

April 30 - May 3, 2020 Preliminary Flood Summary

James	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Richmond, Virginia - (RMDV2)</u>	Flood = 12.0	13.55	53,800	Flood = 12.0	12.0 (minor)	28.62
James River - (WFO AKQ)	5/1/2020	May 2, 2020		5/3/2020	15.0 (moderate)	313,000
Gage & Town/Independent City/Henrico County	18:45	11:00:00 EST		0:45	22.0 (major)	June 23, 1972
<u>Richmond City Locks, Virginia - (RICV2)</u>	Flood = 8.0	8.91	M	Flood = 8.0	8.0 (minor)	36.50
James River - (WFO AKQ)	5/2/2020	May 2, 2020		5/2/2020	19.0 (moderate)	not available
Gage & Town/Independent City/Henrico County	4:06	13:42:00 EST		18:58	28.0 (major)	June 23, 1972
Potomac	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Edwards Ferry, Maryland - (EDFM2)</u>	Flood = 15.0	15.90	M	Flood = 10.0	15.0 (minor)	22.42
Potomac River - (WFO LWX)	5/1/2020	May 2, 2020		5/2/2020	17.0 (Moderate)	not available
Gage & Town/Montgomery County	20:55	3:00:00 EST		14:55	24.0 (major)	June 4, 2020
<u>Frederick, Maryland - (FDKM2)</u>	Flood = 15.0	15.83	17,100	Flood = 15.0	15.0 (minor)	35.90
Monocacy River - (WFO LWX)	5/1/2020	May 1, 2020		5/1/2020	17.0 (moderate)	81,600
Gage & Town/Frederick County	6:20	12:30:00 EST		16:30	20.0 (major)	June 23, 1972
<u>Great Cacapon, West Virginia - (GCPW2)</u>	Flood = 9.0	10.29	9,220	Flood = 9.0	9.0 (minor)	30.10
Cacapon River - (WFO LWX)	5/1/2020	May 1, 2020		5/1/2020	16.0 (moderate)	87,600
Gage & Town/Morgan County	0:58	6:20:00 EST		15:45	20.0 (major)	March 18, 1936
Shepherdstown, West Virginia	Flood = 15.0	15.25	57,800	Flood = 15.0	15.0 (minor)	42.07
Potomac River - (WFO LWX) - (SHEW2)	5/1/2020	May 1, 2020		5/2/2020	22.0 (moderate)	335,000
Gage & Town/Jefferson County	17:50	12:00:00 EST		1:05	25.0 (major)	March 19, 1936
Susquehanna (Lower Main Stem)	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Camp Hill, Pennsylvania - (CPHP1)</u>	Flood = 7.0	7.07	2,550	Flood = 7.0	7.0 (minor)	18.77
Yellow Breeches Creek - (WFO CTP)	5/1/2020	May 1, 2020		5/1/2020	9.0 (moderate)	19,300
Gage & Town/Cumberland County	14:07	16:10:00 EST		17:50	13.0 (major)	September 26, 1975
<u>Harper Tavern, Pennsylvania - (HTVP1)</u>	Flood = 9.0	10.15	7,870	Flood = 9.0	9.0 (minor)	25.60
Swatara Creek - (WFO CTP)	4/30/2020	May 1, 2020		5/1/2020	12.0 (moderate)	88,000
Gage & Town/Lebanon County	22:30	6:45:00 EST		12:45	15.0 (major)	June 1, 1889
<u>Hershey, Pennsylvania - (HERP1)</u>	Flood = 7.0	7.24	9,080	Flood = 7.0	7.0 (minor)	27.22
Swatara Creek - (WFO CTP)	5/1/2020	May 1, 2020		5/1/2020	10.0 (moderate)	96,900
Gage & Town/Dauphin County	6:20	14:00:00 EST		17:37	14.0 (major)	September 8, 2011

