

## May 5 - May 7, 2017 Preliminary Flood Summary

<b>James</b>	<b>Above FS (ft)</b>	<b>Crest (ft)</b>	<b>Streflow (cfs)</b>	<b>Below FS (ft)</b>	<b>Category (ft)</b>	<b>Record (ft) - (cfs)</b>
<b>Bremo Bluff, Virginia - (BREV2)</b>	Flood = 19.0	<b>21.30</b>	<b>M</b>	Flood = 19.0	19.0 (minor)	44.80
James River - (WFO AKQ)	5/6/2017	<b>May 6, 2017 17:00:00 EST</b>		5/7/2017	23.0 (moderate)	not available
Gage & Town/Fluvanna County	3:15			3:00	34.0 (major)	June 22, 1972
<b><u>Palmyra, Virginia - (PYAV2)</u></b>	Flood = 17.0	<b>17.83</b>	<b>12,000</b>	Flood = 17.0	17.0 (minor)	39.85
Rivanna River - (WFO AKQ)	5/5/2017	<b>May 6, 2017 2:15:00 EST</b>		5/6/2017	25.0 (moderate)	86,000
Gage & Town/Fluvanna County	21:50			5:00	32.0 (major)	August 20, 1969
<b><u>Richmond, Virginia - (RMDV2)</u></b>	Flood = 12.0	<b>13.92</b>	<b>56,800</b>	Flood = 12.0	12.0 (minor)	28.62
James River - (WFO AKQ)	5/6/2017	<b>May 7, 2017 3:30:00 EST</b>		5/7/2017	15.0 (moderate)	313,000
Gage & Town/Independent City/Henrico County	9:10			22:00	22.0 (major)	June 23, 1972
<b><u>Richmond City Locks, Virginia - (RICV2)</u></b>	Flood = 8.0	<b>9.14</b>	<b>M</b>	Flood = 8.0	8.0 (minor)	36.50
James River - (WFO AKQ)	5/6/2017	<b>May 7, 2017 4:30:00 EST</b>		5/7/2017	19.0 (moderate)	not available
Gage & Town/Independent City/Henrico County	23:36			16:55	28.0 (major)	June 23, 1972
<b>Juniata Basin</b>	<b>Above FS (ft)</b>	<b>Crest (ft)</b>	<b>\</b>	<b>Below FS (ft)</b>	<b>Category (ft)</b>	<b>Record (ft) - (cfs)</b>
<b><u>Shirleysburg, Pennsylvania - (SLYP1)</u></b>	Flood = 10.0	<b>11.44</b>	<b>7,670</b>	Flood = 10.0	10.0 (minor)	19.46
Aughwick Creek - (WFO CTP)	5/5/2017	<b>May 6, 2017 2:15:00 EST</b>		5/6/2017	12.0 (moderate)	44,400
Gage & Town/Huntingdon County	15:55			8:40 AM	20.0 (major)	January 19, 1996
<b>Potomac</b>	<b>Above FS (ft)</b>	<b>Crest (ft)</b>	<b>Streflow (cfs)</b>	<b>Below FS (ft)</b>	<b>Category (ft)</b>	<b>Record (ft) - (cfs)</b>
<b><u>Great Cacapon, West Virginia - (GCPW2)</u></b>	Flood = 9.0	<b>10.30</b>	<b>7,770</b>	Flood = 9.0	9.0 (minor)	30.10
Cacapon River - (WFO LWX)	5/6/2017	<b>May 6, 2017 6:45:00 EST</b>		5/6/2017	16.0 (moderate)	87,600
Gage & Town/Morgan County	0:20			19:15	20.0 (major)	March 18, 1936
<b><u>Martinsburg, West Virginia - (MBGW2)</u></b>	Flood = 10.0	<b>11.19</b>	<b>3,250</b>	Flood = 10.0	10.0 (minor)	18.76
Opequon Creek - (WFO LWX)	5/5/2017	<b>May 6, 2017 2:00:00 EST</b>		5/6/2017	12.5 (moderate)	23,400
Gage & Town/Berkeley County	18:55			6:20	15.0 (major)	January 20, 1996
<b>Rappahannock</b>	<b>Above FS (ft)</b>	<b>Crest (ft)</b>	<b>Streflow (cfs)</b>	<b>Below FS (ft)</b>	<b>Category (ft)</b>	<b>Record (ft) - (cfs)</b>
<b><u>Remington, Virginia - (RENV2)</u></b>	Flood = 15.0	<b>16.53</b>	<b>13,800</b>	Flood = 15.0	15.0 (minor)	30.00
Rappahannock River - (WFO LWX)	5/6/2017	<b>May 6, 2017 6:00:00 EST</b>		5/6/2017	20.0 (moderate)	90,000
Gage & Town/Fauquier County	1:25			11:25	25.0 (major)	October 16, 1942

