

May 25 - May 28, 2017 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	23.00E	E 59,000	Flood = 19.0	19.0 (minor)	44.80
James River - (WFO AKQ)	5/26/2017	May 26, 2017		5/27/2017	23.0 (moderate)	not available
Gage & Town/Fluvanna County	E 2:00:00 AM	E 11:00:00 EST		E 7:00:00 AM	34.0 (major)	June 22, 1972
<u>Buchanan, Virginia - (BNNV2)</u>	Flood = 17.0	17.43	33,800	Flood = 17.0	17.0 (minor)	38.84
James River - (WFO RNK)	5/25/2017	May 25, 2017		5/25/2017	21.0 (moderate)	179,000
Gage & Town/Botetourt County	16:00	19:00:00 EST		23:15	26.0 (major)	November 5, 1985
<u>Richmond, Virginia - (RMDV2)</u>	Flood = 12.0	14.27	59,700	Flood = 12.0	12.0 (minor)	28.62
James River - (WFO AKQ)	5/26/2017	May 27, 2017		5/28/2017	15.0 (moderate)	313,000
Gage & Town/Independent City/Henrico County	7:45	8:30:00 EST		0:35	22.0 (major)	June 23, 1972
<u>Richmond City Locks, Virginia - (RICV2)</u>	Flood = 8.0	10.15	M	Flood = 8.0	8.0 (minor)	36.50
James River - (WFO AKQ)	5/26/2017	May 27, 2017		5/27/2017	19.0 (moderate)	not available
Gage & Town/Independent City/Henrico County	16:05	8:12:00 EST		22:42	28.0 (major)	June 23, 1972
Shenandoah	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Millville, West Virginia - (MILW2)</u>	Flood = 10.0	10.59	24,900	Flood = 10.0	10.0 (minor)	32.40
Shenandoah River - (WFO LWX)	5/26/2017	May 26, 2017		5/27/2017	14.0 (moderate)	230,000
Gage & Town/Jefferson County	19:25	23:30:00 EST		8:15	17.0 (major)	October 16, 1942

Crest Statistics

Flooding - 05/25/2017 - 05/27/2017
 Crests - 05/25/2017 - 05/28/2017
 Second flood of 2 - May, 2017
 Sixth flood in 2017
 Number of MARFC Forecast Points Flooding - 5
 Number of Floods Cresting in **Minor** Range - 4
 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 - 9 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)
 Number of MARFC records - 0
 E = Estimated

Weather Summary

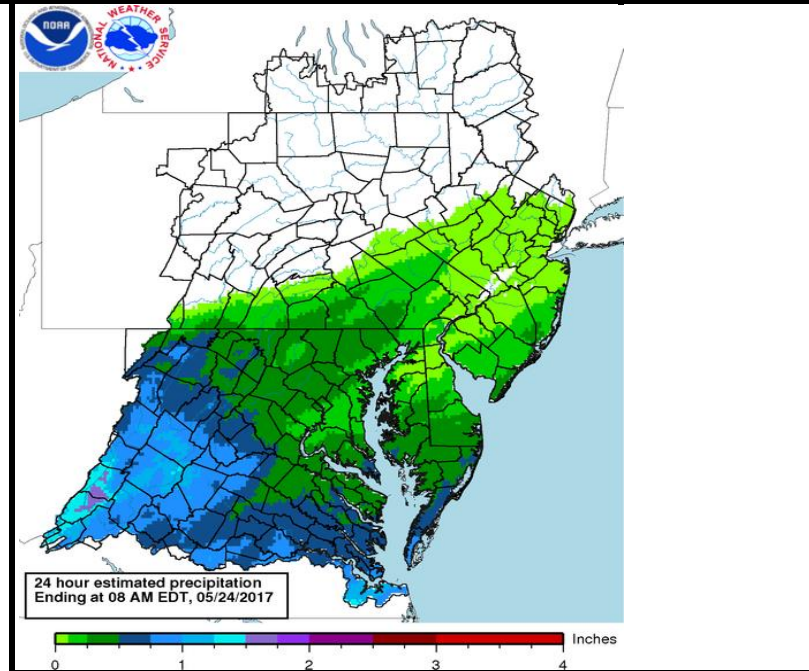
A series of low pressure systems passed south and east of the Mid-Atlantic over a 3 to 4 day period. The heaviest rains persisted in western Virginia and the eastern panhandle of West Virginia where amounts exceeded 3 inches in some locations. This was enough to cause minor flooding at 4 forecast points. Further north and east, amounts were not heavy enough and/or were spread out over a longer time period.