<u>Hogestown, Pennsylvania - (HGSP1)</u>	Flood = 8.0	8.70	6,670	Flood = 8.0	8.0 (minor)	17.01
Conodoguinet Creek - (WFO CTP)	5/1/2020	May 1, 2020 14:15:00 EST		5/2/2020	10.0 (moderate)	33,700
Gage & Town/Cumberland County	0:25			5:20	12.0 (major)	June 23, 1972
<u>Middletown, Pennsylvania - (MTLP1)</u>	Flood = 11.0	11.49	M	Flood = 11.0	11.0 (minor)	28.45
Swatara Creek - (WFO CTP)	5/1/2020	May 2, 2020 14:30:00 EST		5/3/2020	15.0 (moderate)	not available
Gage & Town/Dauphin County	17:15			4:30	18.0 (major)	June 23, 1972
<u>Penns Creek, Pennsylvania - (PNCP1)</u>	Flood = 8.0	8.86	6,930	Flood = 8.0	8.0 (minor)	14.85
Penns Creek/Basin - (WFO CTP)	4/30/2020	May 1, 2020 2:00:00 EST		5/1/2020	10.0 (moderate)	34,600
Gage/Union County - Town/Snyder County	19:15			12:45	12.0 (major)	June 23, 1972
<u>Shermans Dale, Pennsylvania - (SMDP1)</u>	Flood = 9.0	11.62	9,930	Flood = 9.0	9.0 (minor)	20.34
Sherman Creek - (WFO CTP)	4/30/2020	April 30, 2020 20:30:00 EST		5/1/2020	11.0 (moderate)	44,000
Gage & Town/Perry County	14:10			7:50	16.0 (major)	July 22, 1927

Crest Statistics

Flooding - 4/30/2020 - 5/3/2020
 Crests - 4/30/2020 - 5/2/2020
 Second flood of 2 - April, 2020
 Fifth flood in 2020

Number of MARFC Forecast Points Flooding - **13**
 Number of Floods Cresting in **Minor** Range - 12
 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 - 17 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)

