

June 2 - June 6, 2018 Preliminary Flood Summary

Potomac	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Edwards Ferry, Maryland - (EDFM2)</u>	Flood = 15.0	22.42R	M	Flood = 10.0	15.0 (minor)	22.42
Potomac River - (WFO LWX)	6/4/2018	June 4, 2018 22:30:00 EST		6/6/2018	17.0 (Moderate)	not available
Gage & Town/Montgomery County	0:20			1:05	24.0 (major)	June 4, 2018
<u>Great Cacapon, West Virginia - (GCPW2)</u>	Flood = 9.0	16.24	24,100	Flood = 9.0	9.0 (minor)	30.10
Cacapon River - (WFO LWX)	6/3/2018	June 3, 2018 23:15:00 EST		6/4/2018	16.0 (moderate)	87,600
Gage & Town/Morgan County	9:45			22:45	20.0 (major)	March 18, 1936
<u>Harpers Ferry, West Virginia - (HFEW2)</u>	Flood = 18.0	E21.74	E173100	Flood = 18.0	18.0 (minor)	36.50
Potomac River - (WFO LWX)	6/4/2018	June 4, 2018 E16:00:00 EST		6/5/2018	21.0 (moderate)	not available
Gage & Town/Jefferson County	E1:30:00 AM			E5:20:00 AM	24.0 (major)	March 19, 1936
<u>Little Falls, Maryland - (BRKM2)</u>	Flood = 10.0	12.38	177,000	Flood = 10.0	10.0 (minor)	28.10
Potomac River - (WFO LWX)	6/4/2018	June 5, 2018 3:30:00 EST		6/5/2018	12.0 (moderate)	484,000
Gage & Town/Montgomery County	9:05			19:40	14.0 (major)	March 19, 1936
<u>Martinsburg, West Virginia - (MBGW2)</u>	Flood = 10.0	13.93	7,100	Flood = 10.0	10.0 (minor)	18.76
Opequon Creek - (WFO LWX)	6/3/2018	June 4, 2018 7:00:00 EST		6/4/2018	12.5 (moderate)	23,400
Gage & Town/Berkeley County	9:55			20:40	15.0 (major)	January 20, 1996
<u>Moorefield, West Virginia - (MOFW2)</u>	Flood = 10.0	10.80	13,000	Flood = 10.0	10.0 (minor)	19.99
S. Fork S. Branch Potomac River - (WFO LWX)	6/2/2018	June 2, 2018 23:00:00 EST		6/3/2018	12.0 (moderate)	110,000
Gage & Town/Hardy County	19:45			3:50	14.0 (major)	November 5, 1985
<u>Paw Paw, West Virginia - (PAWW2)</u>	Flood = 25.0	25.28	50,600	Flood = 25.0	25.0 (minor)	54.00
Potomac River - (WFO LWX)	6/3/2018	June 3, 2018 16:45:00 EST		6/3/2018	28.0 (moderate)	240,000
Gage/Allegany Co MD - Town/Morgan Co WV	15:10			18:45	32.0 (major)	March 18, 1936
<u>Point of Rocks, Maryland - (PORM2)</u>	Flood = 16.0	25.83	175,000	Flood = 16.0	16.0 (minor)	41.03
Potomac River - (WFO LWX)	6/4/2018	June 4, 2018 19:30:00 EST		6/5/2018	20.0 (moderate)	480,000
Gage & Town/Frederick County	0:15			16:15	25.0 (major)	March 19, 1936
<u>Shepherdstown, West Virginia</u>	Flood = 15.0	23.15	109,000	Flood = 15.0	15.0 (minor)	42.07
Potomac River - (WFO LWX) - (SHEW2)	6/3/2018	June 4, 2018 16:15:00 EST		6/5/2018	18.0 (moderate)	335,000
Gage & Town/Jefferson County	20:20			10:50	22.0 (major)	March 19, 1936

