

## August 22 - 28, 2021 Preliminary Flood Summary

Delaware	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<b>Minisink Hills, Pennsylvania - (MNSP1)</b>	Flood = 10.0	<b>11.03</b>	<b>16.400</b>	Flood = 10.0	10.0 (minor)	27.00
Brodhead Creek - (WFO PHI)	8/23/2021	<b>August 23, 2021 2:00:00 EST</b>		8/23/2021	12.0 (moderate)	68,800
Gage & Town/Monroe County	0:40			8:50	15.0 (major)	August 19, 1955
<b>Pemberton, New Jersey - (PEBN4)</b>	Flood = 2.5	<b>2.52</b>	<b>635</b>	Flood = 2.5	2.5 (minor)	4.91
North Branch Rancocas Creek - (WFO PHI)	8/23/2021	<b>August 24, 2021 2:15:00 EST</b>		8/24/2021	3.5 (moderate)	2,400
Gage & Town/Burlington County	20:15			14:15	4.2 (major)	August 29, 2011
<b>Shoemakers, Pennsylvania - (SHOP1)</b>	Flood = 6.0	<b>6.26</b>	<b>4.070</b>	Flood = 6.0	6.0 (minor)	13.95
Bush Kill - (WFO PHI)	8/23/2021	<b>August 23, 2021 4:30:00 EST</b>		8/23/2021	7.0 (moderate)	23,400
Gage/Monroe County - Town/Cambria County	1:25			7:05	8.0 (major)	August 19, 1955
Lehigh	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<b>Walnutport, Pennsylvania - (WNTP1)</b>	Flood = 8.0	<b>9.18</b>	<b>23.400</b>	Flood = 8.0	8.0 (minor)	20.60
Lehigh River - (WFO PHI)	8/23/2021	<b>August 23, 2021 7:20:00 EST</b>		8/23/2021	12.0 (moderate)	not available
Gage & Town/Northampton County	4:53			13:22	16.0 (major)	May 23, 1942
Passaic	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<b>Boonton, NJ (below reservoir)</b>	Flood = 5.0	<b>6.15</b>	<b>2.310</b>	Flood = 5.0	5.0 (minor)	9.73
Rockaway River - (WFO PHI) - (BONN4)	8/23/2021	<b>August 23, 2021 19:30:00 EST</b>		8/24/2021	7.0 (moderate)	6,140
Gage & Town/Morris County	5:00			17:35	8.0 (major)	August 28, 2011
<b>Lodi, New Jersey - (LODN4)</b>	Flood = 6.0	<b>7.54</b>	<b>2.600</b>	Flood = 6.0	6.0 (minor)	13.94
Saddle River - (WFO OKX)	8/22/2021	<b>August 23, 2021 3:15:00 EST</b>		8/23/2021	7.0 (moderate)	5,330
Gage & Town/Bergen County	22:05			11:15	8.0 (major)	September 17, 1999
<b>Macopin Intake, New Jersey - (MCPN4)</b>	Flood = 5.5	<b>5.82</b>	<b>1.570</b>	Flood = 5.5	5.5 (minor)	17.40
Pequannock River - (WFO PHI)	8/23/2021	<b>August 23, 2021 4:30:00 EST</b>		8/23/2021	6.5 (moderate)	6,100
Gage & Town/Passaic County	2:02			17:22	7.5 (major)	October 10, 1903
<b>Mahwah, New Jersey - (MAWN4)</b>	Flood = 8.0	<b>8.82</b>	<b>4.270</b>	Flood = 8.0	8.0 (minor)	15.77
Ramapo River - (WFO OKX)	8/23/2021	<b>August 23, 2021 7:50:00 EST</b>		8/23/2021	9.0 (moderate)	15,000
Gage & Town/Bergen County	4:40			23:30	12.0 (major)	August 28, 2011
<b>Pine Brook, New Jersey - (PINN4)</b>	Flood = 19.0	<b>20.28</b>	<b>3.680</b>	Flood = 19.0	19.0 (minor)	24.12
Passaic River - (WFO PHI)	8/23/2021	<b>August 24, 2021 19:10:00 EST</b>		8/28/2021	20.0 (moderate)	9,750
Gage & Town/Morris County	14:45			17:30	21.0 (major)	August 30, 2011
<b>Pompton Plains, New Jersey - (PPPN4)</b>	Flood = 16.0	<b>16.35</b>	<b>7.880</b>	Flood = 16.0	16.0 (minor)	25.24
Pompton River - (WFO PHI)	8/23/2021	<b>August 23, 2021 15:20:00 EST</b>		8/23/2021	18.0 (moderate)	missing
Gage/Passaic County - Town/Morris County	8:20			19:40	19.0 (major)	August 29, 2011
<b>Singac, New Jersey - (SIGN4)</b>	Flood = 8.5	<b>8.82</b>	<b>6.900</b>	Flood = 8.5	8.5 (minor)	9.65
Passaic River - (WFO PHI)	8/23/2021	<b>August 24, 2021 10:20:00 EST</b>		8/25/2021	10.0 (moderate)	8,100
Gage & Town/Passaic County	22:10			2:00:00 PM	12.0 (major)	May 3, 2014

