

May 21 - 24, 2020 Preliminary Flood Summary

James	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Buchanan, Virginia - (BNNV2)</u>	Flood = 17.0	19.51	40,300	Flood = 17.0	17.0 (minor)	38.84
James River - (WFO RNK)	5/21/2020	May 22, 2020 4:15:00 EST		5/22/2020	21.0 (moderate)	179,000
Gage & Town/Botetourt County	15:20			21:32	26.0 (major)	November 5, 1985
<u>Richmond, Virginia - (RMDV2)</u>	Flood = 12.0	14.15	58,700	Flood = 12.0	12.0 (minor)	28.62
James River - (WFO AKQ)	5/22/2020	May 23, 2020 14:15:00 EST		5/24/2020	15.0 (moderate)	313,000
Gage & Town/Independent City/Henrico County	22:10			18:35	22.0 (major)	June 23, 1972
<u>Richmond City Locks, Virginia - (RICV2)</u>	Flood = 8.0	9.58	M	Flood = 8.0	8.0 (minor)	36.50
James River - (WFO AKQ)	5/23/2020	May 23, 2020 20:24:00 EST		5/24/2020	19.0 (moderate)	not available
Gage & Town/Independent City/Henrico County	4:57			13:06	28.0 (major)	June 23, 1972

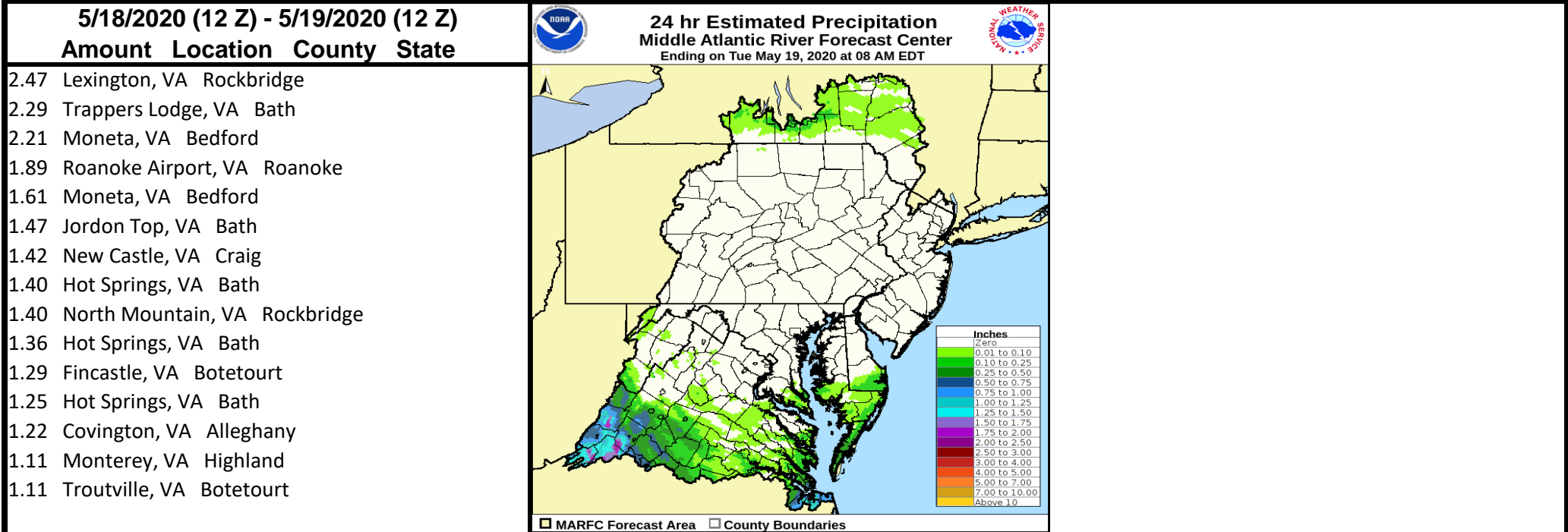
Crest Statistics

Flooding - 5/21/2020 - 5/24/2020
 Crests 5/22/2020 - 5/23/2020
 First flood of 1 - May, 2020
 Sixth flood in 2020
 Number of MARFC Forecast Points Flooding - **3**
 Number of Floods Cresting in **Minor** Range - 3
 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 - 3 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)
 Number of MARFC records - 0
 E = Estimated