<u>Springfield, West Virginia (SPRW2)</u>	Flood = 15.0	17.49	27,800	Flood = 15.0	15.0 (minor)	44.22
South Branch Potomac River - (WFO LWX)	6/3/2018	June 3, 2018 15:15:00 EST			19.0 (moderate)	240,000
Gage & Town/Hampshire County	7:10				25.0 (major)	November 5, 1985
<u>Springfield, West Virginia (SPRW2)</u>	Flood = 15.0	16.89	26,300	Flood = 15.0	15.0 (minor)	44.22
South Branch Potomac River - (WFO LWX)		June 4, 2018 2:15:00 EST		6/4/2018	19.0 (moderate)	240,000
Gage & Town/Hampshire County				9:10	25.0 (major)	November 5, 1985
Williamsport, Maryland - (WLLM2)	Flood = 23.0	E24.10	E87700	Flood = 23.0	23.0 (minor)	48.60
Potomac River - (WFO LWX)	E6/4/2018	E6/4/2018 E10:00:00 EST		E6/4/2018	25.0 (moderate)	not available
Gage & Town/Washington County	E5:00:00			E23:15:00	28.0 (major)	March 18, 1936
<u>Wisconsin AVE, Washington, DC</u>	Flood = 6.0	9.63	M	Flood = 6.0	6.0 (minor)	17.72
Potomac River - (WFO LWX) - (GTND2)	6/4/2018	June 5, 2018 2:10:00 EST		6/6/2018	7.0 (moderate)	missing
Gage & Town/District of Columbia	9:25			3:33	10.0 (major)	October 17, 1942
Rappahannock	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Culpeper, Virginia - (CLPV2)</u>	Flood = 13.0	14.46	14,800	Flood = 13.0	13.0 (minor)	30.40
Rapidan River - (WFO LWX)	6/3/2018	June 4, 2018 3:00:00 EST		6/4/2018	17.0 (moderate)	59,300
Gage & Town/Culpeper County	18:40			7:35	21.0 (major)	June 28, 1995
<u>Remington, Virginia - (RENV2)</u>	Flood = 15.0	E18.50	E18500	Flood = 15.0	15.0 (minor)	30.00
Rappahannock River - (WFO LWX)	6/3/2018	E6/4/2018 E6:00:00 EST		6/4/2018	20.0 (moderate)	90,000
Gage & Town/Fauquier County	18:30			22:10	25.0 (major)	October 16, 1942
Shenandoah	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Front Royal, Virginia - (FROV2)</u>	Flood = 12.0	16.52	43,900	Flood = 12.0	12.0 (minor)	34.80
South Fork Shenandoah River - (WFO LWX)	6/3/2018	June 3, 2018 23:35:00 EST		6/4/2018	14.0 (moderate)	130,000
Gage & Town/Warren County	12:10			15:15	18.0 (major)	October 16, 1942
<u>Luray, VA - (SFSV2)</u>	Flood = 14.0	15.20	27,600	Flood = 14.0	14.0 (minor)	26.95
South Fork Shenandoah River - (WFO LWX)	6/3/2018	June 3, 2018 19:45:00 EST		6/4/2018	20.0 (moderate)	112,000
Gage & Town/Page County	8:45			2:25	25.0 (major)	September 7, 1996
<u>Millville, West Virginia - (MILW2)</u>	Flood = 10.0	17.52	67,600	Flood = 10.0	10.0 (minor)	32.40
Shenandoah River - (WFO LWX)	6/3/2018	June 4, 2018 12:15:00 EST		6/5/2018	14.0 (moderate)	230,000
Gage & Town/Jefferson County	13:10			19:05	17.0 (major)	October 16, 1942

<u>Strasburg, Virginia - (STGV2)</u>	Flood = 17.0	18.13	19,500	Flood = 17.0	17.0 (minor)	32.27
North Fork Shenandoah River - (WFO LWX)	6/3/2018	June 4, 2018 4:15:00 EST		6/4/2018	20.0 (moderate)	114,000
Gage/Warren Co - Town/Shenandoah Co	20:00			10:15	25.0 (major)	September 7, 1996



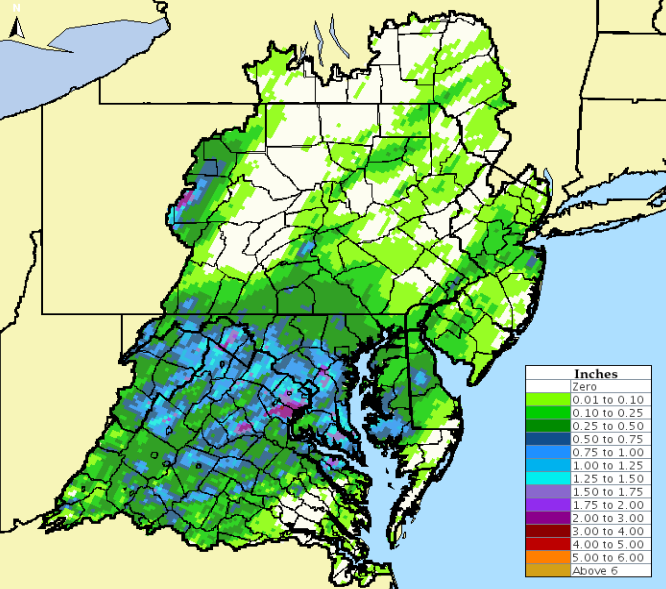
Crest Statistics

Flooding - 6/2/2018 - 6/6/2018
 Crests - 6/2/2018 - 6/5/2018
 First flood of 4 - June, 2018
 Twelfth flood in 2018
 Number of MARFC Forecast Points Flooding - **19**
 Number of Floods Cresting in **Minor** Range - 9
 Number of Floods Cresting in **Moderate** Range - 7
 Number of Floods Cresting in **Major** Range - 3
 Number of Floods Cresting in **Missing** Range - 0
MARFC Power Ranking - 74 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)
 Number of MARFC records - 1
 E = Estimated

