

## February 11 - February 14, 2018 Preliminary Flood Summary

<b>Delaware</b>						
	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#"><u>Pemberton, New Jersey - (PEBN4)</u></a>	Flood = 2.5	<b>2.76</b>	<b>827</b>	Flood = 2.5	2.5 (minor)	4.91
North Branch Rancocas Creek - (WFO PHI)	2/12/2018	<b>January 12, 2018 22:00:00 EST</b>		2/14/2018	3.5 (moderate)	2,400
Gage & Town/Burlington County	3:15			5:05	4.2 (major)	August 29, 2011
<b>James</b>						
	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<b>Bremo Bluff, Virginia - (BREV2)</b>	Flood = 19.0	<b>E23.50</b>	<b>E58100</b>	Flood = 19.0	19.0 (minor)	44.80
James River - (WFO AKQ)	E2/11/2018	<b>E2/12/2018 E5:45:00 EST</b>		E2/13/2018	23.0 (moderate)	not available
Gage & Town/Fluvanna County	E3:00:00 PM			E5:00:00 AM	34.0 (major)	June 22, 1972
<a href="#"><u>Cartersville, Virginia - (CARV2)</u></a>	Flood = 20.0	<b>20.58</b>	<b>74,000</b>	Flood = 20.0	20.0 (minor)	37.87
James River - (WFO AKQ)	2/11/2018	<b>February 12, 2018 4:15:00 EST</b>		2/12/2018	23.0 (moderate)	362,000
Gage/Goochland Co - Town/Cumberland Co	23:10			9:45	26.4 (major)	June 22, 1972
<a href="#"><u>Palmyra, Virginia - (PYAV2)</u></a>	Flood = 17.0	<b>17.93</b>	<b>12,100</b>	Flood = 17.0	17.0 (minor)	39.85
Rivanna River - (WFO AKQ)	2/11/2018	<b>February 11, 2018 16:05:00 EST</b>		2/11/2018	25.0 (moderate)	86,000
Gage & Town/Fluvanna County	12:40			20:00	32.0 (major)	August 20, 1969
<a href="#"><u>Richmond, Virginia - (RMDV2)</u></a>	Flood = 12.0	<b>15.40</b>	<b>70,900</b>	Flood = 12.0	12.0 (minor)	28.62
James River - (WFO AKQ)	2/11/2018	<b>February 12, 2018 19:30:00 EST</b>		2/13/2018	15.0 (moderate)	313,000
Gage & Town/Independent City/Henrico County	20:50			23:40	22.0 (major)	June 23, 1972
<a href="#"><u>Richmond City Locks, Virginia - (RICV2)</u></a>	Flood = 8.0	<b>11.25</b>	<b>M</b>	Flood = 8.0	8.0 (minor)	36.50
James River - (WFO AKQ)	2/12/2018	<b>February 12, 2018 19:50:00 EST</b>		2/13/2018	19.0 (moderate)	not available
Gage & Town/Independent City/Henrico County	2:55			19:35	28.0 (major)	June 23, 1972
<b>Raritan</b>						
	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#"><u>Blackwells Mills, New Jersey - (BKWN4)</u></a>	Flood = 9.0	<b>9.56</b>	<b>4,300</b>	Flood = 9.0	9.0 (minor)	21.24
Millstone River - (WFO PHI)	2/12/2018	<b>February 12, 2018 9:40:00 EST</b>		2/12/2018	10.0 (moderate)	20,700
Gage & Town/Somerset County	0:55			18:35	15.0 (major)	August 28, 2011
<b>Southeast PA &amp; Delaware</b>						
	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#"><u>Langhorne, Pennsylvania - (LNGP1)</u></a>	Flood = 9.0	<b>9.25</b>	<b>7,090</b>	Flood = 9.0	9.0 (minor)	22.84
Neshaminy Creek - (WFO PHI)	2/11/2018	<b>February 11, 2018 18:30:00 EST</b>		2/11/2018	10.0 (moderate)	49,300
Gage & Town/Bucks County	17:40			19:35	12.0 (major)	August 19, 1955