Shenandoah	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#">Millville, West Virginia - (MILW2)</a>	Flood = 10.0	<b>10.61</b>	<b>25,000</b>	Flood = 10.0	10.0 (minor)	32.40
Shenandoah River - (WFO LWX)	5/6/2017	<b>May 7, 2017 1:15:00 EST</b>		5/7/2017	14.0 (moderate)	230,000
Gage & Town/Jefferson County	20:05			8:20	17.0 (major)	October 16, 1942
Susquehanna Basin (North Branch)	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#">Cortland, New York - (CRTN6)</a>	Flood = 8.0	<b>8.12</b>	<b>3,770</b>	Flood = 8.0	8.0 (minor)	14.07
Tioughnioga River - (WFO BGM)	5/7/2017	<b>May 7, 2017 9:15:00 EST</b>		5/7/2017	10.0 (moderate)	14,200
Gage & Town/Cortland County	6:00			13:50	12.5 (major)	April 3, 2005

#### Crest Statistics

Flooding - 5/5/2017 - 5/7/2017  
 Crests - 5/6/2017 - 5/7/2017  
 First flood of 2 - May, 2017  
 Fifth flood in 2017  
 Number of MARFC Forecast Points Flooding - 10  
 Number of Floods Cresting in **Minor** Range - 10  
 Number of Floods Cresting in **Moderate** Range - 0  
 Number of Floods Cresting in **Major** Range - 0  
 Number of Floods Cresting in **Missing** Range - 0  
**MARFC Power Ranking** - 10 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)  
 Number of MARFC records - 0  
 E = Estimated

#### Weather Summary

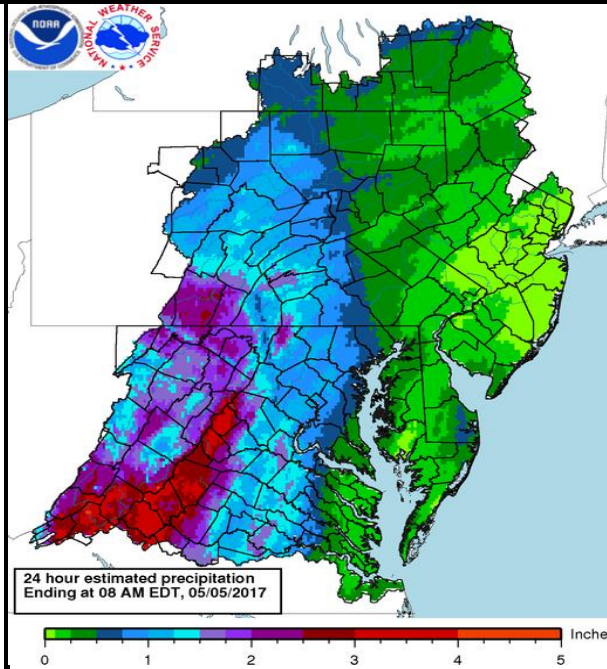
Deepening low pressure in the Ohio Valley and southern Appalachians eventually closed off at upper levels and then moved slowly northeastward. This allowed for a prolonged period of moist, southerly flow to cause moderate and heavy rainfall exceeding 4 inches at several locations in Virginia and New Jersey over a 48 to 72 hour period. The heaviest rainfall in New Jersey was far enough east of inland river points and did not lead to flooding. Localized areas scattered throughout the Mid-Atlantic received sufficient rainfall to cause flooding in New York and Pennsylvania as well. All flooding was minor.

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

**5/4/2017 (12 Z) - 5/5/2017 (12 Z)**

**Amount Location**

- 4.36" Montebello, VA
- 4.34" Madison, VA
- 4.16" Toms Branch, VA
- 3.92" Upper Sherando, VA
- 3.65" Big Meadows, VA
- 3.60" Glasgow, VA
- 3.55" Afton Mountain, VA
- 3.54" Haywood, VA
- 3.50" Washington, VA
- 3.30" Stuarts Draft, VA
- 3.27" Abbott, VA
- 3.22" Charlottesville, VA
- 3.18" Earlysville, VA
- 3.10" Matthews Arm, VA
- 2.97" Sperryville, VA