Weather Summary

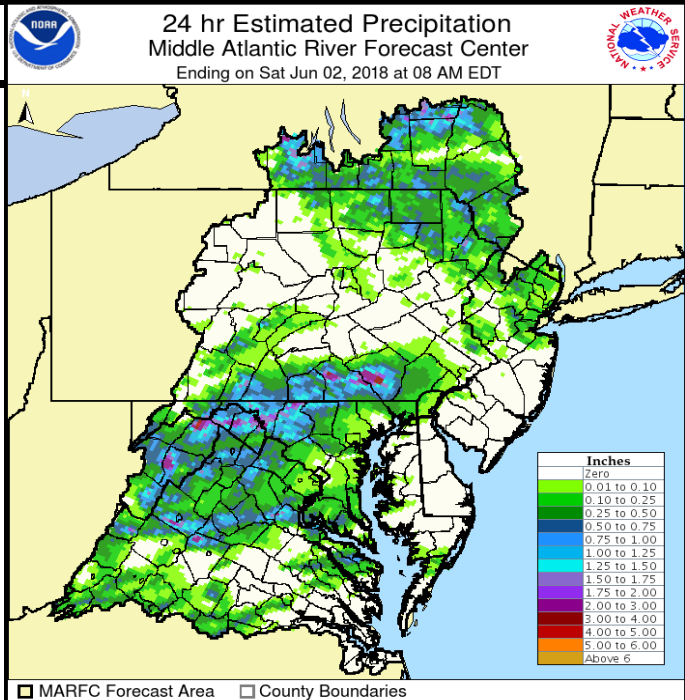
After a wet several weeks, a cold front dropped into the Mid-Atlantic and became nearly stationary acting as a focal point for showers and thunderstorms with very heavy rainfall. Meanwhile, an upper air low formed along this front. It, too, was very slow moving but became a more productive focal point for heavy rainfall which was even more widespread than the thunderstorms associated with the front. While pockets of heavy rain fell elsewhere, the majority of the heavy rain fell in the Potomac River basin where moderate and major flooding occurred at several points.

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

5/31/2018 (12 Z) - 6/1/2018 (12 Z)	24 hr Estimated Precipitation Middle Atlantic River Forecast Center Ending on Fri Jun 01, 2018 at 08 AM EDT	
Amount Location County State	 	
2.51 Franconia, VA Fairfax		
2.29 Hedgesville, WV Berkeley		
2.28 Dulles Apt. Fairfax		
2.18 Grampian, PA Clearfield		
2.02 Bergton, VA Rockingham		
2.02 Vienna, VA Fairfax		
2.00 Washington, DC		
1.92 Lost River, WV Hardy		
1.89 Laurel, MD Anne Arundel		
1.85 Vienna, VA Fairfax		
1.83 Mechanicsville, MD St. Marys		
1.81 McLean, VA Fairfax		
1.80 Front Royal, VA Warren		
1.77 Johnstown Apt, PA Cambria		
1.77 McLean, VA Fairfax		
1.77 Savage, MD Howard		

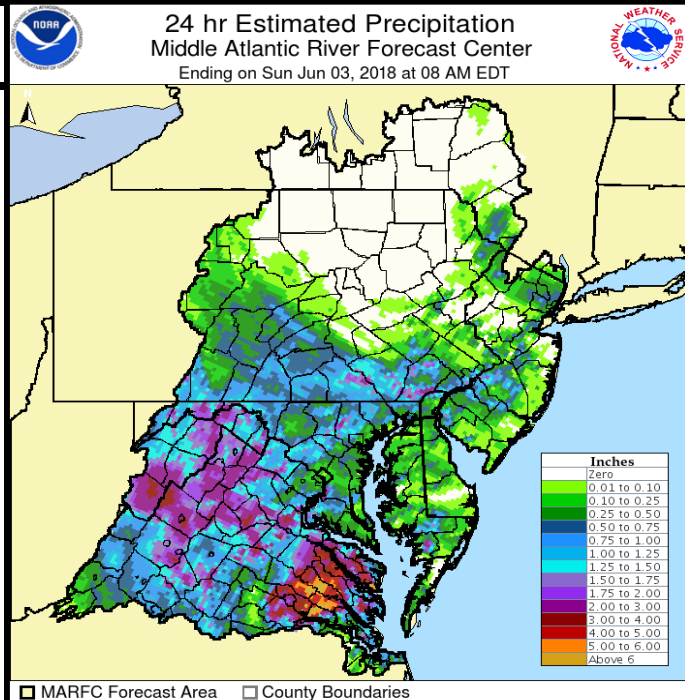
TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)

