

## April 2 - April 8, 2024 Preliminary Flood Summary

Delaware	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#">Pemberton, New Jersey - (PEBN4)</a>	Flood = 2.5	<b>2.74</b>	<b>875</b>	Flood = 2.5	2.5 (minor)	4.91
North Branch Rancocas Creek - (WFO PHI)	4/3/2024	<b>April 4, 2024</b>		4/6/2024	3.5 (moderate)	2,400
Gage & Town/Burlington County	17:15	<b>14:45 EDT</b>		6:15	4.2 (major)	August 29, 2011
Juniata Basin	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#">Huntingdon, Pennsylvania - (HUJP1)</a>	Flood = 12.0	<b>13.52</b>	<b>26,400</b>	Flood = 12.0	12.0 (minor)	22.50
Juniata River - (WFO CTP)	4/3/2024	<b>April 3, 2024</b>		4/4/2024	13.0 (moderate)	not available
Gage & Town/Huntingdon County	10:00	<b>20:00 EDT</b>		8:30	15.0 (major)	June 1, 1889
<a href="#">Shirleysburg, Pennsylvania - (SLYP1)</a>	Flood = 10.0	<b>12.81</b>	<b>10,300</b>	Flood = 10.0	10.0 (minor)	19.46
Aughwick Creek - (WFO CTP)	4/3/2024	<b>April 3, 2024</b>		4/4/2024	12.0 (moderate)	44,400
Gage & Town/Huntingdon County	7:00	<b>23:00 EDT</b>		12:45	20.0 (major)	January 19, 1996
<a href="#">Spruce Creek, Pennsylvania - (SPKP1)</a>	Flood = 8.0	<b>8.35</b>	<b>6,180</b>	Flood = 8.0	8.0 (minor)	19.10
Little Juniata River - (WFO CTP)	4/2/2024	<b>April 2, 2024</b>		4/2/2024	10.0 (moderate)	39,800
Gage & Town/Huntingdon County	14:45	<b>15:45 EDT</b>		20:45	14.0 (major)	March 18, 1936
<a href="#">Spruce Creek, Pennsylvania - (SPKP1)</a>	Flood = 8.0	<b>10.69</b>	<b>10,000</b>	Flood = 8.0	8.0 (minor)	19.10
Little Juniata River - (WFO CTP)	4/3/2024	<b>April 3, 2024</b>		4/4/2024	10.0 (moderate)	39,800
Gage & Town/Huntingdon County	4:15	<b>11:45 EDT</b>		4:00	14.0 (major)	March 18, 1936
<a href="#">Williamsburg, Pennsylvania - (WIBP1)</a>	Flood = 12.0	<b>15.47</b>	<b>11,900</b>	Flood = 12.0	12.0 (minor)	19.46
Frankstown Branch Juniata River - (WFO CTP)	4/3/2024	<b>April 3, 2024</b>		4/4/2024	13.0 (moderate)	18,000
Gage & Town/Blair County	0:00	<b>18:00 EDT</b>		11:30	15.0 (major)	September 18, 2004
Passaic	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#">Boonton, NJ (below reservoir)</a>	Flood = 5.0	<b>5.90</b>	<b>2,150</b>	Flood = 5.0	5.0 (minor)	9.73
Rockaway River - (WFO PHI) - (BONN4)	4/3/2024	<b>April 4, 2024</b>		4/5/2024	7.0 (moderate)	6,140
Gage & Town/Morris County	22:30	<b>12:15 EDT</b>		15:15	8.0 (major)	August 28, 2011
<a href="#">Little Falls, New Jersey - (LTFN4)</a>	Flood = 7.0	<b>7.62</b>	<b>7,560</b>	Flood = 7.0	7.0 (minor)	17.50
Passaic River - (WFO PHI)	4/4/2024	<b>April 5, 2024</b>		4/7/2024	8.0 (moderate)	31,700
Gage & Town/Passaic County	21:00	<b>23:15 EDT</b>		9:30	9.0 (major)	October 10, 1903
<a href="#">Pine Brook, New Jersey - (PINN4)</a>	Flood = 19.0	<b>19.97</b>	<b>3,210</b>	Flood = 19.0	19.0 (minor)	24.12
Passaic River - (WFO PHI)	4/4/2024	<b>April 5, 2024</b>		4/8/2024	20.0 (moderate)	9,750
Gage & Town/Morris County	4:00	<b>12:00 EDT</b>		18:30	21.0 (major)	August 30, 2011
<a href="#">Singac, New Jersey - (SIGN4)</a>	Flood = 8.5	<b>9.68</b>	<b>7,640</b>	Flood = 8.5	8.5 (minor)	12.44
Passaic River - (WFO PHI)	4/4/2024	<b>April 5, 2024</b>		4/7/2024	10.0 (moderate)	12,600
Gage & Town/Passaic County	14:15	<b>19:15 EDT</b>		23:45	12.0 (major)	December 20, 2023

