

## November 12 - 19, 2020 Preliminary Flood Summary

Appomattox	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#"><u>Farmville, Virginia - (FRMV2)</u></a>	Flood = 16.0	<b>23.30</b>	<b>15,400</b>	Flood = 16.0	16.0 (minor)	29.70
Appomattox River - (WFO AKQ)	11/12/2020	<b>November 13, 2020 1:45:00 EST</b>		11/14/2020	20.0 (moderate)	33,100
Gage/Cumberland Co - Town/Prince Edward Co	7:35			2:10	25.0 (major)	June 22, 1972
<a href="#"><u>Matoaca, Virginia - (MTCV2)</u></a>	Flood = 10.0	<b>10.58</b>	<b>11,600</b>	Flood = 10.0	10.0 (minor)	18.39
Appomattox River - (WFO AKQ)	11/17/2020	<b>November 17, 2020 22:50:00 EST</b>		11/18/2020	13.0 (moderate)	40,800
Gage & Town/Chesterfield Co	8:00			22:30	15.0 (major)	October 7, 1972
<a href="#"><u>Mattoax, Virginia - (MTXV2)</u></a>	Flood = 21.0	<b>26.89</b>	<b>9,500</b>	Flood = 21.0	21.0 (minor)	35.30
Appomattox River - (WFO AKQ)	11/14/2020	<b>November 16, 2020 10:20:00 EST</b>		11/18/2020	25.0 (moderate)	35,000
Gage & Town/Amelia Co	6:25			1:23	28.0 (major)	August 18, 1940
James	Above FS (ft)		Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#"><u>Cartersville, Virginia - (CARV2)</u></a>	Flood = 20.0	<b>24.12</b>	<b>101,000</b>	Flood = 20.0	20.0 (minor)	37.87
James River - (WFO AKQ)	11/12/2020	<b>November 13, 2020 8:45:00 EST</b>		11/14/2020	23.0 (moderate)	362,000
Gage/Goochland Co - Town/Cumberland Co	6:45			4:58	26.4 (major)	June 22, 1972
<a href="#"><u>Palmyra, Virginia - (PYAV2)</u></a>	Flood = 17.0	<b>22.88</b>	<b>21,100</b>	Flood = 17.0	17.0 (minor)	39.85
Rivanna River - (WFO AKQ)	11/12/2020	<b>November 12, 2020 22:30:00 EST</b>		11/13/2020	25.0 (moderate)	86,000
Gage & Town/Fluvanna County	9:55			17:02	32.0 (major)	August 20, 1969
<a href="#"><u>Richmond, Virginia - (RMDV2)</u></a>	Flood = 12.0	<b>18.33</b>	<b>108,000</b>	Flood = 12.0	12.0 (minor)	28.62
James River - (WFO AKQ)	11/12/2020	<b>November 14, 2020 00:15:00 EST</b>		11/15/2020	15.0 (moderate)	313,000
Gage & Town/Independent City/Henrico County	6:52			8:40	22.0 (major)	June 23, 1972
<a href="#"><u>Richmond City Locks, Virginia - (RICV2)</u></a>	Flood = 8.0	<b>16.96</b>	<b>M</b>	Flood = 8.0	8.0 (minor)	36.50
James River - (WFO AKQ)	11/12/2020	<b>November 14, 2020 4:50:00 EST</b>		11/15/2020	19.0 (moderate)	not available
Gage & Town/Independent City/Henrico County	10:33			8:01	28.0 (major)	June 23, 1972
Rappahannock	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#"><u>Culpeper, Virginia - (CLPV2)</u></a>	Flood = 13.0	<b>16.49</b>	<b>17,700</b>	Flood = 13.0	13.0 (minor)	30.40
Rapidan River - (WFO LWX)	11/12/2020	<b>November 12, 2020 15:15:00 EST</b>		11/13/2020	17.0 (moderate)	59,300
Gage & Town/Culpeper County	4:29			1:53	21.0 (major)	June 28, 1995

