

April 30 - May 6, 2023 Preliminary Flood Summary

Passaic	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Boonton, NJ (below reservoir)</u>	Flood = 5.0	6.11	2,210	Flood = 5.0	5.0 (minor)	9.73
Rockaway River - (WFO PHI) - (BONN4)	2023-05-01	May 1, 2023 15:15 EST		2023-05-02	7.0 (moderate)	6,140
Gage & Town/Morris County	00:52			21:23	8.0 (major)	August 28, 2011
<u>Chatham, New Jersey - (CAMN4)</u>	Flood = 6.0	6.36	1,540	Flood = 6.0	6.0 (minor)	9.36
Passaic River - (WFO PHI)	2023-04-30	April 30, 2023 11:45 EST		2023-05-01	8.0 (moderate)	3,380
Gage & Town/Morris County	22:52			04:53	10.0 (major)	August 2, 1973
<u>Little Falls, New Jersey - (LTFN4)</u>	Flood = 7.0	7.53	7,420	Flood = 7.0	7.0 (minor)	17.50
Passaic River - (WFO PHI)	2023-05-01	May 2, 2023 22:00 EST		2023-05-04	8.0 (moderate)	31,700
Gage & Town/Passaic County	23:37			00:08	9.0 (major)	October 10, 1903
<u>Lodi, New Jersey - (LODN4)</u>	Flood = 5.5	6.33	2,050	Flood = 5.5	5.5 (minor)	13.94
Saddle River - (WFO OKX)	2023-04-30	May 1, 2023 02:15 EST		2023-05-01	7.0 (moderate)	5,330
Gage & Town/Bergen County	19:37			08:22	8.0 (major)	September 17, 1999
<u>Macopin Intake, New Jersey - (MCPN4)</u>	Flood = 5.5	5.82	1,570	Flood = 5.5	5.5 (minor)	17.40
Pequannock River - (WFO PHI)	2023-04-30	May 1, 2023 11:45 EST		2023-05-02	6.5 (moderate)	6,100
Gage & Town/Passaic County	23:42			05:57	7.5 (major)	October 10, 1903
<u>Mahwah, New Jersey - (MAWN4)</u>	Flood = 8.0	8.02	2,600	Flood = 8.0	8.0 (minor)	15.77
Ramapo River - (WFO OKX)	2023-05-01	May 1, 2023 13:00 EST		2023-05-01	9.0 (moderate)	15,000
Gage & Town/Bergen County	11:07			15:22	12.0 (major)	August 28, 2011
<u>Pine Brook, New Jersey - (PINN4)</u>	Flood = 19.0	20.32	3,690	Flood = 19.0	19.0 (minor)	24.12
Passaic River - (WFO PHI)	2023-05-01	May 2, 2023 12:15 EST		2023-05-06	20.0 (moderate)	9,750
Gage & Town/Morris County	00:07			10:00	21.0 (major)	August 30, 2011
<u>Singac, New Jersey - (SIGN4)</u>	Flood = 8.5	9.59	7,550	Flood = 8.5	8.5 (minor)	9.65
Passaic River - (WFO PHI)	2023-05-01	May 2, 2023 20:15 EST		2023-05-04	10.0 (moderate)	8,100
Gage & Town/Passaic County	14:37			16:52	12.0 (major)	May 3, 2014
Raritan	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Blackwells Mills, New Jersey - (BKWN4)</u>	Flood = 9.0	10.08	4,790	Flood = 9.0	9.0 (minor)	21.24
Millstone River - (WFO PHI)	2023-05-01	May 1, 2023 16:30 EST		2023-05-02	10.0 (moderate)	20,700
Gage & Town/Somerset County	05:07			04:22	15.0 (major)	August 28, 2011

