

October 26 - November 1, 2021 Preliminary Flood Summary

Delaware						
	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Barryville, New York - (BRYN6)	Flood = 17.0	18.72	74.300	Flood = 17.0	17.0 (minor)	28.97
Delaware River - (WFO BGM)	10/26/2021	October 27, 2021		10/27/2021	22.0 (moderate)	151,000
Gage & Town/Sullivan County	21:52	2:15:00 EST		6:20	26.0 (major)	June 28, 2006
Callicoon, New York - (CCRN6)	Flood = 12.0	13.68	69.400	Flood = 12.0	12.0 (minor)	20.38
Delaware River - (WFO BGM)	10/26/2021	October 26, 2021		10/27/2021	13.0 (moderate)	144,000
Gage/Wayne County - Town/Sullivan County	18:58	23:00:00 EST		3:10	14.8 (major)	June 28, 2006
Cooks Falls, New York - (CKFN6)	Flood = 10.0	13.78	22.000	Flood = 10.0	10.0 (minor)	20.55
Beaver Kill - (WFO BGM)	10/26/2021	October 26, 2021		10/26/2021	16.0 (moderate)	62,400
Gage & Town/Delaware County	10:57	14:35:00 EST		21:25	18.0 (major)	June 28, 2006
Fishes Eddy, New York - (FSHN6)	Flood = 13.0	15.15	32.900	Flood = 13.0	13.0 (minor)	23.60
East Branch Delaware River - (WFO BGM)	10/26/2021	October 26, 2021		10/26/2021	16.0 (moderate)	70,000
Gage & Town/Delaware County	14:05	17:00:00 EST		21:20	18.0 (major)	October 9, 1903
Walton, New York - (WALN6)	Flood = 9.5	9.51	5.270	Flood = 9.5	9.5 (minor)	16.85
West Branch Delaware River - (WFO BGM)	10/27/2021	October 27, 2021		10/27/2021	14.0 (moderate)	28,600
Gage & Town/Delaware County	4:00	4:15:00 EST		4:30	16.0 (major)	June 28, 2006
Passaic						
	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Boonton, NJ (below reservoir)	Flood = 5.0	5.61	1.880	Flood = 5.0	5.0 (minor)	9.73
Rockaway River - (WFO PHI) - (BONN4)	10/26/2021	October 27, 2021		10/27/2021	7.0 (moderate)	6,140
Gage & Town/Morris County	21:12	5:15:00 EST		22:30	8.0 (major)	August 28, 2011
Lodi, New Jersey - (LODN4)	Flood = 6.0	6.53	2.150	Flood = 6.0	6.0 (minor)	13.94
Saddle River - (WFO OKX)	10/26/2021	October 26, 2021		10/26/2021	7.0 (moderate)	5,330
Gage & Town/Bergen County	11:11	19:45:00 EST		22:17	8.0 (major)	September 17, 1999
Macopin Intake, New Jersey - (MCPN4)	Flood = 5.5	5.60	1.330	Flood = 5.5	5.5 (minor)	17.40
Pequannock River - (WFO PHI)	10/27/2021	October 27, 2021		10/27/2021	6.5 (moderate)	6,100
Gage & Town/Passaic County	2:25	8:50:00 EST		20:05	7.5 (major)	October 10, 1903
Mahwah, New Jersey - (MAWN4)	Flood = 8.0	8.93	3.330	Flood = 8.0	8.0 (minor)	15.77
Ramapo River - (WFO OKX)	10/26/2021	October 27, 2021		10/27/2021	9.0 (moderate)	15,000
Gage & Town/Bergen County	13:40	6:00:00 EST		22:00	12.0 (major)	August 28, 2011
Pine Brook, New Jersey - (PINN4)	Flood = 19.0	19.54	2.880	Flood = 19.0	19.0 (minor)	24.12
Passaic River - (WFO PHI)	10/27/2021	October 28, 2021		11/1/2021	20.0 (moderate)	9,750
Gage & Town/Morris County	16:35	13:40:00 EST		9:45	21.0 (major)	August 30, 2011

