

September 27 - September 30, 2018 Preliminary Flood Summary

James	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Bremo Bluff, Virginia - (BREV2)	Flood = 19.0	M	M	Flood = 19.0	19.0 (minor)	44.80
James River - (WFO AKQ)	M	September 29, 2018		M	23.0 (moderate)	not available
Gage & Town/Fluvanna County	0:00			M	34.0 (major)	June 22, 1972
<u>Buchanan, Virginia - (BNNV2)</u>	Flood = 17.0	17.08	32,800	Flood = 17.0	17.0 (minor)	38.84
James River - (WFO RNK)	9/28/2018	September 28, 2018		9/28/2018	21.0 (moderate)	179,000
Gage & Town/Botetourt County	13:15			16:45:00 EST	19:35	26.0 (major)
<u>Lick Run, Virginia - (LIRV2)</u>	Flood = 16.0	17.19	28,200	Flood = 16.0	16.0 (minor)	33.00
James River - (WFO RNK)	9/28/2018	September 28, 2018		9/28/2018	22.0 (moderate)	120,000
Gage & Town/Botetourt County	2:40			5:15:00 EST	15:05	25.0 (major)
<u>Richmond, Virginia - (RMDV2)</u>	Flood = 12.0	13.70	55,000	Flood = 12.0	12.0 (minor)	28.62
James River - (WFO AKQ)	9/29/2018	September 30, 2018		9/30/2018	15.0 (moderate)	313,000
Gage & Town/Independent City/Henrico County	14:15			6:15:00 EST	19:45	22.0 (major)
<u>Richmond City Locks, Virginia - (RICV2)</u>	Flood = 8.0	9.07	M	Flood = 8.0	8.0 (minor)	36.50
James River - (WFO AKQ)	9/29/2018	September 30, 2018		9/30/2018	19.0 (moderate)	not available
Gage & Town/Independent City/Henrico County	19:55			9:35:00 EST	15:00	28.0 (major)
Potomac	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Dawsonville, Maryland - (DAWM2)</u>	Flood = 7.5	8.26	2,890	Flood = 7.5	7.5 (minor)	16.40
Seneca Creek - (WFO LWX)	9/28/2018	September 28, 2018		9/28/2018	11.0 (moderate)	26,100
Gage & Town/Montgomery County	0:21			2:55:00 EST	7:47	16.0 (major)
<u>Edwards Ferry, Maryland - (EDFM2)</u>	Flood = 15.0	E21.80	M	Flood = 10.0	15.0 (minor)	22.42
Potomac River - (WFO LWX)	9/27/2018	September 29, 2018		9/30/2018	17.0 (Moderate)	not available
Gage & Town/Montgomery County	23:40			E11:15:00 EST	E21:30:00	24.0 (major)
<u>Fairview, Maryland - (FAVM2)</u>	Flood = 10.0	11.08	8,090	Flood = 10.0	10.0 (minor)	24.50
Conococheague CK - (WFO LWX)	9/28/2018	September 28, 2018		9/29/2018	12.0 (Moderate)	32,400
Gage & Town/Washington County	6:40			13:00:00 EST	0:05	15.0 (major)
<u>Frederick, Maryland - (FDKM2)</u>	Flood = 15.0	16.32	18,100	Flood = 15.0	15.0 (minor)	35.90
Monocacy River - (WFO LWX)	9/28/2018	September 28, 2018		9/29/2018	17.0 (moderate)	81,600
Gage & Town/Frederick County	8:10			18:00:00 EST	0:30	20.0 (major)