Potomac	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#">Cumberland, Maryland - (CWCM2)</a>	Flood = 10.0	<b>10.63</b>	<b>9,820</b>	Flood = 10.0	10.0 (minor)	23.11
Wills Creek - (WFO LWX)	4/3/2024	<b>April 3, 2024</b>		4/3/2024	12.0 (moderate)	45,900
Gage & Town/Alleghany County	9:00	<b>13:30 EDT</b>		17:30	14.0 (major)	January 19, 1996
<a href="#">Edwards Ferry, Maryland - (EDFM2)</a>	Flood = 15.0	<b>16.64</b>	<b>M</b>	Flood = 15.0	15.0 (minor)	22.45
Potomac River - (WFO LWX)	4/4/2024	<b>April 4, 2024</b>		4/5/2024	17.0 (moderate)	not available
Gage & Town/Montgomery County	4:45	<b>18:15 EDT</b>		14:00	24.0 (major)	June 5, 2018
<a href="#">Fairview, Maryland - (FAVM2)</a>	Flood = 10.0	<b>10.15</b>	<b>7,170</b>	Flood = 10.0	10.0 (minor)	24.50
Conococheague CK - (WFO LWX)	4/3/2024	<b>April 4, 2024</b>		4/4/2024	12.0 (Moderate)	32,400
Gage & Town/Washington County	22:45	<b>02:45 EDT</b>		13:15	15.0 (major)	June 23, 1972
<a href="#">Frederick, Maryland - (FDKM2)</a>	Flood = 15.0	<b>15.90</b>	<b>17,300</b>	Flood = 15.0	15.0 (minor)	35.90
Monocacy River - (WFO LWX)	4/3/2024	<b>April 4, 2024</b>		4/4/2024	17.0 (moderate)	81,600
Gage & Town/Frederick County	18:15	<b>03:30 EDT</b>		10:15	20.0 (major)	June 23, 1972
<a href="#">Shepherdstown, West Virginia-(SHEW2)</a>	Flood = 15.0	<b>17.98</b>	<b>75,200</b>	Flood = 15.0	15.0 (minor)	42.07
Potomac River - (WFO LWX)	4/3/2024	<b>April 4, 2024</b>		4/5/2024	22.0 (moderate)	335,000
Gage & Town/Jefferson County	23:15	<b>11:30 EDT</b>		10:15	25.0 (major)	March 19, 1936
<a href="#">Wisconsin AVE, Washington, DC</a>	Flood = 6.0	<b>7.19</b>	<b>M</b>	Flood = 6.0	6.0 (minor)	17.72
Potomac River - (WFO LWX) - (GTND2)	4/4/2024	<b>April 4, 2024</b>		4/4/2024	7.0 (moderate)	missing
Gage & Town/District of Columbia	15:06	<b>18:06 EDT</b>		23:00	10.0 (major)	October 17, 1942
<a href="#">Wisconsin AVE, Washington, DC</a>	Flood = 6.0	<b>7.29</b>	<b>M</b>	Flood = 6.0	6.0 (minor)	17.72
Potomac River - (WFO LWX) - (GTND2)	4/5/2024	<b>April 5, 2024</b>		4/5/2024	7.0 (moderate)	missing
Gage & Town/District of Columbia	2:30	<b>05:18 EDT</b>		9:54	10.0 (major)	October 17, 1942
Raritan	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#">Blackwells Mills, New Jersey - (BKWN4)</a>	Flood = 9.0	<b>11.87</b>	<b>6,020</b>	Flood = 9.0	9.0 (minor)	21.24
Millstone River - (WFO PHI)	4/3/2024	<b>April 4, 2024</b>		4/5/2024	10.0 (moderate)	20,700
Gage & Town/Somerset County	19:15	<b>09:30 EDT</b>		9:45	15.0 (major)	August 28, 2011
<a href="#">Bound Brook, New Jersey - (BDKN4)</a>	Flood = 28.0	<b>29.11</b>	<b>20,600</b>	Flood = 28.0	28.0 (minor)	42.13
Raritan River - (WFO PHI)	4/4/2024	<b>April 4, 2024</b>		4/4/2024	30.0 (moderate)	82,900
Gage & Town/Somerset County	0:30	<b>07:15 EDT</b>		16:15	33.0 (major)	September 17, 1999
<a href="#">Manville, New Jersey - (MNVN4)</a>	Flood = 14.0	<b>14.70</b>	<b>12,100</b>	Flood = 14.0	14.0 (minor)	27.66
Raritan River - (WFO PHI)	4/4/2024	<b>April 4, 2024</b>		4/4/2024	17.0 (moderate)	71,800
Gage & Town/Somerset County	0:45	<b>05:45 EDT</b>		12:30	20.0 (major)	September 2, 2021