**Crest Statistics**

Flooding - 11/12/2020 - 11/18/2020

Crests - 11/12/2020 - 11/17/2020

First flood of 2 - November, 2020

Eleventh flood in 2020

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

Number of Floods Cresting in **Minor** Range - 4

Number of Floods Cresting in **Moderate** Range - 4

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

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

**MARFC Power Ranking** - 24 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)

Number of MARFC records - 0

E = Estimated

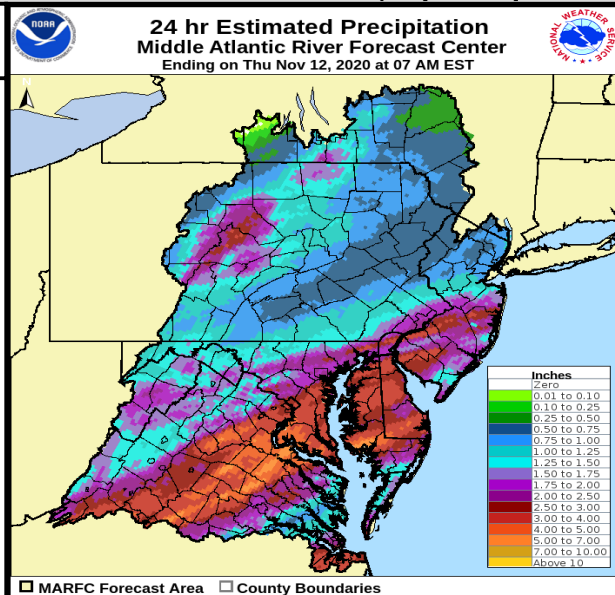
## Weather Summary

Tropical Storm Eta passed south of the Mid-Atlantic but fed tropical moisture into a cold front as it slowly moved southeast through the region. The heaviest concentration of rain was from southwest Virginia northeastward into Delaware and southern New Jersey. Much of the heaviest rain in these northern areas fell in coastal areas east of the service area.

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

**11/11/2020 (12 Z) - 11/12/2020 (12 Z)**  
**Amount Location County State**

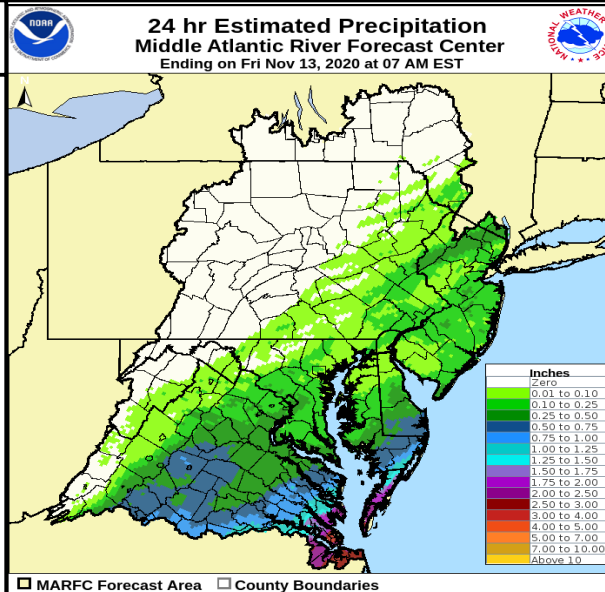
5.78 Stafford, VA Stafford  
 5.60 Kents Store, VA Goochland  
 5.51 Buckingham, VA Buckingham  
 4.83 Moneta, VA Bedford  
 4.61 Laurel, DE Sussex  
 4.55 Montpelier, VA Hanover  
 4.54 Middletown, DE New Castle  
 4.52 Pasadena, MD Anne Arundel  
 4.36 St. Ingoes, MD St. Marys  
 4.28 Townsend, DE New Castle  
 4.28 Delmar, DE Sussex  
 4.22 Great Dismal Swamp, VA  
 4.00 Georgetown, DE Sussex  
 3.93 Norfolk Naval Air Station, VA  
 3.93 Blackbird, DE New Castle



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

**11/12/2020 (12 Z) - 11/13/2020 (12 Z)**  
**Amount Location County State**

- 3.61 Poquoson, VA
- 3.42 Newport News, VA York
- 3.39 Norfolk, VA
- 3.31 Norfolk Naval Air Station, VA
- 3.27 Newport News, VA
- 2.82 Newport News, VA York
- 2.76 Virginia Beach, VA
- 2.36 Great Dismal Swamp, VA
- 2.19 Onley, VA Accomack
- 1.79 Wakefield, VA Sussex
- 1.78 Wallops Island, VA Accomack
- 1.56 Williamsburg, VA
- 1.35 Williamsburg, VA James City
- 1.31 Keysville, VA Charlotte
- 1.20 Ocean City, MD Worcester



### Floods by MARFC Basins

MARFC Basins	Fcst Points	Minor	Moderate	Major	Unknown	Mod & Major
Appomattox	3	1	2	0	0	2
Chemung	0	0	0	0	0	0
Delaware	0	0	0	0	0	0
James	4	2	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	1	1	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)	1	1	0	0	0	0
Wakefield, VA (AKQ)	7	3	4	0	0	4

