

April 16 - April 19, 2018 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	M	9,999	Flood = 19.0	19.0 (minor)	44.80
James River - (WFO AKQ)	4/17/2018	April 17, 2018		4/18/2018	23.0 (moderate)	not available
Gage & Town/Fluvanna County	E 10:00:00 AM	E 21:00:00 EST		E 1:00:00 AM	34.0 (major)	June 22, 1972
<u>Buchanan, Virginia - (BNNV2)</u>	Flood = 17.0	18.07	35,800	Flood = 17.0	17.0 (minor)	38.84
James River - (WFO RNK)	4/16/2018	April 16, 2018		4/17/2018	21.0 (moderate)	179,000
Gage & Town/Botetourt County	18:00	23:45:00 EST		7:15	26.0 (major)	November 5, 1985
<u>Lick Run, Virginia - (LIRV2)</u>	Flood = 16.0	17.24	28,300	Flood = 16.0	16.0 (minor)	33.00
James River - (WFO RNK)	4/16/2018	April 16, 2018		4/17/2018	22.0 (moderate)	120,000
Gage & Town/Botetourt County	9:50	15:45:00 EST		4:35	25.0 (major)	November 24, 1877
<u>Richmond, Virginia - (RMDV2)</u>	Flood = 12.0	13.64	54,500	Flood = 12.0	12.0 (minor)	28.62
James River - (WFO AKQ)	4/17/2018	April 18, 2018		4/19/2018	15.0 (moderate)	313,000
Gage & Town/Independent City/Henrico County	22:35	13:15:00 EST		1:40	22.0 (major)	June 23, 1972
<u>Richmond City Locks, Virginia - (RICV2)</u>	Flood = 8.0	8.67	M	Flood = 8.0	8.0 (minor)	36.50
James River - (WFO AKQ)	4/18/2018	April 18, 2018		4/18/2018	19.0 (moderate)	not available
Gage & Town/Independent City/Henrico County	5:50	10:00:00 EST		22:10	28.0 (major)	June 23, 1972
Passaic	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Boonton, NJ (below reservoir)</u>	Flood = 5.0	5.28	1,560	Flood = 5.0	5.0 (minor)	9.73
Rockaway River - (WFO PHI) - (BONN4)	4/17/2018	April 17, 2018		4/17/2018	7.0 (moderate)	6,140
Gage & Town/Morris County	0:30	7:10:00 EST		14:30	8.0 (major)	August 28, 2011
<u>Lodi, New Jersey - (LODN4)</u>	Flood = 6.0	7.69	2,670	Flood = 6.0	6.0 (minor)	13.94
Saddle River - (WFO OKX)	4/16/2018	April 16, 2018		4/16/2018	7.0 (moderate)	5,330
Gage & Town/Bergen County	11:20	19:20:00 EST		22:45	8.0 (major)	September 17, 1999
<u>Pine Brook, New Jersey - (PINN4)</u>	Flood = 19.0	19.24	2,930	Flood = 19.0	19.0 (minor)	24.12
Passaic River - (WFO PHI)	4/17/2018	April 18, 2018		4/19/2018	20.0 (moderate)	9,750
Gage & Town/Morris County	19:15	11:00:00 EST		20:05	21.0 (major)	August 30, 2011