Southeast PA & Delaware	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Langhorne, Pennsylvania - (LNGP1)</u>	Flood = 9.0	9.70	7,650	Flood = 9.0	9.0 (minor)	22.84
Neshaminy Creek - (WFO PHI)	2023-05-01	May 1, 2023 05:15 EST		2023-05-01	12.0 (moderate)	49,300
Gage & Town/Bucks County	03:07			10:22	14.0 (major)	August 19, 1955
Susquehanna Basin (North Branch)	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Chenango Forks, New York - (CNON6)</u>	Flood = 10.0	10.59	23,400	Flood = 10.0	10.0 (minor)	20.30
Chenango River - (WFO BGM)	2023-05-01	May 1, 2023 05:45 EST		2023-05-01	12.6 (moderate)	96,000
Gage & Town/Broome County	04:00			17:07	14.0 (major)	July 8, 1935
<u>Conklin, New York - (CKLN6)</u>	Flood = 12.0	13.52	28,200	Flood = 12.0	12.0 (minor)	25.02
Susquehanna River (North BR) - (WFO BGM)	2023-05-01	May 1, 2023 13:00 EST		2023-05-02	15.0 (moderate)	76,800
Gage & Town/Broome County	02:00			07:52	20.0 (major)	June 28, 2006
<u>Cortland, New York - (CRTN6)</u>	Flood = 8.0	8.52	4,030	Flood = 8.0	8.0 (minor)	14.07
Tioughnioga River - (WFO BGM)	2023-05-01	May 1, 2023 21:45 EST		2023-05-02	10.0 (moderate)	14,200
Gage & Town/Cortland County	16:52			05:52	12.5 (major)	April 3, 2005
<u>Greene, New York - (GNEN6)</u>	Flood = 13.0	13.64	10,600	Flood = 13.0	13.0 (minor)	22.00
Chenango River - (WFO BGM)	2023-05-01	May 1, 2023 10:45 EST		2023-05-01	15.0 (moderate)	not available
Gage & Town/Chenango County	05:52			21:52	18.0 (major)	July 8, 1935
<u>Sherburne, New York - (SHBN6)</u>	Flood = 8.5	8.56	3,660	Flood = 8.5	8.5 (minor)	13.72
Chenango River - (WFO BGM)	2023-05-01	May 1, 2023 08:00 EST		2023-05-01	9.5 (moderate)	2,190
Gage & Town/Chenango County	06:52			09:22	10.6 (major)	February 17, 1954
<u>Vestal, New York - (VSTN6)</u>	Flood = 18.0	21.13	54,100	Flood = 18.0	18.0 (minor)	35.26
Susquehanna River - (North BR) - (WFO BGM)	2023-05-01	May 1, 2023 13:45 EST		2023-05-02	21.0 (moderate)	129,000
Gage & Town/Broome County	03:08			11:37	27.0 (major)	September 8, 2011
<u>Waverly, New York - (WVYN6)</u>	Flood = 13.0	14.48	64,800	Flood = 13.0	13.0 (minor)	26.67
Susquehanna River (North BR) - (WFO BGM)	2023-05-01	May 1, 2023 17:00 EST		2023-05-02	16.0 (moderate)	167,000
Gage/Bradford Co, PA - Town/Tioga Co, NY	09:22			11:07	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)
<u>Tunkhannock, Pennsylvania - (TNKP1)</u>	Flood = 11.0	11.10	13,800	Flood = 11.0	11.0 (minor)	20.90
Tunkhannock Creek - (WFO BGM)	2023-05-01	May 1, 2023 07:45 EST		2023-05-01	14.0 (moderate)	39,500
Gage & Town/Wyoming County	06:37			09:07	17.0 (major)	June 28, 2006

Crest Statistics

Flooding - 4/30/2023 - 5/06/2023

Crests - 04/30/2023 - 05/02/2023

First flood of 1 - May, 2023

Third flood in 2023

Number of MARFC Forecast Points Flooding - **18**

Number of Floods Cresting in **Minor** Range - **15**

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 - 30 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)

Number of MARFC records - **0**

E = Estimated

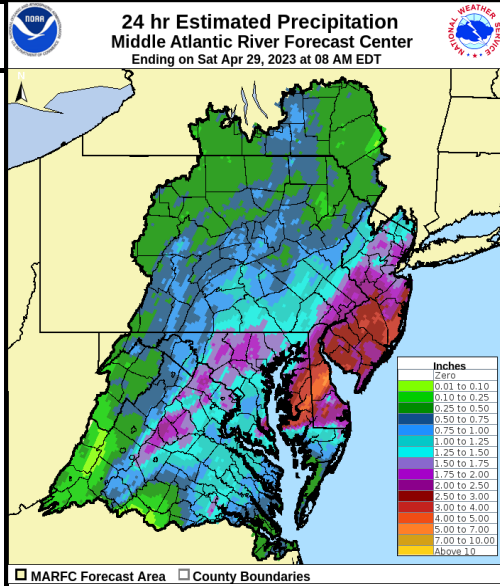
Weather Summary

A potent upper low over the Great Lakes supported a coastal low off the Mid-Atlantic. The coastal low intensified as it approached New England and a cold front swept in from the west, supporting long-duration heavy rain across the Mid-Atlantic. Rainfall of 3-5 inches was reported, falling just 1-2 days after an area-wide soaking rainfall of up to 1-4". This led to several Minor to Moderate river floods in parts of New York, Pennsylvania, and New Jersey.