Weather Summary

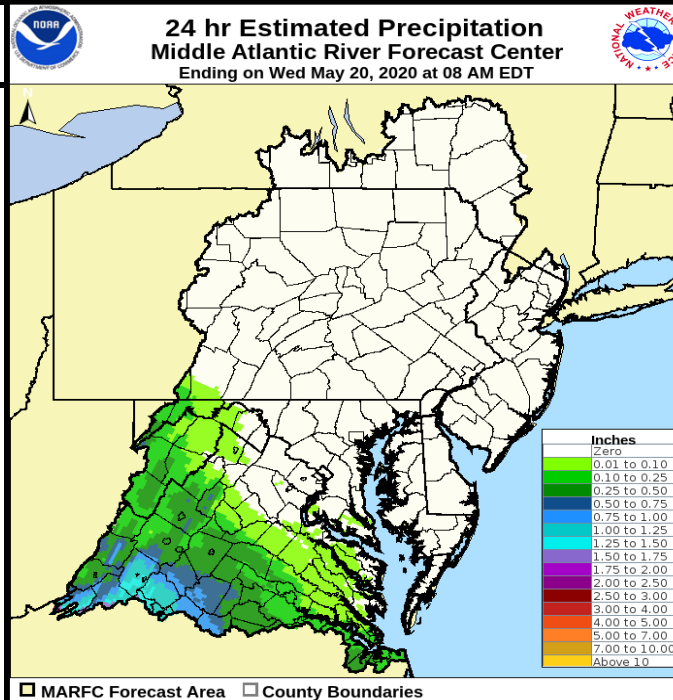
A deep, meandering, slow moving low pressure system spun around for several days west, southwest, and south of the Mid-Atlantic Region. The position of this low allowed for a southeast flow of moisture from the Atlantic Ocean to persist for several days. While the most widespread and heaviest rainfall amounts of 5 to 12+ inches remained just south and west of the Mid-Atlantic, a small part of the upper James River basin received 5 to 8+ inches of rain while much of the remainder of the basin received 2 to 4 inches. Just outside of, but very close to, the James Basin, Roanoke, VA received 9.21 inches of rain in a four day period.

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



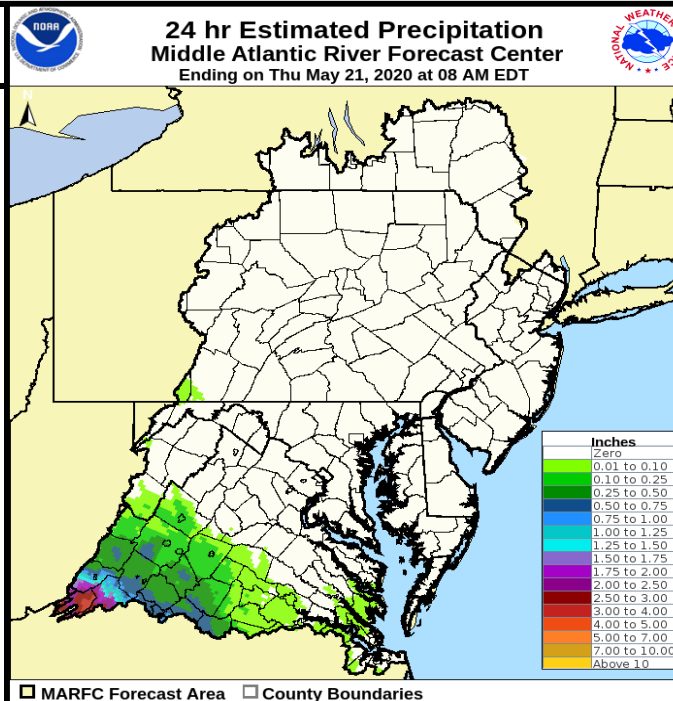
TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)