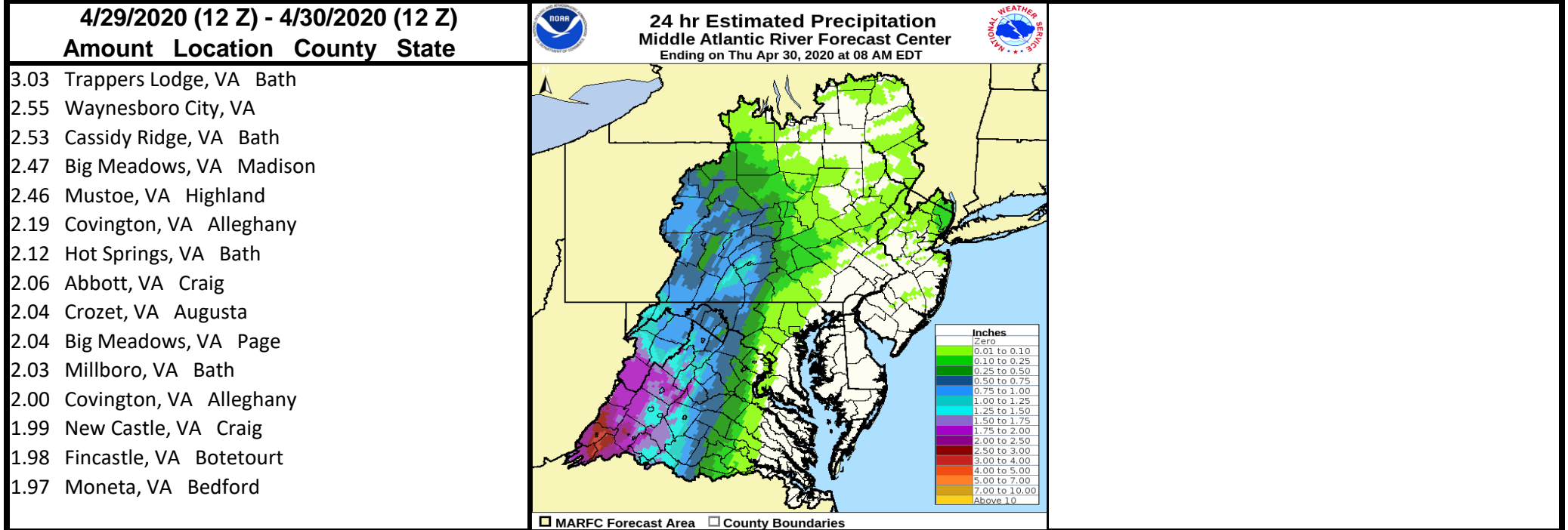
Number of MARFC records - 0

E = Estimated

Weather Summary

After a series of low pressure systems and fronts brought light to moderate rainfall to much of the Mid-Atlantic in the preceding days, this final low pressure (the strongest and wettest of all of them) passed through the Mid-Atlantic. Widespread heavy rainfall of 1.5" to over 3" over a two day period brought minor flooding to several streams and rivers. Enough rain fell in the lower Susquehanna Valley for moderate flooding to occur on Shermans Creek in Pennsylvania.

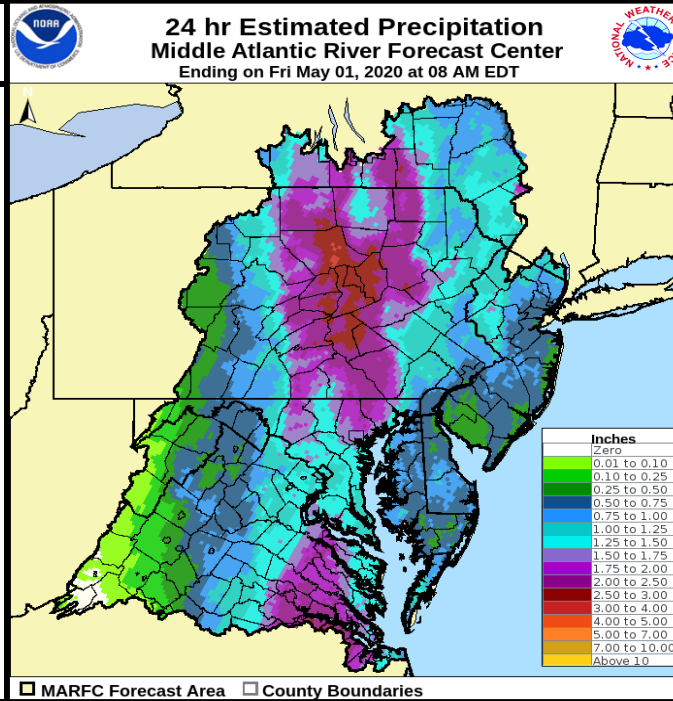
TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)



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

4/30/2020 (12 Z) - 5/1/2020 (12 Z)
Amount Location County State

2.82	East Waterford, PA	Juniata	
2.80	Fayetteville, PA	Franklin	
2.77	Shermans Dale, PA	Perry	
2.72	Pequea, PA	Lancaster	
2.71	Orrtanna, PA	Adams	
2.69	Biglerville, PA	Adams	
2.66	Conyngam, PA	Luzerne	
2.65	Williamsport, PA	Lycoming	
2.60	Smith Valley, NY	Schuyler	
2.60	Tamaqua, PA	Schuylkill	
2.55	Tunkhannock, PA	Wyoming	
2.51	Biglerville, PA	Adams	
2.48	Orrtanna, PA	Adams	
2.47	Wakefield, VA	Sussex	
2.44	Garden Hollow, PA	Centre	



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	2	2	0	0	0	0
Juniata	0	0	0	0	0	0
Lehigh	0	0	0	0	0	0
Lower Main Stem Susquehanna	7	6	1	0	0	1
North Branch Susquehanna	0	0	0	0	0	0
Passaic	0	0	0	0	0	0
Potomac	4	4	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	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)	7	6	1	0	0	1
Sterling, VA (LWX)	4	4	0	0	0	0
Wakefield, VA (AKQ)	2	2	0	0	0	0