

September 17 - September 22, 2018 Preliminary Flood Summary

Appomattox						
	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Mattoax, Virginia - (MTXV2)</u>	Flood = 21.0	22.31	6,540	Flood = 21.0	21.0 (minor)	35.30
Appomattox River - (WFO AKQ)	9/17/2018	September 18, 2018 4:45:00 EST		9/19/2018	25.0 (moderate)	35,000
Gage & Town/Amelia Co	22:45			10:35	28.0 (major)	August 18, 1940
<u>Mattoax, Virginia - (MTXV2)</u>	Flood = 21.0	21.81	5,990	Flood = 21.0	21.0 (minor)	35.30
Appomattox River - (WFO AKQ)	9/20/2018	September 21, 2018 12:00:00 EST		9/22/2018	25.0 (moderate)	35,000
Gage & Town/Amelia Co	15:30			7:25	28.0 (major)	August 18, 1940
James						
	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Cartersville, Virginia - (CARV2)</u>	Flood = 20.0	20.02	70,600	Flood = 20.0	20.0 (minor)	37.87
James River - (WFO AKQ)	9/18/2018	September 18, 2018 13:45:00 EST		9/18/2018	23.0 (moderate)	362,000
Gage/Goochland Co - Town/Cumberland Co	13:00			14:30	26.4 (major)	June 22, 1972
<u>Palmyra, Virginia - (PYAV2)</u>	Flood = 17.0	24.22	24,800	Flood = 17.0	17.0 (minor)	39.85
Rivanna River - (WFO AKQ)	9/17/2018	September 18, 2018 5:30:00 EST		9/18/2018	25.0 (moderate)	86,000
Gage & Town/Fluvanna County	23:48			14:16	32.0 (major)	August 20, 1969
<u>Richmond, Virginia - (RMDV2)</u>	Flood = 12.0	15.12	67,900	Flood = 12.0	12.0 (minor)	28.62
James River - (WFO AKQ)	9/18/2018	September 19, 2018 5:30:00 EST		9/19/2018	15.0 (moderate)	313,000
Gage & Town/Independent City/Henrico County	9:40			22:50	22.0 (major)	June 23, 1972
<u>Richmond City Locks, Virginia - (RICV2)</u>	Flood = 8.0	10.99	M	Flood = 8.0	8.0 (minor)	36.50
James River - (WFO AKQ)	9/18/2018	September 19, 2018 5:10:00 EST		9/19/2018	19.0 (moderate)	not available
Gage & Town/Independent City/Henrico County	14:52			19:42	28.0 (major)	June 23, 1972
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	14.34	35,100	Flood = 12.0	12.0 (minor)	34.80
South Fork Shenandoah River - (WFO LWX)	9/18/2018	September 18, 2018 22:35:00 EST		9/19/2018	14.0 (moderate)	130,000
Gage & Town/Warren County	13:10			8:35	18.0 (major)	October 16, 1942
<u>Luray, VA - (SFSV2)</u>	Flood = 14.0	17.63	39,700	Flood = 14.0	14.0 (minor)	26.95
South Fork Shenandoah River - (WFO LWX)	9/18/2018	September 18, 2018 11:20:00 EST		9/18/2018	20.0 (moderate)	112,000
Gage & Town/Page County	1:25			23:55	25.0 (major)	September 7, 1996