Raritan	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Blackwells Mills, New Jersey - (BKWN4)	Flood = 9.0	9.36	4.120	Flood = 9.0	9.0 (minor)	21.24
Millstone River - (WFO PHI)	10/26/2021	October 27, 2021		10/27/2021	10.0 (moderate)	20,700
Gage & Town/Somerset County	19:05	3:30:00 EST		10:40	15.0 (major)	August 28, 2011
Bound Brook, New Jersey - (BDKN4)	Flood = 28.0	28.00	17.700	Flood = 28.0	28.0 (minor)	42.13
Raritan River - (WFO PHI)	10/27/2021	October 27, 2021		10/27/2021	30.0 (moderate)	82,900
Gage & Town/Somerset County	0:45	1:00:00 EST		1:15	33.0 (major)	September 17, 1999
Manville, New Jersey - (MNVN4)	Flood = 14.0	14.13	11.800	Flood = 14.0	14.0 (minor)	27.10
Raritan River - (WFO PHI)	10/26/2021	October 26, 2021		10/27/2021	17.0 (moderate)	77,600
Gage & Town/Somerset County	21:35	23:05:00 EST		0:35	20.0 (major)	September 16, 1999
Raritan, New Jersey - (RRTN4)	Flood = 10.0	10.19	7.620	Flood = 10.0	10.0 (minor)	18.98
North Branch Raritan River - (WFO PHI)	10/26/2021	October 26, 2021		10/26/2021	12.0 (moderate)	29,000
Gage & Town/Somerset County	15:52	17:35:00 EST		19:17	15.0 (major)	September 16, 1999
Susquehanna Basin (North Branch)	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Binghamton, New York - (BNGN6)	Flood = 14.0	14.51	M	Flood = 14.0	14.0 (minor)	25.73
Susquehanna River (North BR) - (WFO BGM)	10/26/2021	October 27, 2021		10/27/2021	15.0 (moderate)	missing
Gage & Town/Broome County	22:25	5:20:00 EST		10:03	18.0 (major)	September 8, 2011
Chenango Forks, New York - (CNON6)	Flood = 10.0	10.63	23.600	Flood = 10.0	10.0 (minor)	20.30
Chenango River - (WFO BGM)	10/26/2021	October 27, 2021		10/27/2021	12.6 (moderate)	96,000
Gage & Town/Broome County	19:07	12:20:00 EST		9:15	14.0 (major)	July 8, 1935
Conklin, New York - (CKLN6)	Flood = 12.0	14.65	32.200	Flood = 12.0	12.0 (minor)	25.02
Susquehanna River (North BR) - (WFO BGM)	10/26/2021	October 27, 2021		10/27/2021	15.0 (moderate)	76,800
Gage & Town/Broome County	16:47	3:00:00 EST		21:45	20.0 (major)	June 28, 2006
Cortland, New York - (CRTN6)	Flood = 8.0	10.84	7.440	Flood = 8.0	8.0 (minor)	14.07
Tioughnioga River - (WFO BGM)	10/26/2021	October 27, 2021		10/28/2021	10.0 (moderate)	14,200
Gage & Town/Cortland County	15:44	12:00:00 EST		15:15	12.5 (major)	April 3, 2005
Sherburne, New York - (SHBN6)	Flood = 8.5	9.24	4.870	Flood = 8.5	8.5 (minor)	13.72
Chenango River - (WFO BGM)	10/26/2021	October 26, 2021		10/27/2021	9.5 (moderate)	2,190
Gage & Town/Chenango County	17:22	21:45:00 EST		10:05	10.6 (major)	February 17, 1954
Vestal, New York - (VSTN6)	Flood = 18.0	22.24	58.100	Flood = 18.0	18.0 (minor)	35.26
Susquehanna River - (North BR) - (WFO BGM)	10/26/2021	October 27, 2021		10/28/2021	21.0 (moderate)	129,000
Gage & Town/Broome County	19:20	6:30:00 EST		3:45	27.0 (major)	September 8, 2011
Waverly, New York - (WVYN6)	Flood = 13.0	15.78	74.000	Flood = 13.0	13.0 (minor)	26.67
Susquehanna River (North BR) - (WFO BGM)	10/27/2021	October 27, 2021		10/28/2021	16.0 (moderate)	167,000
Gage/Bradford Co, PA - Town/Tioga Co, NY	0:32	13:30:00 EST		5:30	20.0 (major)	September 8, 2011
Susquehanna Basin (Upper Main Stem)	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Meshoppen, Pennsylvania - (MHPP1)	Flood = 27.0	27.32	111.000	Flood = 27.0	27.0 (minor)	44.48
Susquehanna River - (WFO BGM)	10/27/2021	October 28, 2021		10/28/2021	31.0 (moderate)	293,000
Gage & Town/Wyoming County	21:55	3:00:00 EST		6:50	40.0 (major)	September 8, 2011
Towanda, Pennsylvania - (TOWP1)	Flood = 16.0	17.03	107.000	Flood = 16.0	16.0 (minor)	33.43
Susquehanna River - (WFO BGM)	10/27/2021	October 27, 2021		10/28/2021	18.0 (moderate)	320,000
Gage & Town/Bradford County	12:15	20:00:00 EST		3:15	25.1 (major)	June 24, 1972

