

## August 4 - 5, 2020 Preliminary Flood Summary

Delaware	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#"><u>Cooks Falls, New York - (CKFN6)</u></a>	Flood = 10.0	<b>10.81</b>	<b>12,000</b>	Flood = 10.0	10.0 (minor)	20.55
Beaver Kill - (WFO BGM)	8/4/2020	<b>August 4, 2020 19:15:00 EST</b>		8/4/2020	16.0 (moderate)	62,400
Gage & Town/Delaware County	17:17			20:52	18.0 (major)	June 28, 2006
<a href="#"><u>Minisink Hills, Pennsylvania - (MNSP1)</u></a>	Flood = 10.0	<b>10.64</b>	<b>15,300</b>	Flood = 10.0	10.0 (minor)	27.00
Brodhead Creek - (WFO PHI)	8/4/2020	<b>August 4, 2020 18:30:00 EST</b>		8/4/2020	12.0 (moderate)	68,800
Gage & Town/Monroe County	17:40			20:10	15.0 (major)	August 19, 1955
Lehigh	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#"><u>Allentown, Pennsylvania - (ALNP1)</u></a>	Flood = 8.0	<b>11.82R</b>	<b>16,900</b>	Flood = 8.0	8.0 (minor)	11.61
Jordan Creek - (WFO PHI)	8/4/2020	<b>August 5, 2020 00:35:00 EST</b>		8/5/2020	10.0 (moderate)	16,200
Gage & Town/Lehigh County	21:20			6:53	11.0 (major)	June 23, 1972
Raritan	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#"><u>Stanton, New Jersey - (STTN4)</u></a>	Flood = 8.0	<b>8.45</b>	<b>4,710</b>	Flood = 8.0	8.0 (minor)	15.22
South Branch Raritan River - (WFO PHI)	8/4/2020	<b>August 4, 2020 17:30:00 EST</b>		8/4/2020	10.0 (moderate)	18,000
Gage & Town/Hunterdon County	15:45			18:32	12.0 (major)	August 19, 1955
Southeast PA & Delaware	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#"><u>Chadds Ford, Pennsylvania - (CDFP1)</u></a>	Flood = 9.0	<b>14.32</b>	<b>14,200</b>	Flood = 9.0	9.0 (minor)	17.15
Brandywine Creek/Christina Basin - (WFO PHI)	8/4/2020	<b>August 4, 2020 23:30:00 EST</b>		8/5/2020	11.0 (moderate)	26,900
Gage & Town/Delaware County	13:13			8:35	13.0 (major)	September 17, 1999
<a href="#"><u>Graterford, Pennsylvania - (GRAP1)</u></a>	Flood = 11.0	<b>19.14R</b>	<b>44,600</b>	Flood = 11.0	11.0 (minor)	18.26
Perkiomen Creek - (WFO PHI)	8/4/2020	<b>August 4, 2020 20:15:00 EST</b>		8/5/2020	13.0 (moderate)	39,900
Gage & Town/Montgomery County	11:55			1:50	16.0 (major)	July 9, 1935
<a href="#"><u>Langhorne, Pennsylvania - (LNGP1)</u></a>	Flood = 9.0	<b>11.92</b>	<b>10,600</b>	Flood = 9.0	9.0 (minor)	22.84
Neshaminy Creek - (WFO PHI)	8/4/2020	<b>August 5, 2020 2:30:00 EST</b>		8/5/2020	12.0 (moderate)	49,300
Gage & Town/Bucks County	16:10			5:35	14.0 (major)	August 19, 1955
<a href="#"><u>Norristown, Pennsylvania - (NRSP1)</u></a>	Flood = 13.0	<b>20.55</b>	<b>88,100</b>	Flood = 13.0	13.0 (minor)	25.10
Schuylkill River - (WFO PHI)	8/4/2020	<b>August 5, 2020 00:00:00 EST</b>		8/5/2020	17.0 (moderate)	not available
Gage & Town/Montgomery County	11:40			11:55	19.0 (major)	June 23, 1972