<b>Southeast PA &amp; Delaware</b>	<b>Above FS (ft)</b>	<b>Crest (ft)</b>	<b>Streamflow (cfs)</b>	<b>Below FS (ft)</b>	<b>Category (ft)</b>	<b>Record (ft) - (cfs)</b>
<b><a href="#">Chadds Ford, Pennsylvania - (CDFP1)</a></b>	Flood = 9.0	<b>10.12</b>	<b>6,490</b>	Flood = 9.0	9.0 (minor)	21.04
Brandywine Creek/Christina Basin - (WFO PHI)	4/3/2024	<b>April 4, 2024</b>		4/4/2024	11.0 (moderate)	49,000
Gage & Town/Delaware County	17:45	<b>02:00 EDT</b>		8:15	13.0 (major)	September 2, 2021
<b><a href="#">Langhorne, Pennsylvania - (LNGP1)</a></b>	Flood = 9.0	<b>9.17</b>	<b>6,990</b>	Flood = 9.0	9.0 (minor)	22.84
Neshaminy Creek - (WFO PHI)	4/3/2024	<b>April 3, 2024</b>		4/4/2024	12.0 (moderate)	49,300
Gage & Town/Bucks County	19:30	<b>22:15 EDT</b>		0:00	14.0 (major)	August 19, 1955
<b><a href="#">Norristown, Pennsylvania - (NRSP1)</a></b>	Flood = 13.0	<b>13.94</b>	<b>36,500</b>	Flood = 13.0	13.0 (minor)	26.85
Schuylkill River - (WFO PHI)	4/3/2024	<b>April 3, 2024</b>		4/4/2024	17.0 (moderate)	119,000
Gage & Town/Montgomery County	15:30	<b>20:30 EDT</b>		15:45	19.0 (major)	September 2, 2021
<b>Susquehanna (Lower Main Stem)</b>	<b>Above FS (ft)</b>	<b>Crest (ft)</b>	<b>Streamflow (cfs)</b>	<b>Below FS (ft)</b>	<b>Category (ft)</b>	<b>Record (ft) - (cfs)</b>
<b><a href="#">Conowingo, Maryland - (CNWM2)</a></b>	Flood = 23.5	<b>23.54</b>	<b>312,000</b>	Flood = 23.5	23.5 (minor)	36.83
Susquehanna River - (WFO LWX)	4/4/2024	<b>April 4, 2024</b>		4/4/2024	24.8 (moderate)	1,130,000
Gage/Harford County - Town/Cecil County	16:25	<b>16:35 EDT</b>		17:50	28.5 (major)	June 24, 1972
<b><a href="#">Harper Tavern, Pennsylvania - (HTVP1)</a></b>	Flood = 9.0	<b>10.46</b>	<b>8,280</b>	Flood = 9.0	9.0 (minor)	25.60