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

5/23/2017 (12 Z) - 5/24/2017 (12 Z)

Amount Location

1.52" Mason Creek, VA
1.51" Glasgow, VA
1.43" Carvin Creek, VA
1.40" Stuarts Draft, VA
1.40" Covington, VA
1.39" Norfolk, VA
1.35" Great Dismal Swamp (Virginia Beach), VA
1.32" Abbott, VA
1.32" Big Island, VA
1.31" Fore Mountain, VA
1.30" Ford, VA
1.28" Hot Springs, VA
1.26" New Castle, VA
1.26" Rich Patch, VA
1.20" Staunton, VA

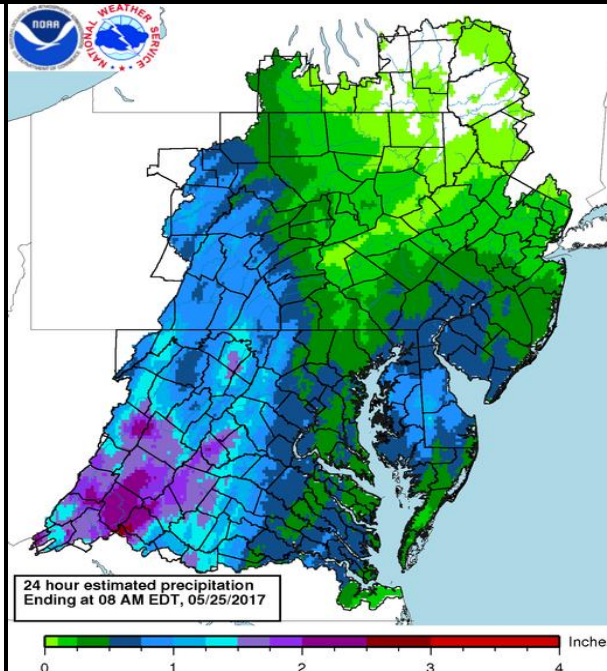


TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)

5/24/2017 (12 Z) - 5/25/2017 (12 Z)

Amount Location

- 3.13" Glasgow, VA
- 2.80" Montebello, VA
- 2.70" Pedlar Dam, VA
- 2.49" Afton Mountain, VA
- 2.46" Madison, VA
- 2.33" Briery Branch, VA
- 2.11" Cresaptown, MD
- 2.08" Hearthstone Lake Dam, VA
- 2.02" Charlottesville, VA
- 2.00" Staunton, VA
- 2.00" Jones Hollow, VA
- 2.00" Hot Springs, VA
- 1.97" Natural Bridge, VA
- 1.97" Murat, VA
- 1.95" Big Meadows, VA

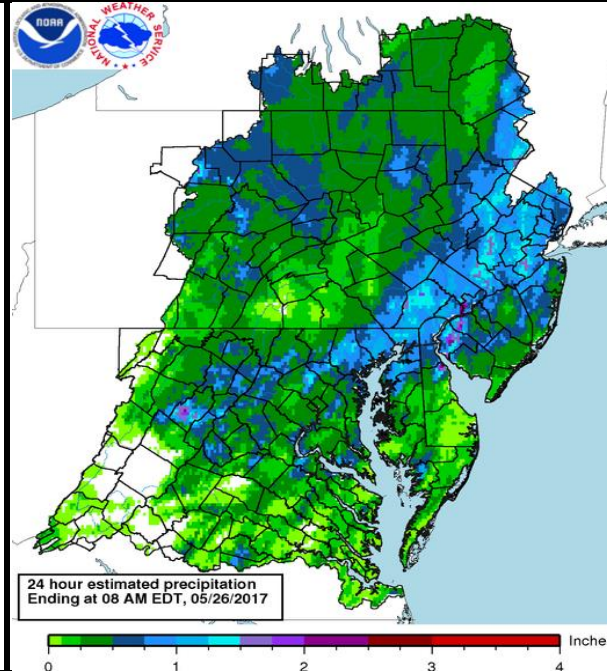


TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)

5/25/2017 (12 Z) - 5/26/2017 (12 Z)

Amount Location

- 2.21" Flemington, NJ
- 2.15" Lebanon, NJ
- 2.15" Langhorne, PA
- 2.05" Clinton Twp., NJ
- 1.94" Brookville, MD
- 1.93" Columbia Furnace, VA
- 1.77" Philadelphia, PA
- 1.74" Stockton, NJ
- 1.70" Mountainside, NJ
- 1.60" Califon, NJ
- 1.64" Rock Hill, NY
- 1.62" Reisterstown, MD
- 1.58" Charlotteburg, NJ
- 1.56" Bowie, MD
- 1.53" St Marys, PA



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	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	0	0	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	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						
Forecast Office	Fcst Points	Minor	Moderate	Major	Unknown	Mod & Major
Blacksburg, VA (RNK)	1	1	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)	3	2	1	0	0	1