<u>Great Cacapon, West Virginia - (GCPW2)</u>	Flood = 9.0	11.14	10,900	Flood = 9.0	9.0 (minor)	30.10
Cacapon River - (WFO LWX)	9/28/2018	September 28, 2018 16:55:00 EST		9/29/2018	16.0 (moderate)	87,600
Gage & Town/Morgan County	8:40			4:20	20.0 (major)	March 18, 1936
Harpers Ferry, West Virginia - (HFEW2)	Flood = 18.0	E18.33	E127600	Flood = 18.0	18.0 (minor)	36.50
Potomac River - (WFO LWX)	9/29/2018	September 29, 2018 E10:20:00 EST		9/29/2018	21.0 (moderate)	not available
Gage & Town/Jefferson County	E6:10:00			E19:10:00	24.0 (major)	March 19, 1936
<u>Leesburg, Virginia - (LEEV2)</u>	Flood = 12.0	12.60	7,930	Flood = 12.0	12.0 (minor)	30.59
Goose Creek - (WFO LWX)	9/28/2018	September 28, 2018 13:35:00 EST		9/28/2018	15.0 (moderate)	78,100
Gage & Town/Loudoun County	8:55			16:30	18.0 (major)	June 22, 1972
<u>Little Falls, Maryland - (BRKM2)</u>	Flood = 10.0	11.01	148,000	Flood = 10.0	10.0 (minor)	28.10
Potomac River - (WFO LWX)	9/29/2018	September 29, 2018 16:45:00 EST		9/30/2018	12.0 (moderate)	484,000
Gage & Town/Montgomery County	1:00			9:05	14.0 (major)	March 19, 1936
<u>Martinsburg, West Virginia - (MBGW2)</u>	Flood = 10.0	14.03	7,310	Flood = 10.0	10.0 (minor)	18.76
Opequon Creek - (WFO LWX)	9/28/2018	September 28, 2018 18:30:00 EST		9/29/2018	12.5 (moderate)	23,400
Gage & Town/Berkeley County	1:35			8:30	15.0 (major)	January 20, 1996
<u>Paw Paw, West Virginia - (PAWW2)</u>	Flood = 25.0	25.90	52,900	Flood = 25.0	25.0 (minor)	54.00
Potomac River - (WFO LWX)	9/28/2018	September 28, 2018 18:20:00 EST		9/28/2018	28.0 (moderate)	240,000
Gage/Allegany Co MD - Town/Morgan Co WV	0:40			23:25	32.0 (major)	March 18, 1936
<u>Point of Rocks, Maryland - (PORM2)</u>	Flood = 16.0	21.39	134,000	Flood = 16.0	16.0 (minor)	41.03
Potomac River - (WFO LWX)	9/28/2018	September 29, 2018 12:15:00 EST		9/30/2018	20.0 (moderate)	480,000
Gage & Town/Frederick County	16:15			9:20	25.0 (major)	March 19, 1936
Shepherdstown, West Virginia	Flood = 15.0	21.36	96,800	Flood = 15.0	15.0 (minor)	42.07
Potomac River - (WFO LWX) - (SHEW2)	9/28/2018	September 29, 2018 3:45:00 EST		9/30/2018	18.0 (moderate)	335,000
Gage & Town/Jefferson County	10:50			6:30	22.0 (major)	March 19, 1936
<u>Springfield, West Virginia (SPRW2)</u>	Flood = 15.0	15.93	23,900	Flood = 15.0	15.0 (minor)	44.22
South Branch Potomac River - (WFO LWX)	9/28/2018	September 28, 2018 19:45:00 EST		9/29/2018	19.0 (moderate)	240,000
Gage & Town/Hampshire County	13:00			1:20	25.0 (major)	November 5, 1985
<u>Wisconsin AVE, Washington, DC</u>	Flood = 6.0	8.81	M	Flood = 6.0	6.0 (minor)	17.72
Potomac River - (WFO LWX) - (GTND2)	9/28/2018	September 29, 2018 23:25:00 EST		9/30/2018	7.0 (moderate)	missing
Gage & Town/District of Columbia	19:20			16:40	10.0 (major)	October 17, 1942