Swatara Creek - (WFO CTP)	4/3/2024	<b>April 4, 2024</b>		4/4/2024	12.0 (moderate)	88,000
Gage & Town/Lebanon County	14:45	<b>02:15 EDT</b>		14:30	15.0 (major)	June 1, 1889
<b><a href="#">Hershey, Pennsylvania - (HERP1)</a></b>	Flood = 7.0	<b>7.36</b>	<b>9,330</b>	Flood = 7.0	7.0 (minor)	27.22
Swatara Creek - (WFO CTP)	4/3/2024	<b>April 4, 2024</b>		4/4/2024	10.0 (moderate)	96,900
Gage & Town/Dauphin County	22:45	<b>10:30 EDT</b>		18:00	14.0 (major)	September 8, 2011
<b><a href="#">Hogestown, Pennsylvania - (HGSP1)</a></b>	Flood = 8.0	<b>9.22</b>	<b>7,550</b>	Flood = 8.0	8.0 (minor)	17.01
Conodoguinet Creek - (WFO CTP)	4/3/2024	<b>April 4, 2024</b>		4/5/2024	10.0 (moderate)	33,700
Gage & Town/Cumberland County	10:15	<b>05:15 EDT</b>		5:00	12.0 (major)	June 23, 1972
<b><a href="#">Middletown, Pennsylvania - (MTLP1)</a></b>	Flood = 11.0	<b>12.57</b>	<b>M</b>	Flood = 11.0	11.0 (minor)	28.45
Swatara Creek - (WFO CTP)	4/4/2024	<b>April 5, 2024</b>		4/6/2024	15.0 (moderate)	not available
Gage & Town/Dauphin County	4:00	<b>02:00 EDT</b>		11:30	18.0 (major)	June 23, 1972
<b><a href="#">Penns Creek, Pennsylvania - (PNCP1)</a></b>	Flood = 8.0	<b>8.45</b>	<b>6,330</b>	Flood = 8.0	8.0 (minor)	14.85
Penns Creek/Basin - (WFO CTP)	4/3/2024	<b>April 3, 2024</b>		4/4/2024	10.0 (moderate)	34,600
Gage/Union County - Town/Snyder County	15:15	<b>23:00 EDT</b>		6:15	12.0 (major)	June 23, 1972
<b><a href="#">Shermans Dale, Pennsylvania - (SMDP1)</a></b>	Flood = 9.0	<b>9.01</b>	<b>6,310</b>	Flood = 9.0	9.0 (minor)	20.34
Sherman Creek - (WFO CTP)	4/3/2024	<b>April 3, 2024</b>		4/3/2024	11.0 (moderate)	44,000
Gage & Town/Perry County	18:00	<b>18:45 EDT</b>		19:00	16.0 (major)	July 22, 1927

