

Flood Event of 6/21/1972 - 6/27/1972

Appomattox

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Farmville	16.00	6/22/1972	29.70	33,100	Major	Appomattox	Appomattox River	Cumberland	Prince Edward
Matoaca	10.00	6/27/1972	14.60	22,800	Moderate	Appomattox	Appomattox River	Chesterfield	Chesterfield
Mattoax	21.00	6/25/1972	34.08	31,100	Major	Appomattox	Appomattox River	Amelia	Amelia

Brandywine

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chadds Ford	9.00	6/22/1972	16.56	23,800	Major	Christina	Brandywine Creek	Delaware	Delaware
Wilmington	11.00	6/23/1972	15.49	29,000	Major	Christina	Brandywine Creek	New Castle	New Castle

Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Campbell	8.00	6/21/1972	10.86	27,400	Moderate	Chemung	Cohocton River	Steuben	Steuben
Campbell	8.00	6/23/1972	11.16	32,000	Major	Chemung	Cohocton River	Steuben	Steuben
Chemung	16.00	6/23/1972	31.62	189,000	Major	Chemung	Chemung River	Chemung	Chemung
Corning	29.00	6/23/1972	40.71	228,000	Major	Chemung	Chemung River	Steuben	Steuben
Elmira	12.00	6/23/1972	25.20	235,000	Major	Chemung	Chemung River	Chemung	Chemung
Lawrenceville	13.00	6/23/1972	17.26	40,500	Major	Chemung	Cowanesque River	Tioga	Tioga

Lindley	17.00	6/23/1972	26.27	128,000	Major	Chemung	Tioga River	Steuben	Steuben
Mansfield	12.00	6/22/1972	17.98	24,200	Major	Chemung	Tioga River	Tioga	Tioga
West Cameron	17.00	6/23/1972	23.48	43,000	Major	Chemung	Canisteo River	Steuben	Steuben

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bent Creek	16.00	6/21/1972	27.13	176,000	Moderate	James	James River	Nelson	Appomattox
Bremo Bluff	19.00	6/22/1972	44.80	-9,999	Major	James	James River	Fluvanna	Fluvanna
Buchanan	17.00	6/22/1972	30.49	111,000	Major	James	James River	Botetourt	Botetourt
Buena Vista	17.00	6/21/1972	17.10	27,800	Minor	James	Maury River	Rockbridge	Independent City
Cartersville	20.00	6/22/1972	37.87	362,000	Major	James	James River	Goochland	Cumberland
Covington	17.00	6/21/1972	24.36	34,000	Major	James	Jackson River below Dunlap Creek	Covington City	Independent City
Holcomb Rock	22.00	6/22/1972	32.38	126,000	Major	James	James River	Bedford	Bedford
Lick Run	16.00	6/21/1972	27.01	66,200	Major	James	James River	Botetourt	Botetourt
Palmyra	17.00	6/22/1972	37.34	73,400	Major	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	6/23/1972	28.62	313,000	Major	James	James River	Henrico	Independent City
Scottsville	20.00	6/22/1972	34.02	301,000	Major	James	James River	Albemarle	Albermarle

Juniata

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
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Huntingdon	12.00	6/23/1972	20.03	57,000	Major	Juniata	Juniata River	Huntingdon	Huntingdon
Lewistown	23.00	6/23/1972	42.10	-9,999	Major	Juniata	Juniata River	Mifflin	Mifflin
Mapleton Depot	20.00	6/23/1972	33.07	125,000	Major	Juniata	Juniata River	Huntingdon	Huntingdon
Newport	22.00	6/23/1972	33.97	187,000	Major	Juniata	Juniata River	Perry	Perry
Saxton	17.00	6/22/1972	17.74	40,200	Minor	Juniata	Raystown Branch Juniata River	Bedford	Bedford
Spruce Creek	8.00	6/23/1972	16.98	28,600	Major	Juniata	Little Juniata River	Huntingdon	Huntingdon
Williamsburg	12.00	6/23/1972	18.39	16,400	Major	Juniata	Frankstown Branch Juniata River	Blair	Blair