Lynwood, Virginia - (LYWV2)	Flood = 16.0	20.16	37,900	Flood = 16.0	16.0 (minor)	30.84
South Fork Shenandoah River - (WFO LWX)	9/17/2018	September 18, 2018 1:00:00 EST		9/18/2018	17.0 (moderate)	107,000
Gage & Town/Rockingham County	18:45			15:00	20.0 (major)	September 7, 1996
Millville, West Virginia - (MILW2)	Flood = 10.0	13.50	40,500	Flood = 10.0	10.0 (minor)	32.40
Shenandoah River - (WFO LWX)	9/18/2018	September 19, 2018 6:15:00 EST		9/20/2018	14.0 (moderate)	230,000
Gage & Town/Jefferson County	17:55			1:35	17.0 (major)	October 16, 1942
Waynesboro, Virginia - (WAYV2)	Flood = 9.5	11.92	9,180	Flood = 9.5	9.5 (minor)	15.30
South River - (WFO LWX)	9/17/2018	September 17, 2018 13:00:00 EST		9/17/2018	11.0 (moderate)	17,500
Gage/Independent City/Augusta County	9:35			19:30	13.0 (major)	November 4, 1985
Susquehanna Basin (North Branch)	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Chenango Forks, New York - (CNON6)	Flood = 10.0	10.93	25,200	Flood = 10.0	10.0 (minor)	20.30
Chenango River - (WFO BGM)	9/18/2018	September 18, 2018 8:05:00 EST		9/18/2018	12.6 (moderate)	96,000
Gage & Town/Broome County	4:40			12:05	14.0 (major)	July 8, 1935
Greene, New York - (GNEN6)	Flood = 13.0	14.08	11,300	Flood = 13.0	13.0 (minor)	22.00
Chenango River - (WFO BGM)	9/18/2018	September 18, 2018 11:30:00 EST		9/18/2018	15.0 (moderate)	not available
Gage & Town/Chenango County	6:55			15:55	18.0 (major)	July 8, 1935
Waverly, New York - (WVYN6)	Flood = 13.0	13.80	60,100	Flood = 13.0	13.0 (minor)	26.67
Susquehanna River (North BR) - (WFO BGM)	9/18/2018	September 18, 2018 18:15:00 EST		9/19/2018	16.0 (moderate)	167,000
Gage/Bradford Co, PA - Town/Tioga Co, NY	14:00			0:25	20.0 (major)	September 8, 2011