Raritan	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<b>Blackwells Mills, New Jersey - (BKWN4)</b>	Flood = 9.0	<b>14.23</b>	<b>9.530</b>	Flood = 9.0	9.0 (minor)	21.24
Millstone River - (WFO PHI)	8/22/2021	<b>August 23, 2021 11:50:00 EST</b>		8/24/2021	10.0 (moderate)	20,700
Gage & Town/Somerset County	16:35			20:40	15.0 (major)	August 28, 2011
<b>Bound Brook, New Jersey - (BDKN4)</b>	Flood = 28.0	<b>30.50</b>	<b>24.500</b>	Flood = 28.0	28.0 (minor)	42.13
Raritan River - (WFO PHI)	8/23/2021	<b>August 23, 2021 21:30:00 EST</b>		8/24/2021	30.0 (moderate)	82,900
Gage & Town/Somerset County	7:12			5:25	33.0 (major)	September 17, 1999
<b>Manville, New Jersey - (MNVN4)</b>	Flood = 14.0	<b>16.61</b>	<b>17.500</b>	Flood = 14.0	14.0 (minor)	27.10
Raritan River - (WFO PHI)	8/23/2021	<b>August 23, 2021 20:30:00 EST</b>		8/24/2021	17.0 (moderate)	77,600
Gage & Town/Somerset County	11:23			3:05	20.0 (major)	September 16, 1999
<b>Raritan, New Jersey - (RRTN4)</b>	Flood = 10.0	<b>11.88</b>	<b>11.600</b>	Flood = 10.0	10.0 (minor)	18.98
North Branch Raritan River - (WFO PHI)	8/23/2021	<b>August 23, 2021 13:30:00 EST</b>		8/23/2021	12.0 (moderate)	29,000
Gage & Town/Somerset County	10:58			18:20	15.0 (major)	September 16, 1999
<b>Stanton, New Jersey - (STTN4)</b>	Flood = 8.0	<b>8.55</b>	<b>4.840</b>	Flood = 8.0	8.0 (minor)	15.22
South Branch Raritan River - (WFO PHI)	8/23/2021	<b>August 23, 2021 10:15:00 EST</b>		8/23/2021	10.0 (moderate)	18,000
Gage & Town/Hunterdon County	7:40			12:10	12.0 (major)	August 19, 1955

**Crest Statistics**

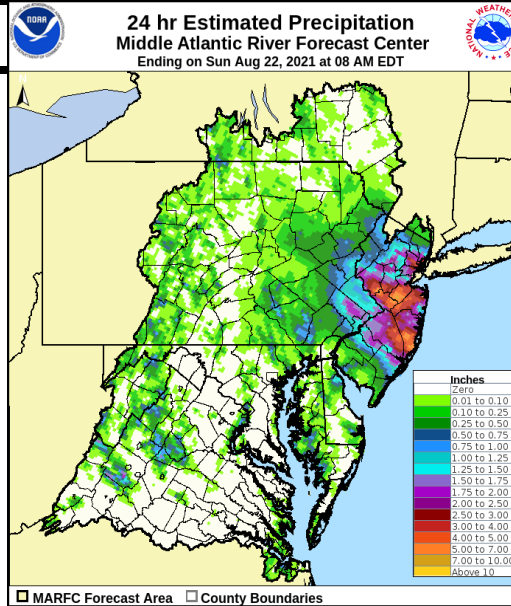
Flooding - 8/22/2021 - 8/28/2021  
 Crests - 8/23/2021 - 8/24/2021  
 Second flood of 2 - August, 2021  
 Sixth flood in 2021  
 Number of MARFC Forecast Points Flooding - **16**  
 Number of Floods Cresting in **Minor** Range - 12  
 Number of Floods Cresting in **Moderate** Range - 4  
 Number of Floods Cresting in **Major** Range - 0  
 Number of Floods Cresting in **Missing** Range - 0  
**MARFC Power Ranking** - 32 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)  
 Number of MARFC records - 0  
 E = Estimated