Crest Statistics

Flooding - 10/26/2021 - 11/1/2021

Crests - 10/26/2021 - 10/28/2021

First flood of 2 - October, 2021

Ninth flood in 2021

Number of MARFC Forecast Points Flooding - **23**

Number of Floods Cresting in **Minor** Range - **20**

Number of Floods Cresting in **Moderate** Range - **3**

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

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

MARFC Power Ranking - 35 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)

Number of MARFC records - **0**

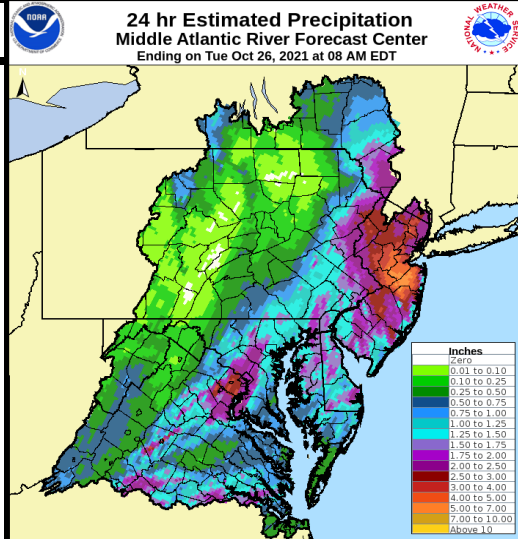
E = Estimated

Weather Summary

Low pressure over northwest Ohio and its' warm front over southern New York and its' cold front dropping southward from it moved east into the Mid-Atlantic. As the low approached the east coast, southerly flow off of the Atlantic drew heavy rain northward, particularly in New Jersey. After reaching the coast, the entire storm system intensified into a major east coast storm. Heavy rain then moved westward from the Atlantic ultimately causing fairly widespread minor to moderate flooding in New Jersey, northeast Pennsylvania, and New York.

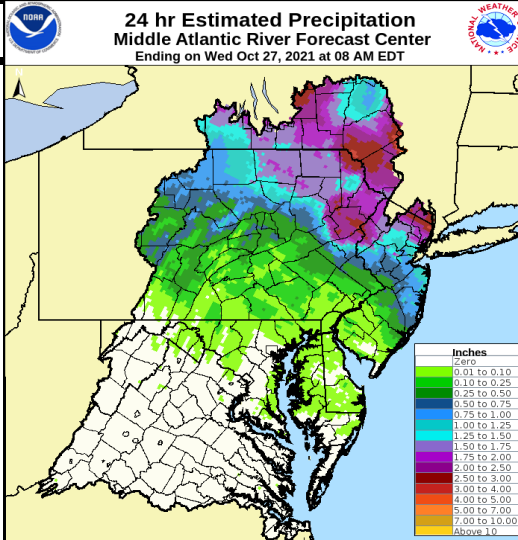
TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)