Rappahannock	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Remington, Virginia - (RENV2)</u>	Flood = 15.0	15.29	11,200	Flood = 15.0	15.0 (minor)	30.00
Rappahannock River - (WFO LWX)	9/28/2018	September 28, 2018 17:10:00 EST		9/28/2018	20.0 (moderate)	90,000
Gage & Town/Fauquier County	13:50			20:20	25.0 (major)	October 16, 1942
Shenandoah	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Luray, VA - (SFSV2)</u>	Flood = 14.0	14.53	24,700	Flood = 14.0	14.0 (minor)	26.95
South Fork Shenandoah River - (WFO LWX)	9/28/2018	September 28, 2018 20:00:00 EST		9/28/2018	20.0 (moderate)	112,000
Gage & Town/Page County	14:00			23:50	25.0 (major)	September 7, 1996
<u>Millville, West Virginia - (MILW2)</u>	Flood = 10.0	12.98	37,400	Flood = 10.0	10.0 (minor)	32.40
Shenandoah River - (WFO LWX)	9/28/2018	September 29, 2018 13:00:00 EST		9/30/2018	14.0 (moderate)	230,000
Gage & Town/Jefferson County	10:05			12:30	17.0 (major)	October 16, 1942
Southeast PA & Delaware	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Chadds Ford, Pennsylvania - (CDFP1)</u>	Flood = 9.0	9.21	5,580	Flood = 9.0	9.0 (minor)	17.15
Brandywine Creek/Christina Basin - (WFO PHI)	9/28/2018	September 28, 2018 17:15:00 EST		9/28/2018	11.0 (moderate)	26,900
Gage & Town/Delaware County	15:00			17:45	13.0 (major)	September 17, 1999
<u>Norristown, Pennsylvania - (NRSP1)</u>	Flood = 13.0	13.38	31,900	Flood = 13.0	13.0 (minor)	25.10
Schuylkill River - (WFO PHI)	9/28/2018	September 28, 2018 11:15:00 EST		9/28/2018	17.0 (moderate)	not available
Gage & Town/Montgomery County	9:15			14:15	19.0 (major)	June 23, 1972