### Crest Statistics

Flooding - 2/11/2018 - 2/14/2018

Crests - 2/11/2018 - 2/12/2018

First flood of 2 - February, 2018

Third flood in 2018

Number of MARFC Forecast Points Flooding - **8**

Number of Floods Cresting in **Minor** Range - 6

Number of Floods Cresting in **Moderate** Range - 2

Number of Floods Cresting in **Major** Range - 0

Number of Floods Cresting in **Missing** Range - 0

**MARFC Power Ranking** - 16 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)

Number of MARFC records - 0

E = Estimated

### Weather Summary

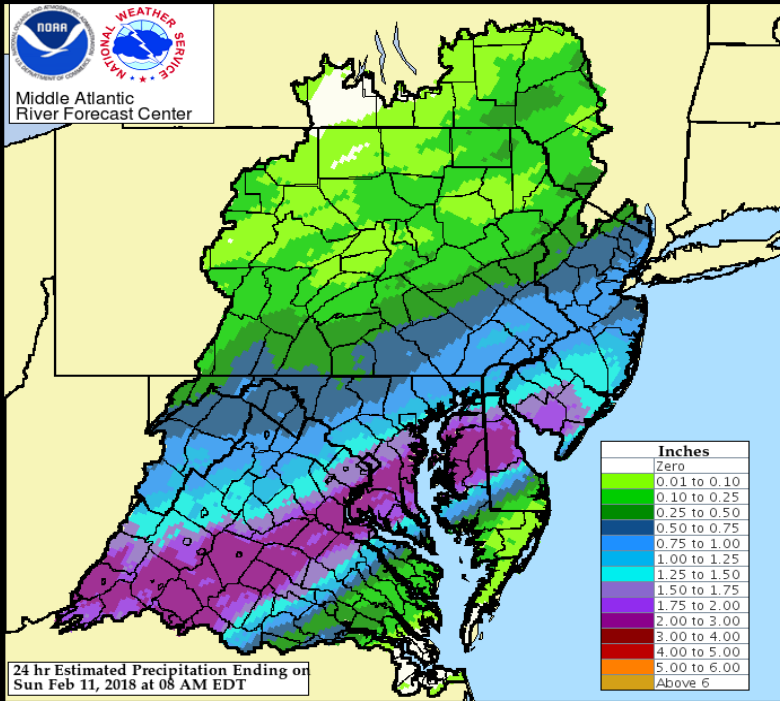
A band of heavy rain stretched from southwest Virginia northeastward into southern New Jersey missing areas with snow cover further north. Rain amounts ranged from 1 1/2 to over 4 inches in this band leading to some minor flooding for most locations that flooded. Rises were sufficient to reach moderate on the James River at Richmond, VA.

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

**2/10/2018 (12 Z) - 2/11/2018 (12 Z)**

**Amount Location County**

- 3.68" Kents Store, VA Goochland
- 3.45" Mechanicsville, MD St. Marys
- 3.37" Lynchburg, VA
- 3.17" Lynchburg, VA
- 3.12" Gordonsville, VA Louisa
- 3.08" Fredericksburg, VA
- 3.04" Prince Frederick, VA Calvert
- 2.97" Brandywine, MD Prince Georges
- 2.95" Trappe, MD Talbot
- 2.95" Moneta, VA Bedford
- 2.87" Palmyra, VA Fluvanna
- 2.85" Broad Run, VA Fauquier
- 2.77" Sandtown, DE Kent
- 2.77" Falmouth, VA Stafford
- 2.71" Greensboro, MD Caroline
- 2.70" Dunkirk, MD Calvert