10/25/2021 (12 Z) - 10/26/2021 (12 Z)			
Amount	Location	State	County
4.83	Rockaway, NJ	NJ	Morris
4.32	Wayne, NJ	NJ	Passaic
4.20	Pompton Plains, NJ	NJ	Morris
4.19	Mountainside, NJ	NJ	Union
4.16	Oak Ridge Reservoir, NJ	NJ	Passaic
4.07	Freehold, NJ	NJ	Monmouth
3.98	Lincoln Park, NJ	NJ	Morris
3.95	Pompton Lakes, NJ	NJ	Passaic
3.95	New Providence, NJ	NJ	Union
3.92	Franklin Lake, NJ	NJ	Bergen
3.92	Little Falls, NJ	NJ	Passaic
3.86	Oakland, NJ	NJ	Bergen
3.76	Wanaque Dam, NJ	NJ	Passaic
3.72	Garrett Mountain, NJ	NJ	Passaic
3.70	Oakland, NJ	NJ	Bergen



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

10/26/2021 (12 Z) - 10/27/2021 (12 Z)			
Amount	Location	County	State
3.18	Vernon Twp., NJ	Sussex	NJ
3.03	Prompton Dam, PA	Wayne	PA
2.99	Starrucca, PA	Wayne	PA
2.88	Cherry Ridge, PA	Wayne	PA
2.86	Rondout Reservoir, NY	Ulster	NY
2.81	Rock Hill, NY	Sullivan	NY
2.80	Roscoe, NY	Sullivan	NY
2.80	Honesdale, PA	Wayne	PA
2.78	Long Eddy, NY	Delaware	NY
2.75	Nanuet, NY	Rockland	NY
2.72	Park Ridge, NJ	Bergen	NJ
2.71	Windsor, NY	Broome	NY
2.66	Honesdale, PA	Wayne	PA
2.64	Dundee, NY	Schuyler	NY
2.55	Hawley, PA	Wayne	PA



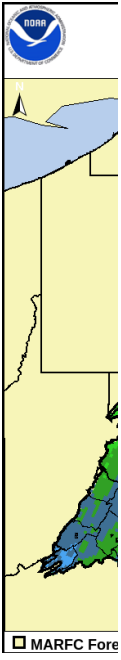
MARFC Forecast Area County Boundaries

Floods by MARFC Basins

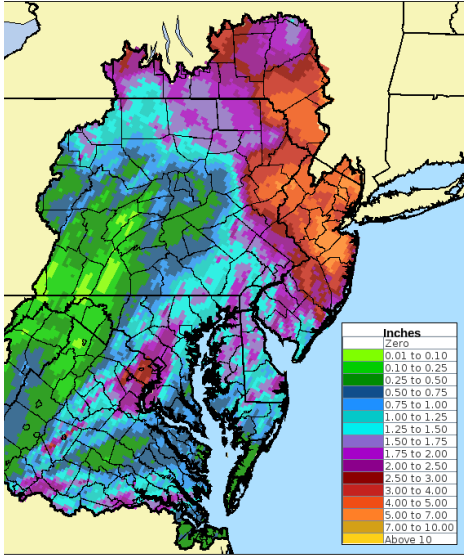
MARFC Basins	Fcst Points	Minor	Moderate	Major	Unknown	Mod & Major
Appomattox	0	0	0	0	0	0
Chemung	0	0	0	0	0	0
Delaware	5	4	1	0	0	1
James	0	0	0	0	0	0
Juniata	0	0	0	0	0	0
Lehigh	0	0	0	0	0	0
Lower Main Stem Susquehanna	0	0	0	0	0	0
North Branch Susquehanna	7	5	2	0	0	2
Passaic	5	5	0	0	0	0
Potomac	0	0	0	0	0	0
Rappahannock	0	0	0	0	0	0
Raritan	4	4	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	2	2	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)	14	11	3	0	0	3
Brookhaven, NY (OKX)	2	2	0	0	0	0
Philadelphia, PA (PHI)	7	7	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)	0	0	0	0	0	0



48 hr Estimated Precipitation
Middle Atlantic River Forecast Center
Ending on Wed Oct 27, 2021 at 10 AM EDT



Inches
2.00
0.01 to 0.10
0.10 to 0.25
0.25 to 0.50
0.50 to 0.75
0.75 to 1.00
1.00 to 1.25
1.25 to 1.50
1.50 to 1.75
1.75 to 2.00
2.00 to 2.50
2.50 to 3.00
3.00 to 4.00
4.00 to 5.00
5.00 to 7.00
7.00 to 10.00
Above 10

Forecast Area County Boundaries