

July 28 - July 30, 2017 Preliminary Flood Summary

Potomac	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Dawsonville, Maryland - (DAWM2)</u>	Flood = 7.5	8.87	3,490	Flood = 7.5	7.5 (minor)	16.40
Seneca Creek - (WFO LWX)	7/28/2017	July 29, 2017		7/29/2017	11.0 (moderate)	26,100
Gage & Town/Montgomery County	20:35	00:50:00 EST		12:41	16.0 (major)	June 22, 1972
<u>Kitzmilller, Maryland - (KITM2)</u>	Flood = 9.0	9.35	12,000	Flood = 9.0	9.0 (minor)	16.50
North Branch Potomac River - (WFO LWX)	7/28/2017	July 28, 2017		7/29/2017	12.0 (moderate)	33,400
Gage & Town/Garrett County	22:25	23:10:00 EST		0:35	15.0 (major)	October 15, 1954
<u>Kitzmilller, Maryland - (KITM2)</u>	Flood = 9.0	10.71	18,200	Flood = 9.0	9.0 (minor)	16.50
North Branch Potomac River - (WFO LWX)	7/29/2017	July 29, 2017		7/29/2017	12.0 (moderate)	33,400
Gage & Town/Garrett County	8:40	11:45:00 EST		16:15	15.0 (major)	October 15, 1954
<u>Martinsburg, West Virginia - (MBGW2)</u>	Flood = 10.0	13.30	5,920	Flood = 10.0	10.0 (minor)	18.76
Opequon Creek - (WFO LWX)	7/29/2017	July 29, 2017		7/30/2017	12.5 (moderate)	23,400
Gage & Town/Berkeley County	8:20	18:00:00 EST		0:05	15.0 (major)	January 20, 1996

Crest Statistics

Flooding - 7/28/2017 - 7/30/2017

Crests - 7/28/2017 - 7/29/2017

Second flood of 2 - July, 2017

Eighth flood in 2017

Number of MARFC Forecast Points Flooding - **4**

Number of Floods Cresting in **Minor** Range - 3

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 - 8 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)

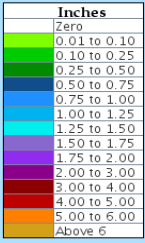
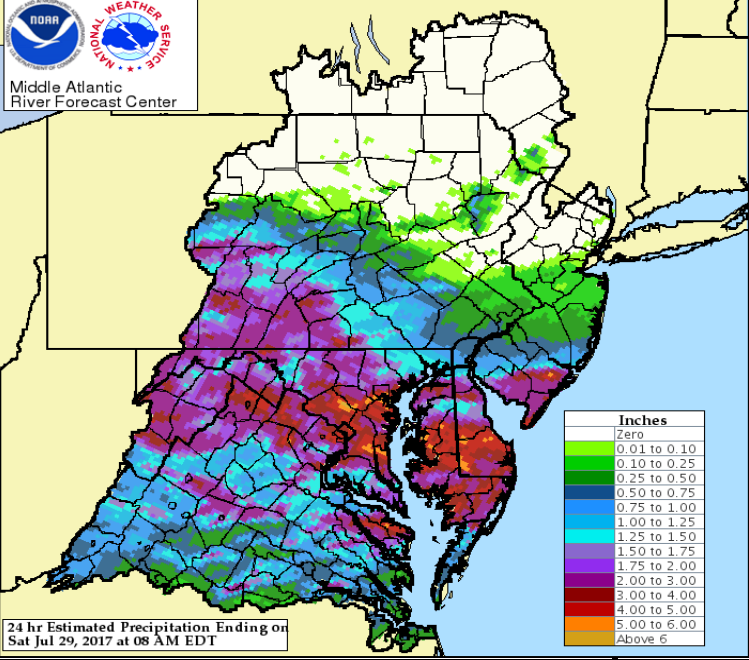
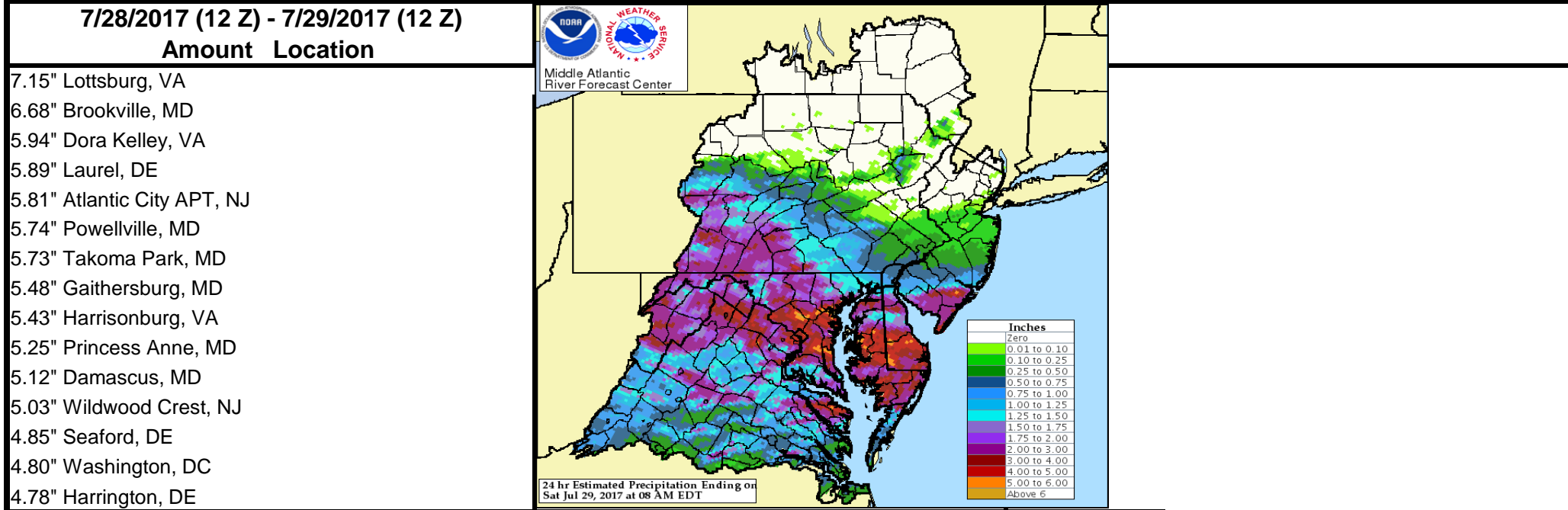
Number of MARFC records - 0

