

May 29 - May 30, 2019 Preliminary Flood Summary

Southeast PA & Delaware	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Langhorne, Pennsylvania - (LNGP1)</u>	Flood = 9.0	11.00	9,360	Flood = 9.0	9.0 (minor)	22.84
Neshaminy Creek - (WFO PHI)	5/29/2019	May 30, 2019		5/30/2019	12.0 (moderate)	49,300
Gage & Town/Bucks County	21:10	1:30:00 EST		5:50	14.0 (major)	August 19, 1955

Crest Statistics

Flooding - 5/29/2019 - 5/30/2019
 Crests - 5/30/2019
 Third flood of 3 - May, 2019
 Twelfth flood in 2019
 Number of MARFC Forecast Points Flooding - **1**
 Number of Floods Cresting in **Minor** Range - 1
 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 - 1 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)
 Number of MARFC records - 0
 E = Estimated

Weather Summary

A slow moving/nearly stationary frontal system draped across the Mid-Atlantic allowed for the development of frequent showers and thunderstorms over a 3 day period. On the second day, rainfall became heavy enough to cause flooding on the Neshaminy Creek in Pennsylvania.

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

5/29/2019 (12 Z) - 5/30/2019 (12 Z)																																						
Amount Location County State	24 hr Estimated Precipitation Middle Atlantic River Forecast Center Ending on Thu May 30, 2019 at 08 AM EDT																																					
2.38 Langhorne, PA Bucks 2.28 Laurel Mountain, PA Somerset 2.09 Trenton, NJ Mercer 2.09 Penndel, PA Bucks 2.00 Blairstown Twp., NJ Warren 1.98 Philadelphia Northeast Airport, PA Philadelphia 1.95 Lawrence Twp., NJ Mercer 1.94 Hamilton, NJ Mercer 1.93 Prompton Dam, PA Wayne 1.89 Ewingville, NJ Mercer 1.87 Honesdale, PA Wayne 1.79 Stockton, NJ Hunterdon 1.78 Hamburg, PA Berks 1.71 FE Walter Dam, PA Luzerne		<table border="1" style="font-size: small; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">Inches</th> </tr> </thead> <tbody> <tr><td style="width: 15px;">Zero</td><td>Zero</td></tr> <tr><td style="width: 15px;">Light Green</td><td>0.01 to 0.10</td></tr> <tr><td style="width: 15px;">Green</td><td>0.10 to 0.25</td></tr> <tr><td style="width: 15px;">Dark Green</td><td>0.25 to 0.50</td></tr> <tr><td style="width: 15px;">Light Blue</td><td>0.50 to 0.75</td></tr> <tr><td style="width: 15px;">Blue</td><td>0.75 to 1.00</td></tr> <tr><td style="width: 15px;">Cyan</td><td>1.00 to 1.25</td></tr> <tr><td style="width: 15px;">Light Cyan</td><td>1.25 to 1.50</td></tr> <tr><td style="width: 15px;">Teal</td><td>1.50 to 1.75</td></tr> <tr><td style="width: 15px;">Green-Teal</td><td>1.75 to 2.00</td></tr> <tr><td style="width: 15px;">Green</td><td>2.00 to 2.50</td></tr> <tr><td style="width: 15px;">Yellow-Green</td><td>2.50 to 3.00</td></tr> <tr><td style="width: 15px;">Yellow</td><td>3.00 to 4.00</td></tr> <tr><td style="width: 15px;">Orange</td><td>4.00 to 5.00</td></tr> <tr><td style="width: 15px;">Red-Orange</td><td>5.00 to 7.00</td></tr> <tr><td style="width: 15px;">Red</td><td>7.00 to 10.00</td></tr> <tr><td style="width: 15px;">Dark Red</td><td>Above 10</td></tr> </tbody> </table>	Inches		Zero	Zero	Light Green	0.01 to 0.10	Green	0.10 to 0.25	Dark Green	0.25 to 0.50	Light Blue	0.50 to 0.75	Blue	0.75 to 1.00	Cyan	1.00 to 1.25	Light Cyan	1.25 to 1.50	Teal	1.50 to 1.75	Green-Teal	1.75 to 2.00	Green	2.00 to 2.50	Yellow-Green	2.50 to 3.00	Yellow	3.00 to 4.00	Orange	4.00 to 5.00	Red-Orange	5.00 to 7.00	Red	7.00 to 10.00	Dark Red	Above 10
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	 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	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	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)	1	1	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)	0	0	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)	1	1	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