Lehigh

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Allentown	8.00	6/23/1972	11.61	16,200	Moderate	Lehigh	Jordan Creek	Lehigh	Lehigh
Bethlehem	16.00	6/23/1972	20.02	57,900	Moderate	Lehigh	Lehigh River	Lehigh	Northampton
Walnutport	8.00	6/23/1972	11.65	39,000	Minor	Lehigh	Lehigh River	Northampton	Northampton

Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bloomsburg	19.00	6/25/1972	31.20	350,000	Major	Upper Main Stem Susquehanna	Susquehanna River	Columbia	Columbia
Camp Hill	7.00	6/22/1972	18.33	15,900	Major	Yellow Breeches	Yellow Breeches Creek	Cumberland	Cumberland
Conowingo	23.50	6/24/1972	36.83	1,130,000	Major	Lower Main Stem Susquehanna	Susquehanna River	Harford	Cecil
Danville	20.00	6/25/1972	32.16	363,000	Major	Upper Main Stem Susquehanna	Susquehanna River	Montour	Montour

Harper Tavern	9.00	6/23/1972	23.72	66,700	Major	Swatara	Swatara Creek	Lebanon	Lebanon
Harrisburg	17.00	6/24/1972	33.27	1,020,000	Major	Lower Main Stem Susquehanna	Susquehanna River	Dauphin	Dauphin
Hogestown	8.00	6/23/1972	17.01	33,700	Major	Conodoguinet	Conodoguinet Creek	Cumberland	Cumberland
Lancaster	11.00	6/23/1972	27.90	50,300	Major	Conestoga	Conestoga River	Lancaster	Lancaster
Marietta	49.00	6/23/1972	64.54	1,080,000	Major	Lower Main Stem Susquehanna	Susquehanna River	Lancaster	Lancaster
Meshoppen	27.00	6/23/1972	43.51	331,500	Major	Upper Main Stem Susquehanna	Susquehanna River	Wyoming	Wyoming
Middletown (Old Site)	11.00	6/23/1972	28.45	-9,999	Major	Lower Main Stem Susquehanna	Swatara Creek	Dauphin	Dauphin
Monroeton	14.00	6/22/1972	16.90	74,000	Moderate	Upper Main Stem Susquehanna	Towanda Creek	Bradford	Bradford
Penns Creek	8.00	6/23/1972	14.85	34,600	Major	Penns Creek	Penns Creek	Snyder	Snyder
Shermans Dale	9.00	6/23/1972	18.09	27,500	Major	Lower Main Stem Susquehanna	Sherman Creek	Perry	Perry
Sunbury	24.00	6/24/1972	35.80	620,000	Major	Lower Main Stem Susquehanna	Susquehanna River	Snyder	Northumberland
Towanda	16.00	6/24/1972	33.43	320,000	Major	Upper Main Stem Susquehanna	Susquehanna River	Bradford	Bradford
Tunkhannock	11.00	6/23/1972	11.26	15,100	Minor	Upper Main Stem Susquehanna	Tunkhannock Creek	Wyoming	Wyoming
Wilkes-Barre	22.00	6/24/1972	40.91	345,000	Major	Upper Main Stem Susquehanna	Susquehanna River	Luzerne	Luzerne

Neshaminy

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Langhorne	9.00	6/22/1972	9.95	8,600	Minor	Neshaminy	Neshaminy Creek	Bucks	Bucks

North Branch Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cumberland	10.00	6/23/1972	10.06	11,300	Minor	North Branch Potomac	Wills Creek	Allegany	Allegany