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

**8/21/2021 (12 Z) - 8/22/2021 (12 Z)**  
**Amount Location County State**

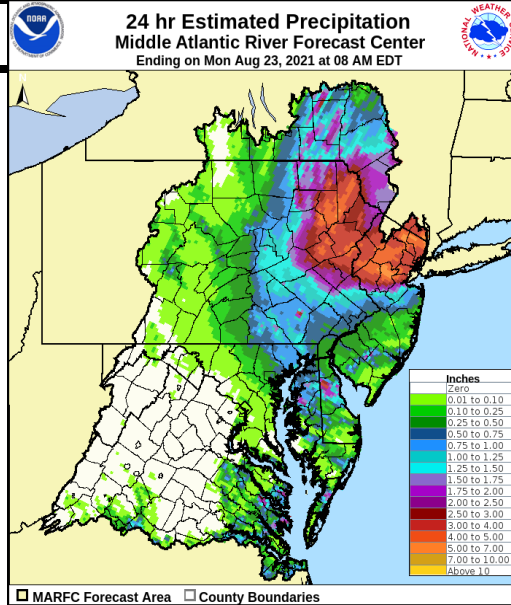
5.12	Highstown, NJ	Mercer
4.93	Harvey Cedars, NJ	Ocean
4.55	Deans, NJ	Middlesex
4.50	Old Bridge, NJ	Middlesex
4.45	Chatsworth, NJ	Burlington
4.23	Harrison, NJ	Hudson
4.12	Belle Meade, NJ	Somerset
4.11	Stafford Twp., NJ	Ocean
4.06	North Brunswick, NJ	Middlesex
3.36	Neshanic, NJ	Somerset
3.12	North Princeton, NJ	Somerset
3.08	Oswego Lake, NJ	Burlington
2.92	Maplewood, NJ	Essex
2.88	Toms River, NJ	Ocean
2.86	Pittstown, NJ	Hunterdon



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

**8/22/2021 (12 Z) - 8/23/2021 (12 Z)**  
**Amount Location State County**

7.61	Monksville, NJ	Passaic
7.37	West Milford Twp., NJ	Passaic
6.62	Oakland, NJ	Bergen
6.61	Wanaque Dam, NJ	Passaic
6.48	West Milford, NJ	Passaic
6.39	Ringwood, NJ	Passaic
6.32	Blakeslee, PA	Carbon
6.13	Oakland, NJ	Bergen
6.12	Ringwood, NJ	Passaic
5.80	Sterling Forest, NY	Orange
5.53	Hardyston Twp., NJ	Sussex
5.51	Charlotteburg, NJ	Passaic
5.23	Pompton Lakes, NJ	Passaic
5.11	Picatinny Arsenal, NJ	Morris
5.00	Andover Twp., NJ	Sussex



<b>Floods by MARFC Basins</b>						
<b>MARFC Basins</b>	<b>Fcst Points</b>	<b>Minor</b>	<b>Moderate</b>	<b>Major</b>	<b>Unknown</b>	<b>Mod &amp; Major</b>
Appomattox	0	0	0	0	0	0
Chemung	0	0	0	0	0	0
Delaware	3	3	0	0	0	0
James	0	0	0	0	0	0
Juniata	0	0	0	0	0	0
Lehigh	1	1	0	0	0	0
Lower Main Stem Susquehanna	0	0	0	0	0	0
North Branch Susquehanna	0	0	0	0	0	0
Passaic	7	5	2	0	0	2
Potomac	0	0	0	0	0	0
Rappahannock	0	0	0	0	0	0
Raritan	5	3	2	0	0	2
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
<b>Floods by NWS Weather Forecast Offices</b>						
<b>Forecast Office</b>	<b>Fcst Points</b>	<b>Minor</b>	<b>Moderate</b>	<b>Major</b>	<b>Unknown</b>	<b>Mod &amp; Major</b>
Blacksburg, VA (RNK)	0	0	0	0	0	0
Binghamton, NY (BGM)	0	0	0	0	0	0
Brookhaven, NY (OKX)	2	1	1	0	0	1
Philadelphia, PA (PHI)	14	11	3	0	0	3
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