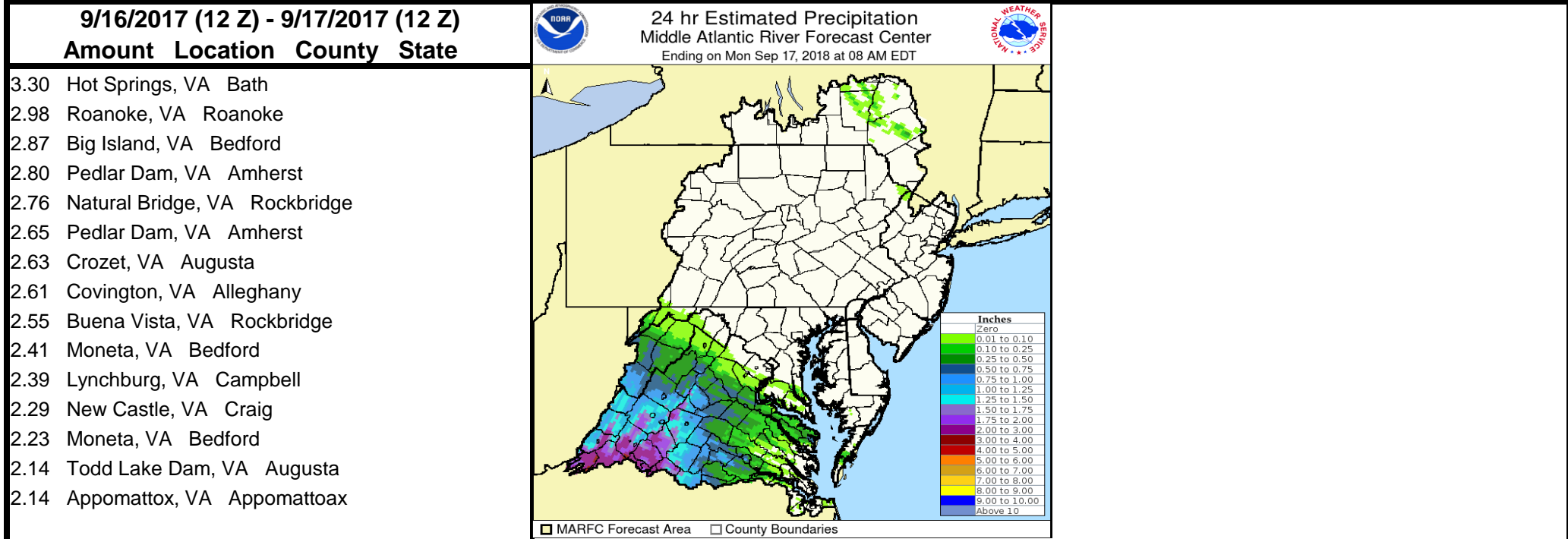
Crest Statistics

Flooding - 9/17/2018 - 9/22/2018
 Crests - 9/17/2018 - 9/21/2018
 Third flood of 5 - September, 2018
 Twenty-fifth flood in 2018
 Number of MARFC Forecast Points Flooding - **14**
 Number of Floods Cresting in **Minor** Range - 10
 Number of Floods Cresting in **Moderate** Range - 3
 Number of Floods Cresting in **Major** Range - 1
 Number of Floods Cresting in **Missing** Range - 0
MARFC Power Ranking - 34 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)
 Number of MARFC records - 0
 E = Estimated

Weather Summary

The remnants of what was once Hurricane Florence moved through the Mid-Atlantic dropping heavy amounts of rain in some areas.

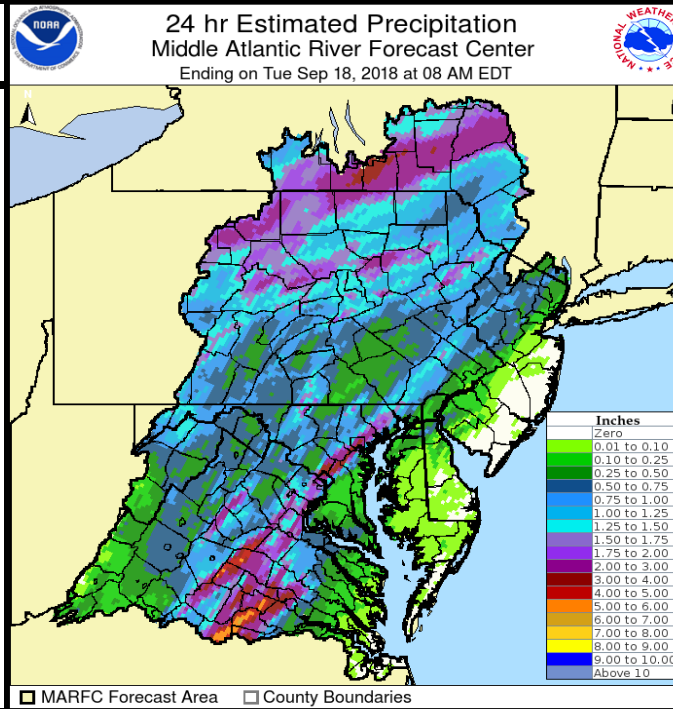
TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)



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

9/17/2017 (12 Z) - 9/18/2017 (12 Z)
Amount Location County State

5.49	Gordonsville, VA	Louisa	
4.46	Van Etten, NY	Chemung	
4.17	Laurens, NY	Otsego	
4.16	Berkshire, NY	Tioga	
3.88	Baltimore Inner Harbor, MD	Baltimore	
3.85	West Elmira, NY	Chemung	
3.80	Elmira, NY	Chemung	
3.78	Farmville, VA	Cumberland	
3.60	Farmville, VA	Prince Edward	
3.49	Sidney, NY	Delaware	
3.28	Milford, NY	Otsego	
3.24	Elmira, NY	Chemung	
3.20	Hunts Corner, NY	Cortland	
3.19	Whitney Point Dam, NY	Broome	
3.11	Binghamton, NY	Broome	



Floods by MARFC Basins						
MARFC Basins	Fcst Points	Minor	Moderate	Major	Unknown	Mod & Major
Appomattox	2	2	0	0	0	0
Chemung	0	0	0	0	0	0
Delaware	0	0	0	0	0	0
James	4	3	1	0	0	1
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	3	3	0	0	0	0
Passaic	0	0	0	0	0	0
Potomac	0	0	0	0	0	0
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	5	2	2	1	0	3
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)	3	3	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)	5	2	2	1	0	3
Wakefield, VA (AKQ)	6	5	1	0	0	1