6/1/2018 (12 Z) - 6/2/2018 (12 Z)			
Amount	Location	County	State
3.58	Sleepy Creek, WV	Berkeley	
3.40	Disputanta, VA	Prince George	
2.66	Safe Harbor Dam, PA	Lancaster	
2.50	Paw Paw, WV	Morgan	
2.40	Cacapon State Park, WV	Morgan	
2.24	Rig, WV	Hardy	
2.13	Pequea, PA	Lancaster	
2.10	McConnellsburg, PA	Fulton	
2.01	Hartwick, NY	Otsego	
2.01	Savona, NY	Steuben	
2.00	Holtwood Dam, PA	York	
2.00	Shepherdstown, WV	Jefferson	
1.90	Dale Enterprise, VA	Rockingham	
1.90	Accident, MD	Garrett	
1.82	Emmitsburg, MD	Frederick	



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

6/2/2018 (12 Z) - 6/3/2018 (12 Z)			
Amount	Location	County	State
5.57	Richmond (10WNW), VA	Goochland	
4.12	Shenandoah Mountain, WV	Pendleton	
4.02	Sherando, VA	Augusta	
3.85	Glen Allen, VA	Henrico	
3.63	Disputanta, VA	Prince George	
3.59	Lewis Mountain Camp, VA	Page	
3.50	Stuarts Draft, VA	Augusta	
3.49	Fort Seybert, WV	Pendleton	
3.45	Stephens City, VA	Frederick	
3.42	Luray, VA	Page	
3.07	Harrisonburg, VA	Rockingham	
3.00	Front Royal, VA	Warren	
2.88	Chesterfield, VA	Chesterfield	
2.84	Weyers Cave, VA	Augusta	
2.82	Near Richmond Apt, VA	Chesterfield	



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

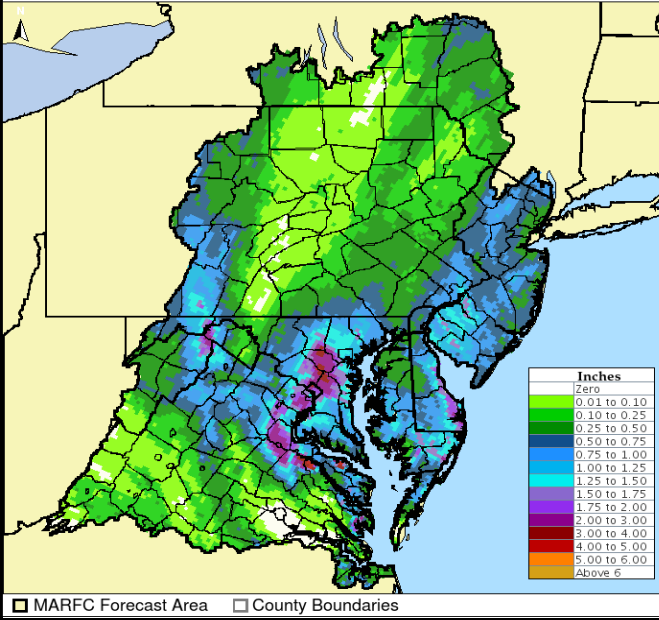
6/3/2018 (12 Z) - 6/4/2018 (12 Z)

Amount Location County State

3.67	Beltsville, MD	Prince Georges	
3.57	Cacapon State Park, WV	Morgan	
3.46	White Oak, MD	Montgomery	
3.20	Sandy Spring, MD	Montgomery	
3.10	Cooksville, MD	Howard	
2.82	City of Fredericksburg, VA		
2.80	Paw Paw, WV	Morgan	
2.79	Princess Anne, MD	Somerset	
2.76	Alpha Ridge, MD	Howard	
2.50	Columbia, MD	Howard	
2.44	City of Fredericksburg, VA		
2.37	Lake Accotink, VA	Fairfax	
2.35	City of Manassas, VA		
2.34	Bowie, MD	Prince Georges	
2.33	Green Ridge, MD	Allegany	
2.33	Savage, MD	Howard	



24 hr Estimated Precipitation
Middle Atlantic River Forecast Center
Ending on Mon Jun 04, 2018 at 08 AM EDT



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	0	0	0	0	0	0
North Branch Susquehanna	0	0	0	0	0	0
Passaic	0	0	0	0	0	0
Potomac	13	5	6	2	0	8
Rappahannock	2	2	0	0	0	0
Raritan	0	0	0	0	0	0
SE PA and Delaware (state)	0	0	0	0	0	0
Shenandoah	4	2	1	1	0	2
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)	0	0	0	0	0	0
Sterling, VA (LWX)	19	9	7	3	0	10
Wakefield, VA (AKQ)	0	0	0	0	0	0