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chenango Forks	10.00	6/23/1972	11.19	26,200	Minor	North Branch Susquehanna	Chenango River	Broome	Broome
Cincinnatus	9.00	6/23/1972	9.39	5,530	Minor	North Branch Susquehanna	Otselic River	Cortland	Cortland
Conklin	11.00	6/23/1972	12.89	26,500	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	6/23/1972	10.47	7,730	Moderate	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland
Greene	13.00	6/23/1972	14.50	12,000	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango
Sherburne	8.00	6/22/1972	9.57	7,500	Moderate	North Branch Susquehanna	Chenango River	Chenango	Chenango
Vestal	18.00	6/23/1972	22.35	50,400	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Waverly	11.00	6/23/1972	21.24	121,000	Major	North Branch Susquehanna	North Branch Susquehanna River	Bradford	Tioga

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton above Reservoir (Old Site)	5.00	6/23/1972	5.29	2,090	Minor	Passaic	Rockaway River	Morris	Morris
Chatham	6.00	6/22/1972	6.57	1,520	Minor	Passaic	Passaic River	Morris	Morris
Little Falls	7.00	6/25/1972	9.45	10,300	Major	Passaic	Passaic River	Passaic	Passaic

Macopin Intake Dam	15.00	6/23/1972	15.33	1,800	Minor	Passaic	Pequannock River	Passaic	Passaic
Mahwah	8.00	6/23/1972	8.55	2,630	Minor	Passaic	Ramapo River	Bergen	Bergen
Millington	8.00	6/23/1972	8.02	1,070	Minor	Passaic	Passaic River	Somerset	Morris
Pine Brook	19.00	6/26/1972	20.50	3,500	Moderate	Passaic	Passaic River	Morris	Morris
Pompton Plains	16.00	6/23/1972	18.04	7,240	Moderate	Passaic	Pompton River	Passaic	Morris
Wanaque	5.00	6/23/1972	6.32	2,070	Moderate	Passaic	Wanaque River	Passaic	Passaic

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Dawsonville	7.50	6/22/1972	16.40	26,100	Major	Potomac	Seneca Creek	Montgomery	Montgomery
Fairview	10.00	6/23/1972	24.50	32,400	Major	Potomac	Conococheague Creek	Washington	Washington
Frederick	15.00	6/23/1972	35.90	81,600	Major	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick
Great Cacapon	9.00	6/22/1972	22.17	45,500	Major	Potomac	Cacapon River	Morgan	Morgan
Hancock	30.00	6/23/1972	30.79	112,000	Minor	Potomac	Potomac River	Washington	Washington
Harpers Ferry	18.00	6/23/1972	27.70	-9,999	Major	Potomac	Potomac River	Jefferson	Jefferson
Leesburg	12.00	6/22/1972	30.59	78,100	Major	Potomac	Goose Creek	Loudoun	Loudoun
Little Falls (Washington DC)	10.00	6/24/1972	22.03	359,000	Major	Potomac	Potomac River	Montgomery	Montgomery
Martinsburg	10.00	6/22/1972	17.45	19,000	Major	Potomac	Opequon Creek	Berkeley	Berkeley
Paw Paw	25.00	6/23/1972	28.83	64,500	Moderate	Potomac	Potomac River	Allegany	Morgan

Point of Rocks	16.00	6/23/1972	37.43	347,000	Major	Potomac	Potomac River	Frederick	Frederick
Sharpsburg	8.00	6/23/1972	14.30	9,880	Major	Potomac	Antietam Creek	Washington	Washington
Shepherdstown	15.00	6/23/1972	31.58	187,000	Major	Potomac	Potomac River	Jefferson	Jefferson
Williamsport	23.00	6/23/1972	34.00	-9,999	Major	Potomac	Potomac River	Washington	Washington
Wisconsin Ave, Washington, DC	6.00	6/24/1972	15.45	-9,999	Major	Potomac	Potomac River	Dist. of Columbia	Dist. of Columbia

Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Culpeper	14.00	6/22/1972	29.53	55,600	Major	Rappahannock	Rapidan River	Culpeper	Culpeper
Fredericksburg (Old Site)	18.00	6/22/1972	39.10	-9,999	Major	Rappahannock	Rappahannock River	Spotsylvania	Independent City
Remington	15.00	6/22/1972	24.82	52,900	Moderate	Rappahannock	Rappahannock River	Fauquier	Fauquier

