 2019
 16th flood in 2019
 Number of MARFC Forecast Points Flooding - **2**
 Number of Floods Cresting in **Minor** Range - 1
 Number of Floods Cresting in **Moderate** Range - 1
 Number of Floods Cresting in **Major** Range - 0
 Number of Floods Cresting in **Missing** Range - 0
MARFC Power Ranking - 6 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)
 Number of MARFC records - 0
 E = Estimated

Weather Summary

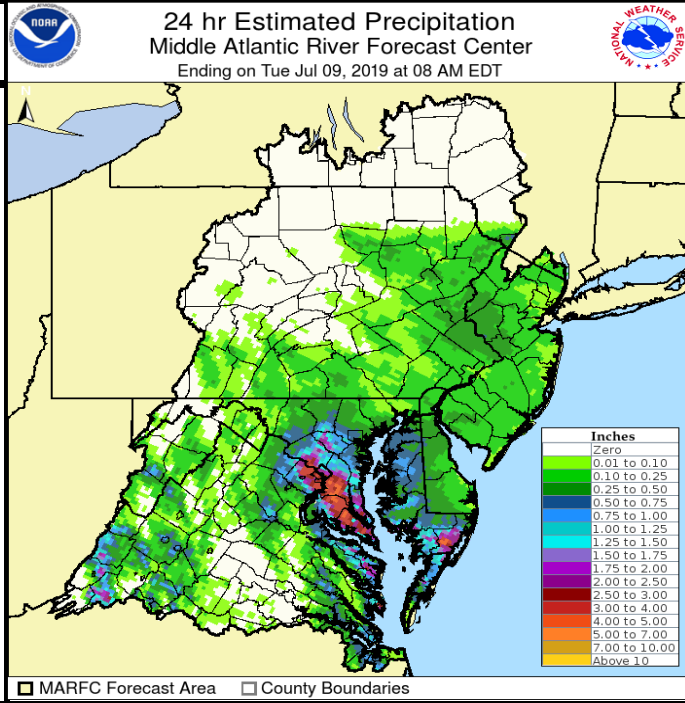
A slow moving cluster of thunderstorms with intense rainfall dropped several inches of rain along and near the middle and lower main stem Potomac River causing major flash flooding as well as moderate flooding on the larger Seneca Creek. Further north, heavy downpours from thunderstorms were sufficient to cause some minor flooding on the Swatara Creek.

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

7/7/2019 (12 Z) - 7/8/2019 (12 Z) Amount Location County State	24 hr Estimated Precipitation Middle Atlantic River Forecast Center Ending on Mon Jul 08, 2019 at 08 AM EDT
4.40 Charlestown, WV Jefferson 4.16 Martinsburg, WV Berkeley 3.83 Prince George, VA Prince George 3.70 Thurmont, MD Frederick 3.52 Carlisle, PA Cumberland 3.05 Hagerstown, MD Washington 3.02 Shenandoah Junction, WV Jefferson 2.88 Bernville, PA Berks 2.73 Wilkes-Barre/Scranton (Avoca), PA Luzerne 2.73 Thurmont, MD Frederick 2.54 Crewe, VA Nottoway 2.48 Blue Marsh Lake, PA Berks 2.42 Virginia Beach, VA 2.14 Slate Lick Knob, WV Hampshire 2.00 Lebanon, PA Lebanon 2.00 Sheperdstown, WV Jefferson	

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

7/8/2019 (12 Z) - 7/9/2019 (12 Z)			
Amount	Location	County	State
5.27	Potomac, MD	Montgomery	
4.32	Ten Mile, MD	Montgomery	
4.17	McLean, VA	Fairfax	
3.74	Vienna, VA	Fairfax	
3.72	Reston, VA	Fairfax	
3.44	Washington (Reagan Airport), VA	Arlington	
3.23	Oxon Hill, MD	Prince Georges	
3.23	Oxon Hill, MD	Prince Georges	
3.05	Waldorf, MD	Charles	
3.02	Washington, DC		
2.92	Patuxent River, MD	St. Marys	
2.88	Clarksburg, MD	Montgomery	
2.80	Cooksville, MD	Howard	
2.77	Suitland, MD	Prince Georges	
2.75	Belle Haven, VA	Fairfax	



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	1	1	0	0	0	0
North Branch Susquehanna	0	0	0	0	0	0
Passaic	0	0	0	0	0	0
Potomac	1	0	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	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)	1	1	0	0	0	0
Sterling, VA (LWX)	1	0	1	0	0	1
Wakefield, VA (AKQ)	0	0	0	0	0	0