Potomac	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Edwards Ferry, Maryland - (EDFM2)</u>	Flood = 15.0	15.13	M	Flood = 10.0	15.0 (minor)	not available
Potomac River - (WFO LWX)	4/18/2018	April 18, 2018		4/18/2018	17.0 (Moderate)	not available
Gage & Town/Montgomery County	6:00	8:50:00 EST		12:05	24.0 (major)	not available
<u>Franklin, West Virginia - (FKLW2)</u>	Flood = 7.0	9.10	9,350	Flood = 7.0	7.0 (minor)	22.58
South Branch Potomac River - (WFO LWX)	4/16/2018	April 16, 2018		4/16/2018	9.0 (moderate)	44,000
Gage & Town/Pendleton County	1:45	9:05:00 EST		13:25	11.0 (major)	November 4, 1985
<u>Great Cacapon, West Virginia - (GCPW2)</u>	Flood = 9.0	9.17	7,250	Flood = 9.0	9.0 (minor)	30.10
Cacapon River - (WFO LWX)	4/17/2018	April 17, 2018		4/17/2018	16.0 (moderate)	87,600
Gage & Town/Morgan County	2:30	4:20:00 EST		6:10	20.0 (major)	March 18, 1936
<u>Martinsburg, West Virginia - (MBGW2)</u>	Flood = 10.0	10.49	2,780	Flood = 10.0	10.0 (minor)	18.76
Opequon Creek - (WFO LWX)	4/16/2018	April 16, 2018		4/16/2018	12.5 (moderate)	23,400
Gage & Town/Berkeley County	15:15	19:00:00 EST		22:10	15.0 (major)	January 20, 1996
Shepherdstown, West Virginia	Flood = 15.0	15.29	57,700	Flood = 15.0	15.0 (minor)	42.07
Potomac River - (WFO LWX) - (SHEW2)	4/17/2018	April 17, 2018		4/18/2018	18.0 (moderate)	335,000
Gage & Town/Jefferson County	20:15	23:15:00 EST		3:35	22.0 (major)	March 19, 1936
<u>Springfield, West Virginia (SPRW2)</u>	Flood = 15.0	19.44	33,900	Flood = 15.0	15.0 (minor)	44.22
South Branch Potomac River - (WFO LWX)	4/16/2018	April 17, 2018		4/17/2018	19.0 (moderate)	240,000
Gage & Town/Hampshire County	21:05	5:15:00 EST		12:20	25.0 (major)	November 5, 1985
Raritan	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Blackwells Mills, New Jersey - (BKWN4)</u>	Flood = 9.0	10.63	5,330	Flood = 9.0	9.0 (minor)	21.24
Millstone River - (WFO PHI)	4/16/2018	April 17, 2018		4/17/2018	10.0 (moderate)	20,700
Gage & Town/Somerset County	17:55	5:55:00 EST		19:40	15.0 (major)	August 28, 2011
<u>Bound Brook, New Jersey - (BDKN4)</u>	Flood = 28.0	28.10	17,900	Flood = 28.0	28.0 (minor)	42.13
Raritan River - (WFO PHI)	4/16/2018	April 17, 2018		4/17/2018	30.0 (moderate)	82,900
Gage & Town/Somerset County	23:25	12:20:00 EST		1:40	33.0 (major)	September 17, 1999
<u>Manville, New Jersey - (MNVN4)</u>	Flood = 14.0	14.11	13,200	Flood = 14.0	14.0 (minor)	27.10
Raritan River - (WFO PHI)	4/16/2018	April 16, 2018		4/17/2018	17.0 (moderate)	77,600
Gage & Town/Somerset County	21:55	23:10:00 EST		0:05	20.0 (major)	September 16, 1999

Southeast PA & Delaware		Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Langhorne, Pennsylvania - (LNGP1)</u>		Flood = 9.0	10.29	8,410	Flood = 9.0	9.0 (minor)	22.84
Neshaminy Creek - (WFO PHI)	4/16/2018	April 16, 2018 16:30:00 EST			4/16/2018	10.0 (moderate)	49,300
Gage & Town/Bucks County	11:11				20:50	12.0 (major)	August 19, 1955
Susquehanna (Lower Main Stem)		Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Hogestown, Pennsylvania - (HGSP1)</u>		Flood = 8.0	8.06	6,090	Flood = 8.0	8.0 (minor)	17.01
Conodoguinet Creek - (WFO CTP)	4/17/2018	April 17, 2018 11:30:00 EST			4/17/2018	10.0 (moderate)	33,700
Gage & Town/Cumberland County	9:35				15:30	12.0 (major)	June 23, 1972
<u>Shermans Dale, Pennsylvania - (SMDP1)</u>		Flood = 9.0	9.37	7,870	Flood = 9.0	9.0 (minor)	20.34
Sherman Creek - (WFO CTP)	4/16/2018	April 16, 2018 17:00:00 EST			4/16/2018	11.0 (moderate)	44,000
Gage & Town/Perry County	15:05				19:40	16.0 (major)	July 22, 1927