5/19/2020 (12 Z) - 5/20/2020 (12 Z)			
Amount	Location	County	State
2.08	Roanoke Airport, VA	Roanoke	
1.91	Moneta, VA	Bedford	
1.68	Troutville, VA	Botetourt	
1.61	Big Island, VA	Bedford	
1.50	Lynchburg, VA	Campbell	
1.33	Fincastle, VA	Botetourt	
1.31	Buena Vista, VA	Rockbridge	
1.28	Abbott, VA	Craig	
1.28	Lexington, VA	Rockbridge	
1.23	Madison Heights, VA	Amherst	
1.21	Natural Bridge, VA	Rockbridge	
1.12	Moneta, VA	Bedford	
1.12	Lynchburg Airport, VA	Campbell	
1.06	New Castle, VA	Craig	
1.00	Lexington, VA	Rockbridge	



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

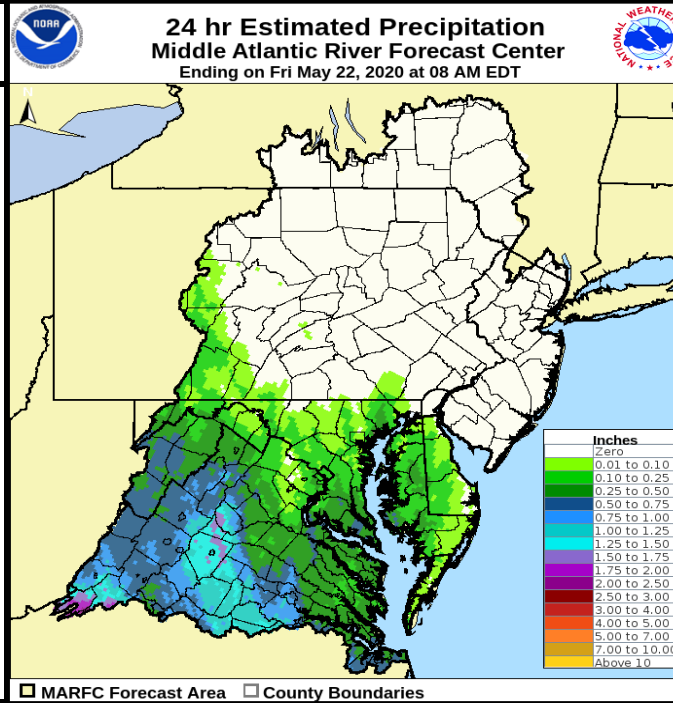
5/20/2020 (12 Z) - 5/21/2020 (12 Z)			
Amount	Location	County	State
3.21	Roanoke Airport, VA	Roanoke	
2.80	Simmons ville, VA	Craig	
2.51	Fincastle, VA	Botetourt	
2.48	Abbott, VA	Craig	
2.47	New Castle, VA	Craig	
2.32	Troutville, VA	Botetourt	
1.86	Moneta, VA	Bedford	
1.63	Moneta, VA	Bedford	
1.49	Lexington, VA	Rockbridge	
1.01	Covington, VA	Alleghany	
0.99	White Sulphur Springs, WV	Greenbrier	
0.99	Buchanon, VA	Botetourt	
0.92	Big Island, VA	Bedford	
0.88	North Mountain, VA	Rockbridge	
0.86	Lynchburg City, VA		



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

5/21/2020 (12 Z) - 5/22/2020 (12 Z)
Amount Location County State

2.03	Roanoke Airport, VA	Roanoke	
1.99	Big Meadows, VA	Madison	
1.92	Charlottesville, VA	Albemarle	
1.83	Big Meadows, VA	Madison	
1.72	Simmonsville, VA	Craig	
1.70	Fincastle, VA	Botetourt	
1.64	Troutville, VA	Botetourt	
1.59	New Castle, VA	Craig	
1.55	Madison, VA	Madison	
1.49	Charlottesville, VA	Albemarle	
1.44	Trappers Lodge, VA	Bath	
1.44	Buckingham, VA	Buckingham	
1.39	Charlottesville, VA	Albemarle	
1.35	Abbott, VA	Craig	
1.32	North Mountain, VA	Rockbridge	



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	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)	2	2	0	0	0	0