Susquehanna Basin (West Branch)	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<a href="#">Allenwood, Pennsylvania - (ALWP1)</a>	Flood = 24.0	<b>24.10</b>	<b>100,000</b>	Flood = 24.0	24.0 (minor)	26.07
West Branch Susquehanna River - (WFO CTP)	4/4/2024	<b>April 4, 2024</b>		4/4/2024	26.0 (moderate)	117,000
Gage & Town/Union County	16:00	<b>18:15 EDT</b>		22:30	30.0 (major)	September 11, 2018
<a href="#">Beech Creek Station, Pennsylvania</a>	Flood = 11.0	<b>12.90</b>	<b>5,570</b>	Flood = 11.0	11.0 (minor)	15.96
Bald Eagle Creek - (WFO CTP) - (BECF1)	4/3/2024	<b>April 3, 2024</b>		4/4/2024	13.0 (moderate)	13,400
Gage & Town/Clinton County	9:45	<b>23:30 EDT</b>		17:15	14.0 (major)	September 18, 2004

#### Crest Statistics

Flooding - 4/2/2024 - 4/8/2024  
 Crests - 4/2/2024 - 4/5/2024  
 First flood of 1 - April, 2024  
 Sixth flood in 2024  
 Number of MARFC Forecast Points Flooding - **32 (incl. 2 multi-crest points: SPKP1; GTND2 [tidal])**  
 Number of Floods Cresting in **Minor** Range - **25**  
 Number of Floods Cresting in **Moderate** Range - **6**  
 Number of Floods Cresting in **Major** Range - **1**  
 Number of Floods Cresting in **Missing** Range - **0**  
**MARFC Power Ranking - 65** (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)  
 Number of MARFC records - **0**  
 E = Estimated

#### Weather Summary

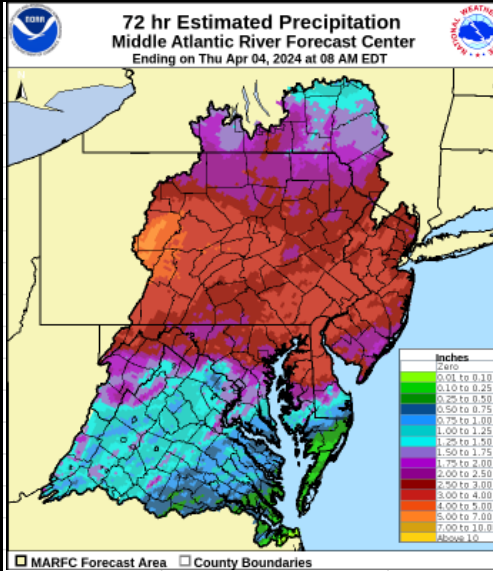
A quasi-stationary boundary bisected the Mid-Atlantic ahead of a powerful low pressure system moving out of the Mississippi Valley. The persistent zonal flow contributed to several rounds of widespread rain over several days. Over the heaviest 72-hour period, total rainfall tallied up to 4-5", heaviest in parts of western Pennsylvania. In addition to severe weather and major flooding in the Ohio River Valley, river flooding occurred in the lower Susquehanna and Potomac basins of the Mid-Atlantic. Following a record wet March in parts of New Jersey, river flooding also returned amid the Passaic and Raritan basins for the sixth time in five months.

**TOP 72-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)**

**4/1/2024 (12 Z) - 4/4/2024 (12 Z)**

**Amount Location State County**

4.98 Grampian, PA Clearfield  
 4.39 Unionville, PA Chester  
 4.36 Tyrone, PA Blair  
 4.24 Oakland, MD Garrett  
 4.22 Ebensburg, PA Cambria  
 4.21 Johnstown, PA Cambria  
 4.18 Stormstown, PA Centre  
 4.15 Gap, PA Lebanon  
 3.99 Schnecksville, PA Lehigh  
 3.92 Somerset, PA Somerset  
 3.90 Philipsburg, PA Centre  
 3.84 Newark, DE New Castle  
 3.82 Modena, PA Chester  
 3.75 Lititz, PA Lebanon  
 3.74 St. Davids, PA Delaware



**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	1	1	0	0	0	0
James	0	0	0	0	0	0
Juniata	5	1	3	1	0	4
Lehigh	0	0	0	0	0	0
Lower Main Stem Susquehanna	7	7	0	0	0	0
North Branch Susquehanna	0	0	0	0	0	0
Passaic	4	4	0	0	0	0
Potomac	7	5	2	0	0	2
Rappahannock	0	0	0	0	0	0
Raritan	3	2	1	0	0	1
SE PA and Delaware (state)	3	3	0	0	0	0
Shenandoah	0	0	0	0	0	0
Upper Main Stem Susquehanna	0	0	0	0	0	0
West Branch Susquehanna	2	2	0	0	0	0

**Floods by NWS Weather Forecast Offices**

<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)	0	0	0	0	0	0
Philadelphia, PA (PHI)	11	10	1	0	0	1
State College, PA (CTP)	13	9	3	1	0	4
Sterling, VA (LWX)	8	6	2	0	0	2
Wakefield, VA (AKQ)	0	0	0	0	0	0