<b><u>Philadelphia, Pennsylvania - (PADP1)</u></b>	Flood = 11.0	<b>13.28</b>	<b>74,000</b>	Flood = 11.0	11.0 (minor)	17.00
Schuylkill River - (WFO PHI)	8/4/2020	<b>August 4, 2020 23:00:00 EST</b>		8/5/2020	13.0 (moderate)	135,000
Gage & Town/Philadelphia County	13:35			10:20	15.5 (major)	October 4, 1869
<b><u>Pottstown, Pennsylvania - (PTNP1)</u></b>	Flood = 12.5	<b>15.16</b>	<b>30,600</b>	Flood = 12.5	12.5 (minor)	29.97
Schuylkill River - (WFO PHI)	8/4/2020	<b>August 4, 2020 22:45:00 EST</b>		8/5/2020	18.0 (moderate)	95,900
Gage & Town/Montgomery County	15:02			14:15	22.0 (major)	June 23, 1972
<b><u>Wilmington, Delaware - (WMND1)</u></b>	Flood = 16.5	<b>18.62</b>	<b>16,100</b>	Flood = 16.5	16.5 (minor)	20.70
Brandywine Creek/Christina Basin - (WFO PHI)	8/4/2020	<b>August 5, 2020 3:00:00 EST</b>		8/5/2020	18.0 (moderate)	missing
Gage & Town/New Castle County	22:40			10:35	19.0 (major)	May 1, 2014

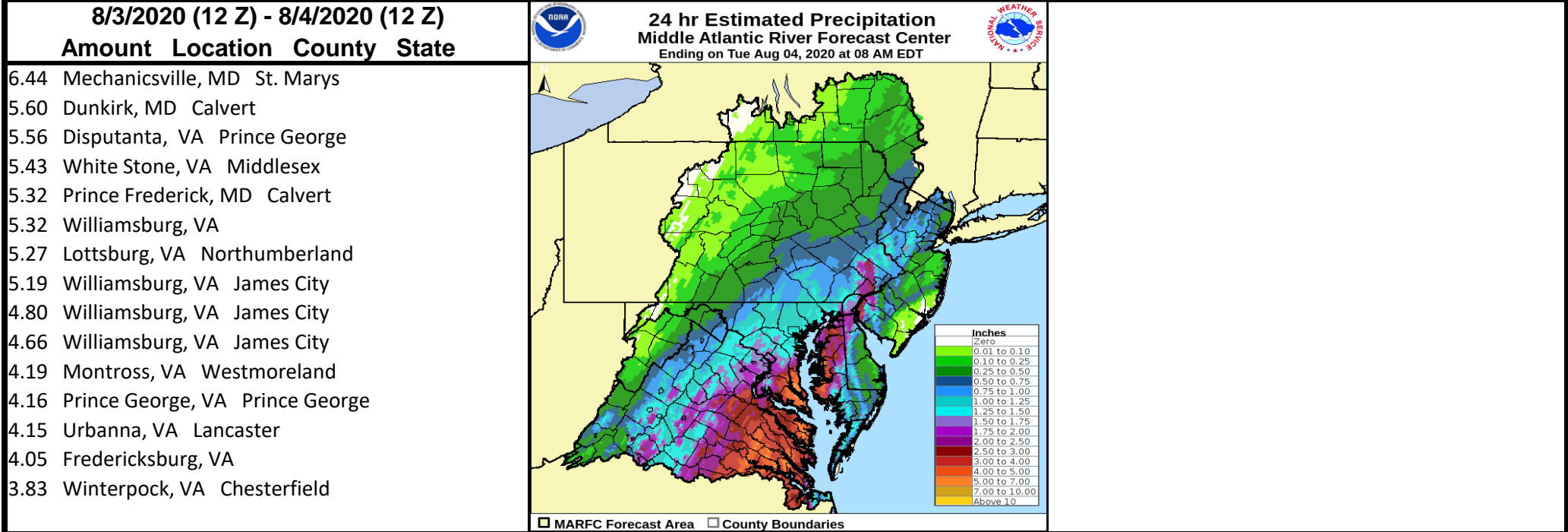
**Crest Statistics**

Flooding - 8/4/2020 - 8/5/2020  
 Crests - 8/4/2020 - 8/5/2020  
 First flood of 1 - August, 2020  
 Eighth flood in 2020  
 Number of MARFC Forecast Points Flooding - **11**  
 Number of Floods Cresting in **Minor** Range - 5  
 Number of Floods Cresting in **Moderate** Range - 2  
 Number of Floods Cresting in **Major** Range - 4  
 Number of Floods Cresting in **Missing** Range - 0  
**MARFC Power Ranking** - 55 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)  
 Number of MARFC records - 2  
 E = Estimated

