

February 7 - 12, 2020 Preliminary Flood Summary

Appomattox	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Farmville, Virginia - (FRMV2)</u>	Flood = 16.0	18.05	6,470	Flood = 16.0	16.0 (minor)	29.70
Appomattox River - (WFO AKQ)	2/7/2020	February 7, 2020 21:50:00 EST		2/8/2020	20.0 (moderate)	33,100
Gage/Cumberland Co - Town/Prince Edward Co	11:15			10:05	25.0 (major)	June 22, 1972
<u>Mattoax, Virginia - (MTXV2)</u>	Flood = 21.0	22.48	6,300	Flood = 21.0	21.0 (minor)	35.30
Appomattox River - (WFO AKQ)	2/10/2020	February 11, 2020 12:00:00 EST		2/12/2020	25.0 (moderate)	35,000
Gage & Town/Amelia Co	12:25			7:15	28.0 (major)	August 18, 1940
James	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Buchanan, Virginia - (BNNV2)</u>	Flood = 17.0	17.39	33,700	Flood = 17.0	17.0 (minor)	38.84
James River - (WFO RNK)	2/7/2020	February 7, 2020 13:45:00 EST		2/7/2020	21.0 (moderate)	179,000
Gage & Town/Botetourt County	11:35			17:30	26.0 (major)	November 5, 1985
<u>Richmond, Virginia - (RMDV2)</u>	Flood = 12.0	13.53	53,700	Flood = 12.0	12.0 (minor)	28.62
James River - (WFO AKQ)	2/8/2020	February 9, 2020 3:20:00 EST		2/9/2020	15.0 (moderate)	313,000
Gage & Town/Independent City/Henrico County	5:45			21:35	22.0 (major)	June 23, 1972
<u>Richmond City Locks, Virginia - (RICV2)</u>	Flood = 8.0	8.34	M	Flood = 8.0	8.0 (minor)	36.50
James River - (WFO AKQ)	2/9/2020	February 9, 2020 5:30:00 EST		2/9/2020	19.0 (moderate)	not available
Gage & Town/Independent City/Henrico County	2:57			9:12	28.0 (major)	June 23, 1972