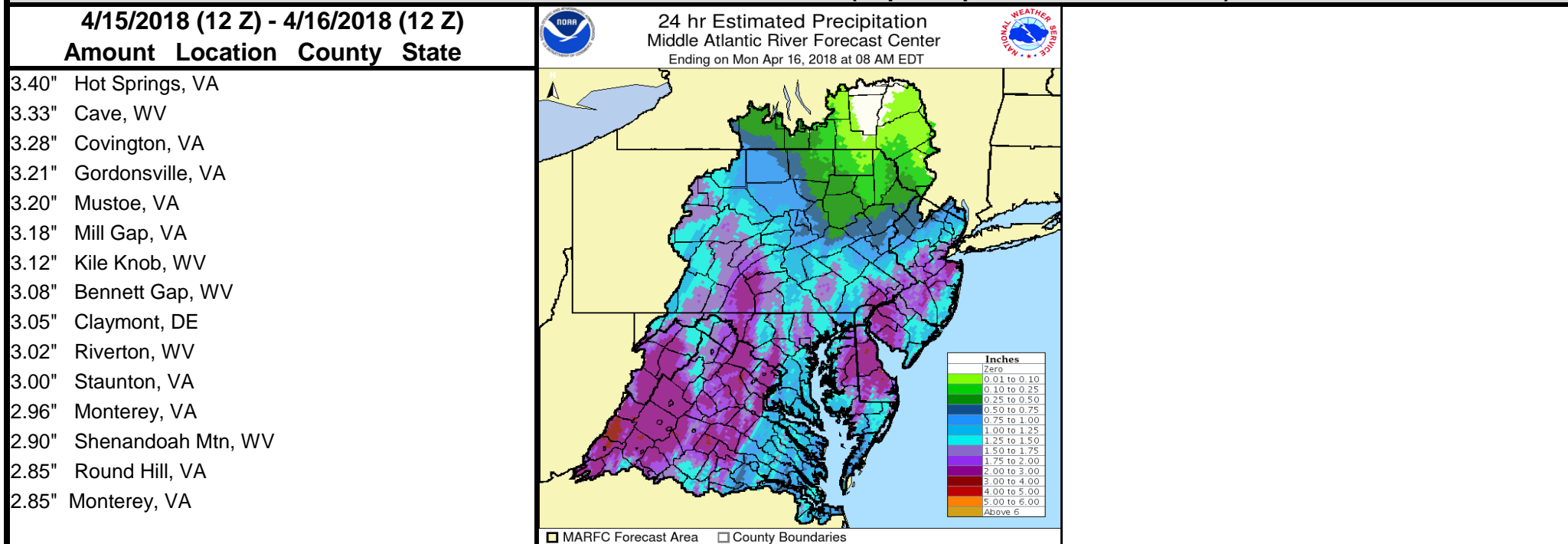
Crest Statistics

Flooding - 4/16/2018 - 4/19/2018
 Crests - 4/16/2018 - 4/18/2018
 First flood of 1 - April, 2018
 Seventh flood in 2018
 Number of MARFC Forecast Points Flooding - 20
 Number of Floods Cresting in **Minor** Range - 14
 Number of Floods Cresting in **Moderate** Range - 5
 Number of Floods Cresting in **Major** Range - 0
 Number of Floods Cresting in **Missing** Range - 1
MARFC Power Ranking - 39 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)
 Number of MARFC records - 0
 E = Estimated

Weather Summary

An intense spring storm brought snow and blizzard conditions to the upper Midwest and heavy rains to the Mid-Atlantic as the system moved slowly but steadily through the Mid-Atlantic region.

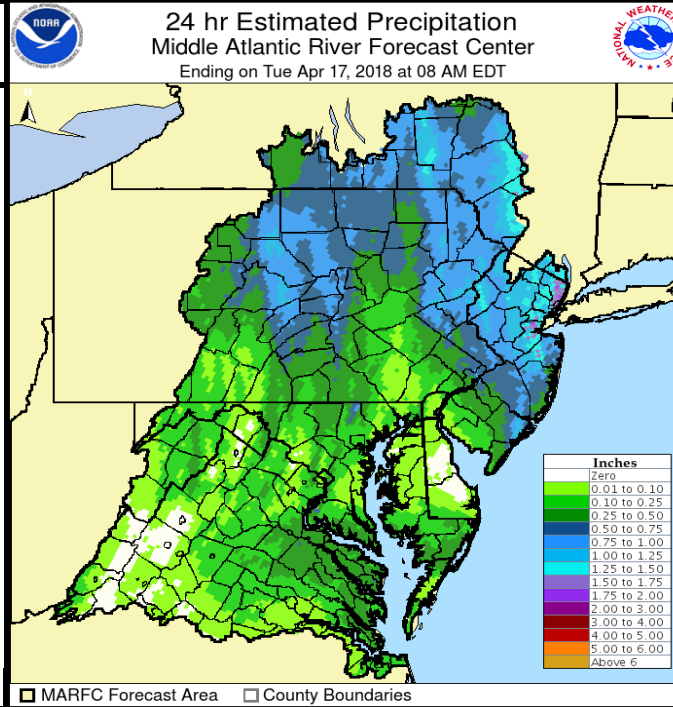
TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)



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

4/16/2018 (12 Z) - 4/17/2018 (12 Z)
Amount Location County State

2.81"	River Vale Twp, NJ		
2.47"	Haworth, NJ		
2.35"	Harrison, NJ		
2.33"	Hawthorne, NJ		
2.28"	Little Falls Twp, NJ		
2.15"	Phoenicia, NY		
1.96"	Pompton Plains, NJ		
1.93"	Morris Twp, NJ		
1.88"	Pompton Lakes, NJ		
1.84"	Charlotteburg, NJ		
1.81"	Jefferson Twp, NJ		
1.80"	Oakland, NJ		
1.80"	Easton, PA		
1.79"	Wayne Twp, NJ		
1.78"	Rockaway, NJ		



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	0	0	0	0	0	0
Lehigh	0	0	0	0	0	0
Lower Main Stem Susquehanna	2	2	0	0	0	0
North Branch Susquehanna	0	0	0	0	0	0
Passaic	3	2	1	0	0	1
Potomac	6	4	2	0	0	2
Rappahannock	0	0	0	0	0	0
Raritan	3	2	1	0	0	1
SE PA and Delaware (state)	1	0	1	0	0	1
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)	2	2	0	0	0	0
Binghamton, NY (BGM)	0	0	0	0	0	0
Brookhaven, NY (OKX)	1	0	1	0	0	1
Philadelphia, PA (PHI)	6	4	2	0	0	2
State College, PA (CTP)	2	2	0	0	0	0
Sterling, VA (LWX)	6	4	2	0	0	2
Wakefield, VA (AKQ)	2	2	0	0	0	0