E = Estimated

Weather Summary

A winter-like storm system developed and rapidly intensified over the Mid-Atlantic beginning on July 28. With high dew points and ample available moisture, a large area of heavy rain with embedded thunderstorms quickly developed over south-central Pennsylvania and the Potomac River Basin. The thunderstorms were typically slow moving and were able to produce up to several inches of rainfall in short periods of time.

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

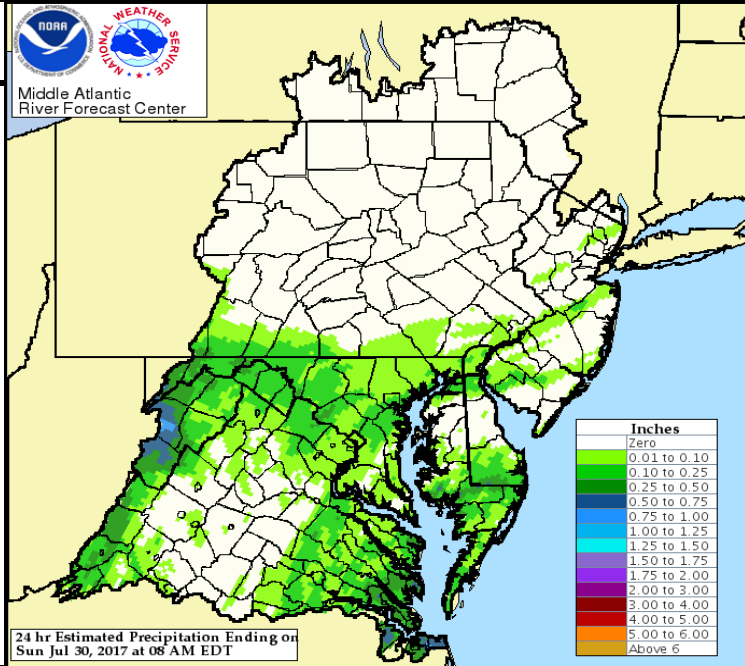


TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)

7/29/2017 (12 Z) - 7/30/2017 (12 Z)

Amount Location County State

- 2.03" Davis, WV
- 1.47" Cabins, WV
- 1.24" Fort Seybert, WV
- 1.24" Blackwater Falls, WV
- 1.23" Kitzmiller, MD
- 1.18" Virginia Beach, VA
- 1.16" Davis 4SE, WV
- 1.12" Petersburg, WV
- 1.08" Yoakum Run, WV
- 1.08" Bayard, WV



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	0	0	0	0	0	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	4	3	1	0	0	1
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	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)	4	3	1	0	0	1
Wakefield, VA (AKQ)	0	0	0	0	0	0