

May 31 - June 1, 2018 Preliminary Flood Summary

James	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Palmyra, Virginia - (PYAV2)	Flood = 17.0	25.51	28,800	Flood = 17.0	17.0 (minor)	39.85
Rivanna River - (WFO AKQ)	5/31/2018	June 1, 2018		6/1/2018	25.0 (moderate)	86,000
Gage & Town/Fluvanna County	12:53	12:30:00 EST		15:50	32.0 (major)	August 20, 1969
Rappahannock	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Culpeper, Virginia - (CLPV2)	Flood = 13.0	14.64	15,100	Flood = 13.0	13.0 (minor)	30.40
Rapidan River - (WFO LWX)	5/31/2018	June 1, 2018		6/1/2018	17.0 (moderate)	59,300
Gage & Town/Culpeper County	18:10	3:30:00 EST		8:25	21.0 (major)	June 28, 1995

Crest Statistics

Flooding - 5/31/2018 - 6/1/2018
 Crests - 6/1/2018 - 6/1/2018
 Fourth flood of 4 - May, 2018
 Eleventh flood in 2018
 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 training cluster of thunderstorms set up along the Blue Ridge Mountains of Virginia dropping several inches of rain.

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

5/30/2018 (12 Z) - 5/31/2018 (12 Z)		
Amount Location County State		
7.44 Earlysville, VA Albemarle	<p style="font-size: small;"> NOAA 24 hr Estimated Precipitation Middle Atlantic River Forecast Center Ending on Thu May 31, 2018 at 08 AM EDT NATIONAL WEATHER SERVICE 2018 </p> <p style="font-size: x-small;"> Legend: Inches Zero 0.01 to 0.10 0.10 to 0.25 0.25 to 0.50 0.50 to 0.75 0.75 to 1.00 1.00 to 1.25 1.25 to 1.50 1.50 to 1.75 1.75 to 2.00 2.00 to 3.00 3.00 to 4.00 4.00 to 5.00 5.00 to 6.00 Above 6 </p> <p style="font-size: x-small;"> MARFC Forecast Area County Boundaries </p>	
5.44 Lewis Mountain Camp, VA Page		
5.06 Big Meadows, VA Page		
4.14 Afton Mountain, VA Nelson		
4.02 Sherando, VA Augusta		
3.40 Matthews Arm, VA Page		
3.39 Charlottesville Airport, VA Albemarle		
2.01 Luray, VA Page		
1.77 Upper Sherando, VA Augusta		
1.71 Somerset, VA Orange		
1.67 Todd Lake Dam, VA Augusta		
1.63 Hood, VA Madison		
1.62 Charlottesville, VA Albemarle		
1.51 Gordonsville, VA Louisa		
1.48 Stanley, VA Page		

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	1	0	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	0	0	0	0	0	0
Passaic	0	0	0	0	0	0
Potomac	0	0	0	0	0	0
Rappahannock	1	1	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)	0	0	0	0	0	0
Sterling, VA (LWX)	1	1	0	0	0	0
Wakefield, VA (AKQ)	1	0	1	0	0	1