## Weather Summary

Two days of thunderstorms dropped excessive rainfall amounts ranging from 2 to over 5 inches in some parts of Berks, Lehigh, and Northampton counties in southeastern Pennsylvania. Then, the remains of what had been Hurricane "Isaias" moved northward along the East Coast dropping a band of rainfall of 4 to 8+ inches from southeast Virginia northward through the Chesapeake Bay, eastern Pennsylvania, and the adjoining states of Delaware, New Jersey, and New York. The heaviest of this rain fell from the mid-Chesapeake Bay region into southeast Pennsylvania. Wet ground from the previous thunderstorms led to significant runoff and flooding. Major flooding occurred at a few places with record flooding at 2 locations.

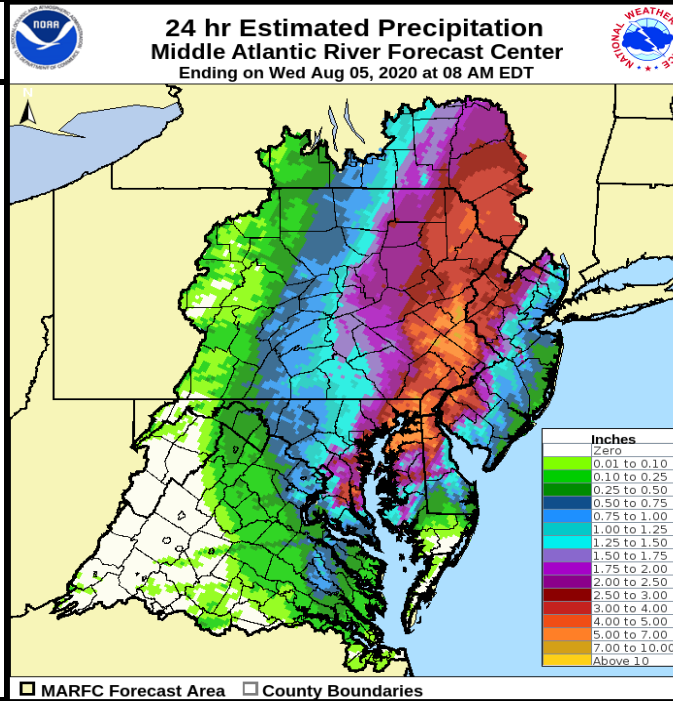
## TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)



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

**8/4/2020 (12 Z) - 8/5/2020 (12 Z)**  
**Amount Location County State**

6.55	North Wales, PA	Montgomery	
6.19	Stroudsburg, PA	Monroe	
6.15	Phoenicia, NY	Ulster	
5.83	St. Davids, PA	Delaware	
5.48	Sellersville, PA	Bucks	
5.47	Moscow, PA	Wayne	
5.47	Coatesville, PA	Chester	
5.44	Springtown, PA	Bucks	
5.42	Stevensville, MD	Queen Anne's	
5.37	Unionville, PA	Chester	
5.34	Hatfield, PA	Montgomery	
5.24	Phillipsburg, NJ	Warren	
5.16	Wurtsboro, NY	Sullivan	
5.10	Boyertown, PA	Berks	
5.05	Conshohocken, PA	Montgomery	



<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	2	2	0	0	0	0
James	0	0	0	0	0	0
Juniata	0	0	0	0	0	0
Lehigh	1	0	0	1	0	1
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	1	1	0	0	0	0
SE PA and Delaware (state)	7	2	2	3	0	5
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)	1	1	0	0	0	0
Brookhaven, NY (OKX)	0	0	0	0	0	0
Philadelphia, PA (PHI)	10	4	2	4	0	6
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