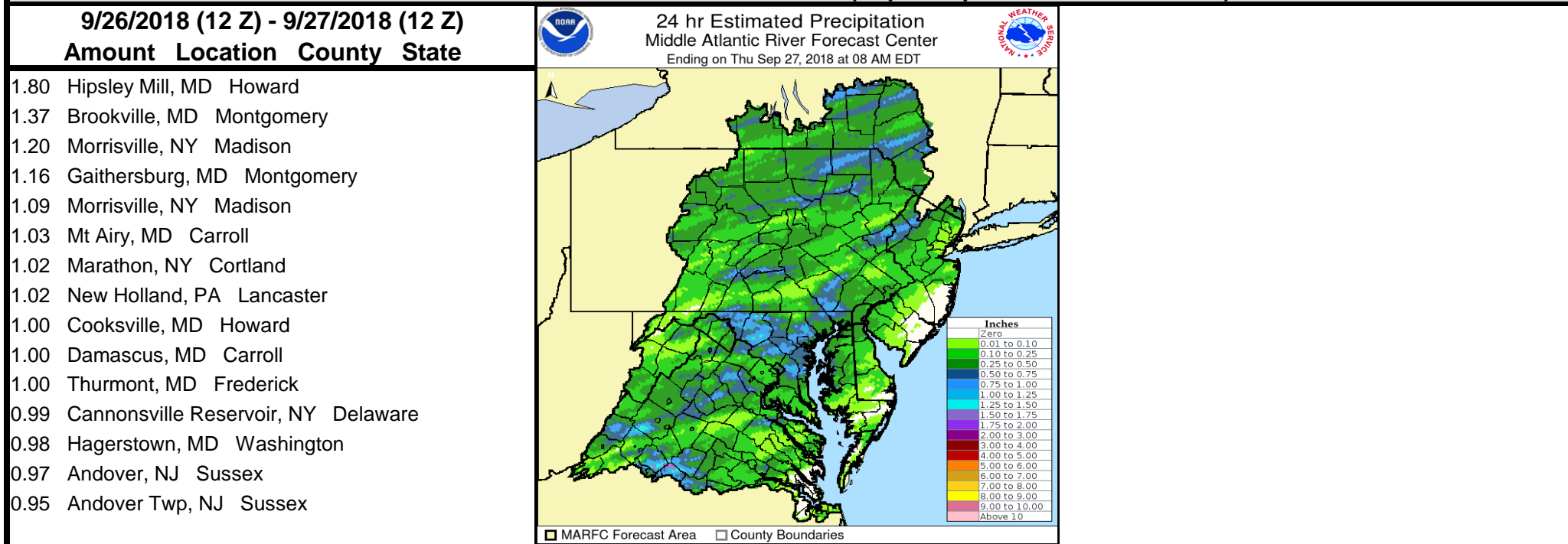
Crest Statistics

Flooding - 9/27/2018 - 9/30/2018
 Crests - 9/28/2018 - 9/30/2018
 Fifth flood of 5 - September, 2018
 Twenty-seventh flood in 2018
 Number of MARFC Forecast Points Flooding - **24**
 Number of Floods Cresting in **Minor** Range - 18
 Number of Floods Cresting in **Moderate** Range - 5
 Number of Floods Cresting in **Major** Range - 0
 Number of Floods Cresting in **Missing** Range - 1
MARFC Power Ranking - 44 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)
 Number of MARFC records - 0
 E = Estimated

Weather Summary

Low pressure moved east-northeastward along a frontal boundary dropping as much as 1 to nearly 4 inches of rain. An unusually wet stretch of several months left the region easily susceptible to flooding.

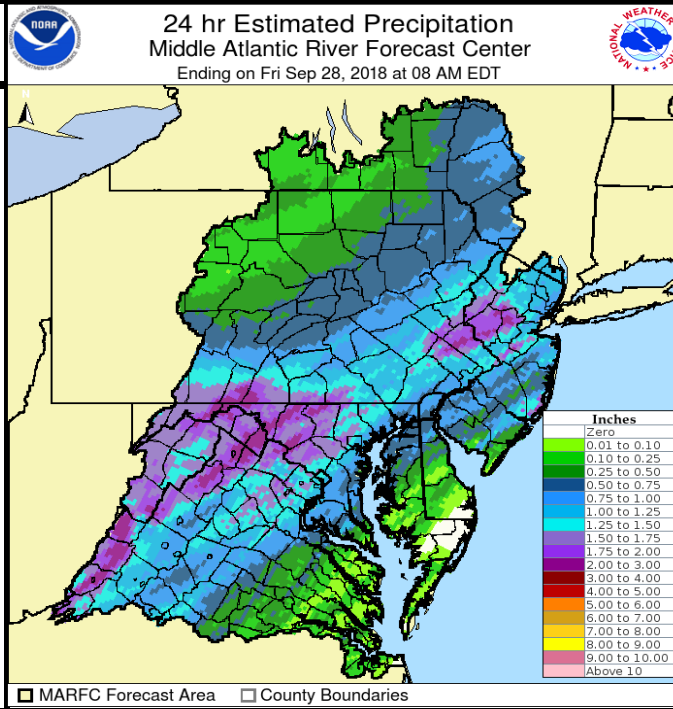
TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)



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

9/27/2018 (12 Z) - 9/28/2018 (12 Z)
Amount Location County State

2.80	Covington, VA	Alleghany	
2.73	Spruce Run, NJ	Hunterdon	
2.67	Todd Lake Dam, VA	Augusta	
2.62	Covington, VA	Alleghany	
2.58	Hot Springs, VA	Bath	
2.38	Cassidy Ridge, VA	Bath	
2.35	Round Hill, VA	Loudoun	
2.18	Green Ridge, MD	Alleghany	
2.17	Accident, MD	Garrett	
2.10	Stephens City, VA	Frederick	
2.03	Shannondale, WV	Jefferson	
2.02	Sterling (Dulles Apt), VA	Fairfax	
2.02	Leesburg, VA	Loudoun	
2.01	Strasburg, VA	Shenandoah	
2.00	Hipsley Mill, MD	Howard	
2.00	Williamsville, VA	Highland	



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	5	4	0	0	1	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	14	9	5	0	0	5
Rappahannock	1	1	0	0	0	0
Raritan	0	0	0	0	0	0
SE PA and Delaware (state)	2	2	0	0	0	0
Shenandoah	2	2	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)	2	2	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)	2	2	0	0	0	0
State College, PA (CTP)	0	0	0	0	0	0
Sterling, VA (LWX)	17	12	5	0	0	5
Wakefield, VA (AKQ)	3	2	0	0	1	0