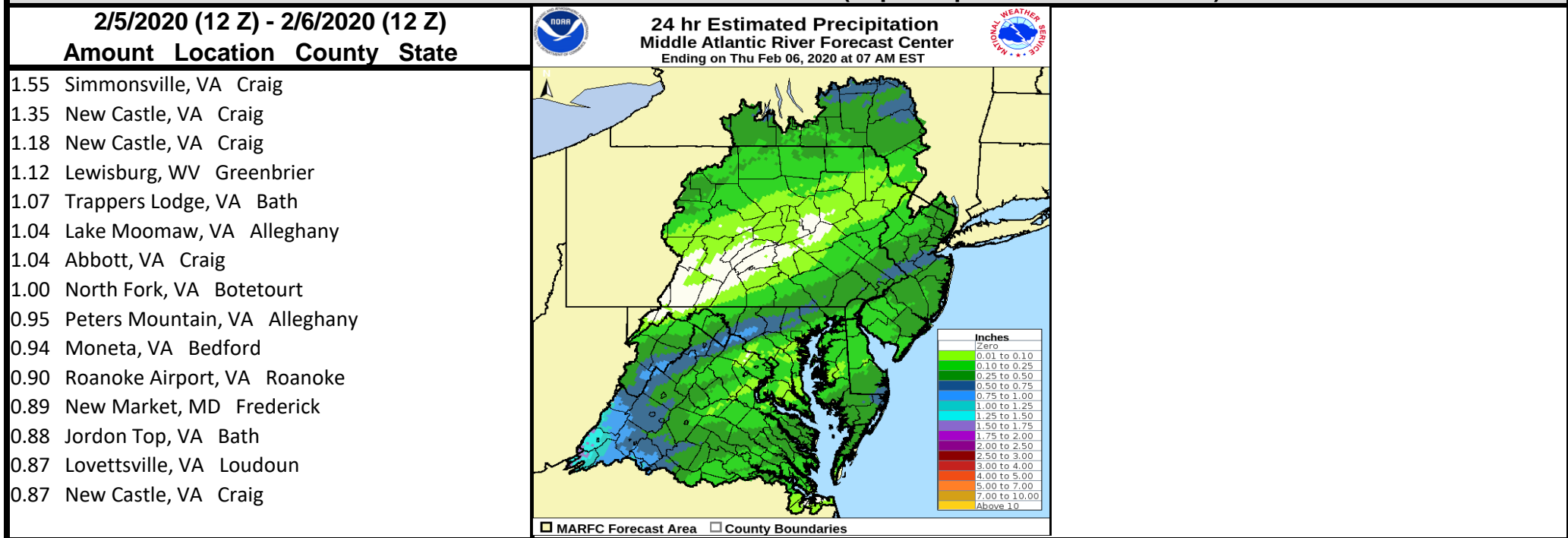
Crest Statistics

Flooding - 2/7/2020 - 2/12/2020
 Crests - 2/7/2020 - 2/11/2020
 First flood of 1 - February, 2020
 Second flood in 2020
 Number of MARFC Forecast Points Flooding - **5**
 Number of Floods Cresting in **Minor** Range - 5
 Number of Floods Cresting in **Moderate** Range - 0
 Number of Floods Cresting in **Major** Range - 0
 Number of Floods Cresting in **Missing** Range - 0
MARFC Power Ranking - 5 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)
 Number of MARFC records - 0
 E = Estimated

Weather Summary

A nearly stationary frontal boundary allowed waves of low pressure to ride up along the front concentrating heavy rain in the southeastern United States. Though the heaviest rains fell south and southwest of the Mid-Atlantic, much of the James and Appomattox Basins received 2 to over 3 inches of rain which led to minor flooding at 5 forecast points.

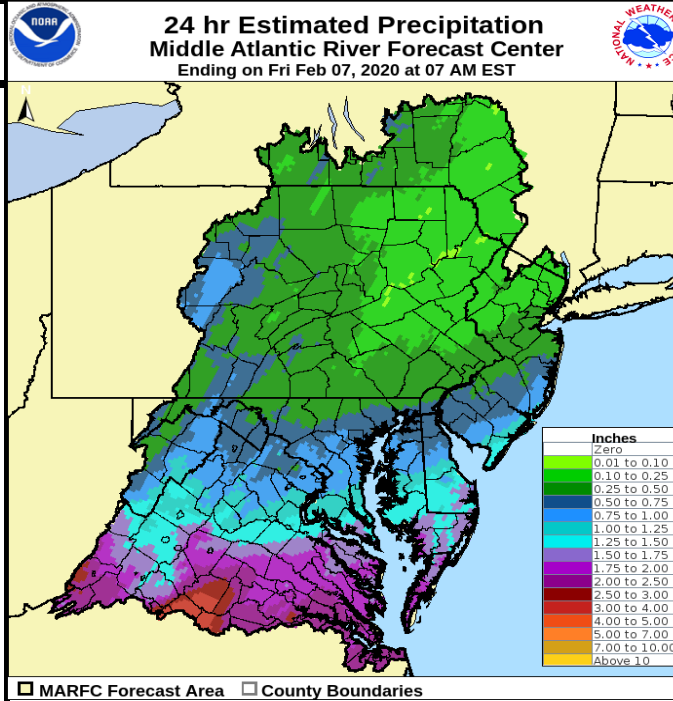
TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)



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

2/6/2020 (12 Z) - 2/7/2020 (12 Z)
Amount Location County State

- 2.71 Great Dismal Swamp, VA
- 2.69 Moneta, VA Bedford
- 2.62 Farmville, VA Prince Edward
- 2.54 Jetersville, VA Amelia
- 2.51 Virginia Beach, VA
- 2.49 Buckingham, VA Buckingham
- 2.44 Trappers Lodge, VA Bath
- 2.40 Montebello, VA Nelson
- 2.40 Pedlar Dam, VA Amherst
- 2.37 Crozier, VA Goochland
- 2.35 Williamsburg, VA
- 2.31 Matoaca, VA Chesterfield
- 2.30 Winterpock, VA Chesterfield
- 2.27 Norfolk, VA
- 2.27 Lynchburg, VA



Floods by MARFC Basins						
MARFC Basins	Fcst Points	Minor	Moderate	Major	Unknown	Mod & Major
Appomattox	2	2	0	0	0	0
Chemung	0	0	0	0	0	0
Delaware	0	0	0	0	0	0
James	3	3	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	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	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)	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)	0	0	0	0	0	0
Wakefield, VA (AKQ)	4	4	0	0	0	0