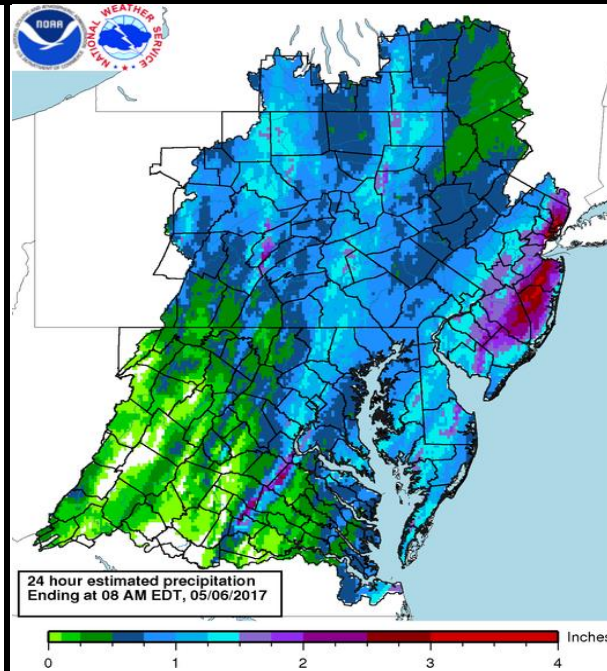


**TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)**

**5/5/2017 (12 Z) - 5/6/2017 (12 Z)**

**Amount Location**

- 3.34" Teterboro, NJ
- 3.14" Newark Airport, NJ
- 3.11" Freehold, NJ
- 2.96" Harrison, NJ
- 2.95" Jackson, NJ
- 2.90" River Vale, NJ
- 2.72" Lodi, NJ
- 2.63" Chatsworth, NJ
- 2.38" Lakewood, NJ
- 2.31" Laguardia Airport, NY
- 2.31" Ocean Twp, NJ
- 2.23" Folsom, NJ
- 2.20" Buena Vista, NJ
- 2.19" Rumson, NJ
- 2.12" Stafford, NJ

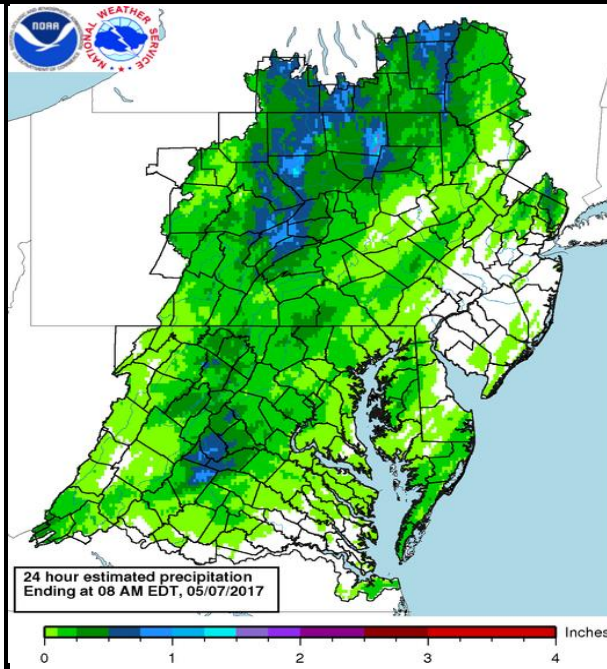


**TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)**

**5/6/2017 (12 Z) - 5/7/2017 (12 Z)**

**Amount Location**

- 0.96" Whitney Point, NY
- 0.96" Westmoreland, NY
- 0.94" Cazenovia, NY
- 0.93" Davis, WV
- 0.90" Munnsville, NY
- 0.82" Covington, PA
- 0.79" Canaan Valley, WV
- 0.77" Tully, NY
- 0.76" Mansfield, PA
- 0.72" Earlsville, NY
- 0.70" Windsor, NY
- 0.70" Cincinnatus, NY
- 0.70" Tannersville, NY
- 0.69" Osceola, NY
- 0.69" Waverly, NY



**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	4	4	0	0	0	0
Juniata	1	1	0	0	0	0
Lehigh	0	0	0	0	0	0
Lower Main Stem Susquehanna	0	0	0	0	0	0
North Branch Susquehanna	1	1	0	0	0	0
Passaic	0	0	0	0	0	0
Potomac	2	2	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	1	1	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**

<b>Forecast Office</b>	<b>Fcst Points</b>	<b>Minor</b>	<b>Moderate</b>	<b>Major</b>	<b>Unknown</b>	<b>Mod &amp; Major</b>
Blacksburg, VA (RNK)	0	0	0	0	0	0
Binghamton, NY (BGM)	1	1	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)	4	4	0	0	0	0
Wakefield, VA (AKQ)	4	4	0	0	0	0