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

4/29/2023 (12 Z) - 4/29/2023 (12 Z)
Amount Location State County

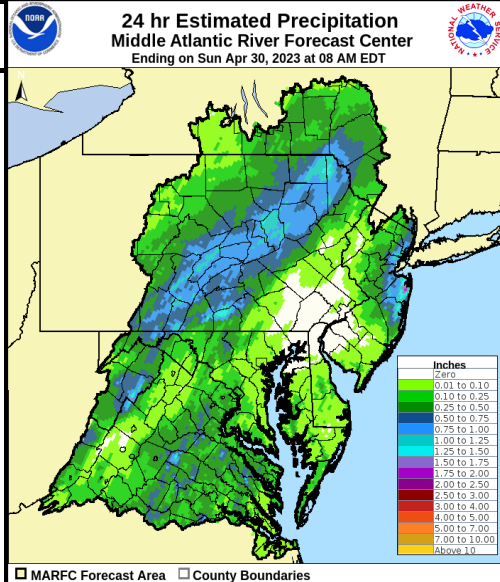
- 5.14 Kitts Hummock, DE Kent
- 4.92 Dover, DE Kent
- 3.84 Greensboro, MD Caroline
- 3.78 Lakewood, NJ Ocean
- 3.77 Smyrna, DE Kent
- 3.75 Kenton, DE Kent
- 3.63 Denton, MD Caroline
- 3.59 Millville, NJ Cumberland
- 3.46 Stafford Township, NJ Ocean
- 3.39 Woodbine, NJ Cape May
- 3.29 Berkeley Township, NJ Ocean
- 3.23 Blackbird, DE New Castle
- 3.22 Estell Manor, NJ Atlantic
- 3.22 Upper Deerfield, NJ Cumberland
- 3.19 Margate City, NJ Atlantic



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

4/30/2023 (12 Z) - 4/30/2023 (12 Z)
Amount Location State County

- 1.80 Harrison, NJ Hudson
- 1.70 Newark Airport, NJ Essex
- 1.49 Elizabethville, PA Dauphin
- 1.47 Selinsgrove, PA Snyder
- 1.32 Scranton/Wilkes-Barre Airport, PA Luzerne
- 1.30 Everett, PA Bedford
- 1.26 Harrisburg, PA Dauphin
- 1.24 Garrett Mountain, NJ Passaic
- 1.22 Pleasant Mount, PA Wayne
- 1.19 Little Falls Township, NJ Passaic
- 1.16 Pine Grove Furnace, PA Cumberland
- 1.16 Toms River, NJ Ocean
- 1.14 Mountainside, NJ Union
- 1.12 NYC-LaGuardia Airport, NY Queens
- 1.10 Fayetteville, PA Franklin



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

5/1/2023 (12 Z) - 5/1/2023 (12 Z)		
Amount	Location State County	
3.08	Georgetown, DE Sussex	
3.06	Oceanport, NJ Monmouth	
3.04	Atglen, PA Chester	
3.00	Greene, NY Chenango	
2.92	Phoenicia, NY Ulster	
2.90	Ocean Township, NJ Monmouth	
2.89	Delmar, DE Sussex	
2.85	Harrison, NJ Hudson	
2.82	Berkeley Township, NJ Ocean	
2.82	Medford Lakes, NJ Burlington	
2.77	Lakewood, NJ Ocean	
2.74	Laurel Airport, DE Sussex	
2.66	Howell, NJ Monmouth	
2.64	Canoe Brook, NJ Essex	
2.63	Blue Anchor, NJ Camden	

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	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	6	1	0	0	1
Passaic	8	7	1	0	0	1
Potomac	0	0	0	0	0	0
Rappahannock	0	0	0	0	0	0
Raritan	1	0	1	0	0	1
SE PA and Delaware (state)	1	1	0	0	0	0
Shenandoah	0	0	0	0	0	0
Upper Main Stem Susquehanna	1	1	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)	8	7	1	0	0	1
Brookhaven, NY (OKX)	2	2	0	0	0	0
Philadelphia, PA (PHI)	8	6	2	0	0	2
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