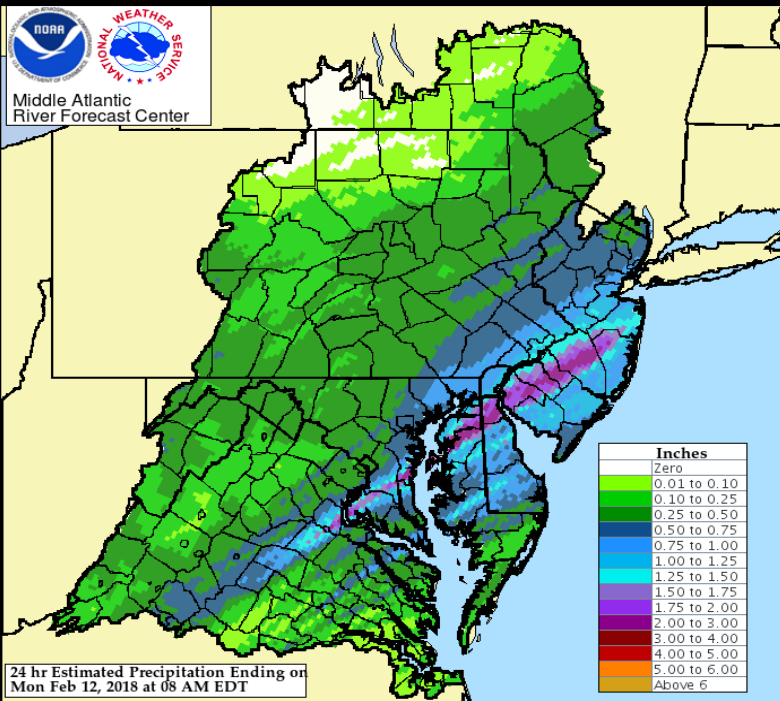


**TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)**

**2/11/2018 (12 Z) - 2/12/2018 (12 Z)**

**Amount Location County**

- 3.11" Stevensville, MD Queen Anne's
- 2.65" Sicklerville, NJ Camden
- 2.64" Blackbird, DE New Castle
- 2.45" Wrightstown, NJ Burlington
- 2.42" Middletown, DE New Castle
- 2.35" Winslow Twp, NJ Camden
- 2.21" Townsend, DE New Castle
- 2.16" Pitman, NJ Gloucester
- 2.09" Dunkirk, MD Calvert
- 1.97" Franklin Twp, NJ Gloucester
- 1.91" Centreville, MD Queen Anne's
- 1.84" Sandtown, DE Kent
- 1.83" Kenton, DE Kent
- 1.72" Howell Twp, NJ Monmouth
- 1.65" Mount Holly, NJ Burlington

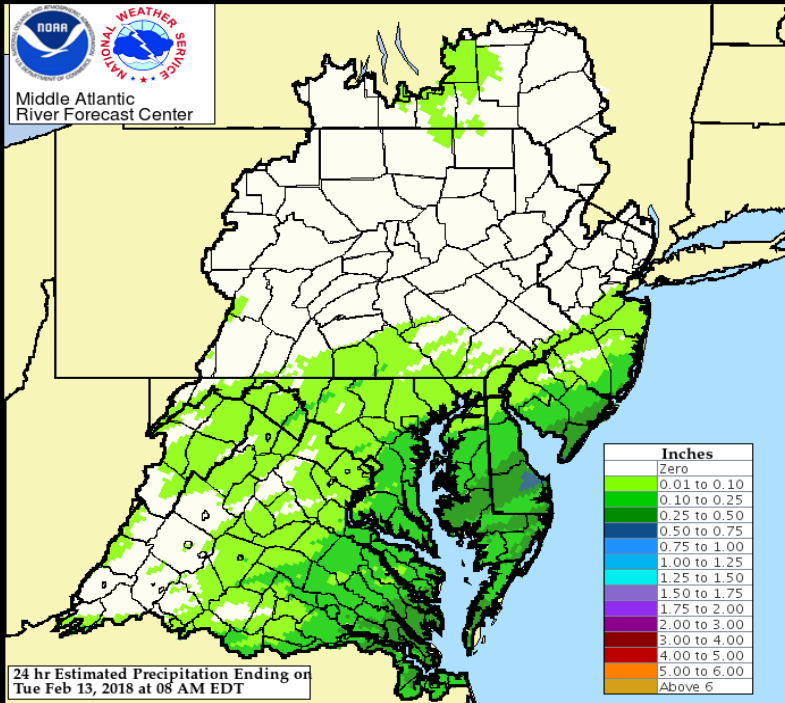


**TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)**

**2/12/2018 (12 Z) - 2/13/2018 (12 Z)**

**Amount Location County**

0.79"	Wildwood Crest, NJ	Cape May
0.50"	Georgetown, DE	Sussex
0.45"	Ellendale, DE	Sussex
0.42"	Cape May Court House	Cape May
0.42"	Winterpock, VA	Chesterfield
0.41"	North, VA	Mathews
0.39"	Salisbury, MD	Wicomico
0.39"	Seaford, DE	Sussex
0.38"	Bridgeville, DE	Sussex
0.37"	Woodbine, NJ	Cape May
0.36"	Egg Harbor Twp, NJ	Atlantic
0.36"	Newport News, VA	York
0.35"	Sea Isle City, NJ	Cape May
0.34"	Norfolk, VA	
0.34"	White Stone, VA	Middlesex



<b>Floods by MARFC Basins</b>						
<b>MARFC Basins</b>	<b>Fcst Points</b>	<b>Minor</b>	<b>Moderate</b>	<b>Major</b>	<b>Unknown</b>	<b>Mod &amp; Major</b>
Appomattox	0	0	0	0	0	0
Chemung	0	0	0	0	0	0
Delaware	1	1	0	0	0	0
James	5	3	2	0	0	2
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	1	1	0	0	0	0
SE PA and Delaware (state)	1	1	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
<b>Floods by NWS Weather Forecast Offices</b>						
<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)	0	0	0	0	0	0
Brookhaven, NY (OKX)	0	0	0	0	0	0
Philadelphia, PA (PHI)	3	3	0	0	0	0
State College, PA (CTP)	0	0	0	0	0	0
Sterling, VA (LWX)	0	0	0	0	0	0
Wakefield, VA (AKQ)	5	3	2	0	0	2