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	6/23/1972	10.40	4,790	Moderate	Raritan	Millstone River	Somerset	Somerset
Bound Brook	28.00	6/23/1972	30.11	26,900	Moderate	Raritan	Raritan River below Calco Dam	Somerset	Somerset
Manville	14.00	6/23/1972	17.89	21,800	Moderate	Raritan	Raritan River	Somerset	Somerset
Raritan	10.00	6/22/1972	10.22	10,400	Minor	Raritan	North Branch Raritan River	Somerset	Somerset
Stanton	8.00	6/22/1972	10.25	7,260	Moderate	Raritan	South Branch Raritan River	Hunterdon	Hunterdon

Schuylkill

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Berne	12.00	6/22/1972	19.00	42,800	Major	Schuylkill	Schuylkill River	Berks	Berks
Graterford	11.00	6/22/1972	17.08	35,800	Major	Schuylkill	Perkiomen Creek	Montgomery	Montgomery
Norristown	17.00	6/23/1972	25.10	-9,999	Major	Schuylkill	Schuylkill River	Montgomery	Montgomery
Philadelphia	11.00	6/23/1972	14.65	103,000	Moderate	Schuylkill	Schuylkill River	Philadelphia	Philadelphia
Pottstown	13.00	6/23/1972	29.97	95,900	Major	Schuylkill	Schuylkill River	Montgomery	Montgomery
Reading	13.00	6/23/1972	31.30	90,000	Major	Schuylkill	Schuylkill River	Berks	Berks

Shenandoah

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Front Royal	12.00	6/22/1972	23.98	75,100	Major	Shenandoah	Shenandoah River	Warren	Warren
Lynnwood	16.00	6/22/1972	23.45	50,700	Major	Shenandoah	Shenandoah River	Rockingham	Rockingham
Millville	13.50	6/23/1972	21.89	103,000	Major	Shenandoah	Shenandoah River	Jefferson	Jefferson
Strasburg	17.00	6/22/1972	20.88	25,100	Moderate	Shenandoah	North Fork Shenandoah River	Warren	Shenandoah
Waynesboro	9.50	6/21/1972	14.25	14,400	Major	Shenandoah	South River	Augusta	Independent City

South Branch Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Springfield	15.00	6/23/1972	17.87	31,500	Minor	South Branch Potomac	South Branch Potomac River	Hampshire	Hampshire

West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Beech Creek Station	11.00	6/23/1972	12.29	19,400	Minor	West Branch Susquehanna	Bald Eagle Creek	Clinton	Clinton
Cedar Run	12.00	6/23/1972	16.00	66,000	Major	West Branch Susquehanna	Pine Creek	Lycoming	Lycoming
Jersey Shore	26.00	6/23/1972	38.20	257,000	Major	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming
Lewisburg	18.00	6/24/1972	34.23	300,000	Major	West Branch Susquehanna	West Branch Susquehanna River	Northumberland	Union
Lock Haven	21.00	6/23/1972	31.10	-9,999	Major	West Branch Susquehanna	West Branch Susquehanna River	Clinton	Clinton
Loyalsockville	12.00	6/23/1972	14.74	47,900	Major	West Branch Susquehanna	Loyalsock Creek	Lycoming	Lycoming
Milton	19.00	6/24/1972	34.55	-9,999	Major	West Branch Susquehanna	West Branch Susquehanna River	Union	Northumberland
Montgomery	20.00	6/23/1972	37.50	-9,999	Major	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming
Muncy	20.00	6/23/1972	37.45	-9,999	Major	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming
Renovo	16.00	6/23/1972	26.56	181,000	Major	West Branch Susquehanna	West Branch Susquehanna River	Clinton	Clinton
Sinnemahoning	17.00	6/23/1972	21.78	60,800	Major	West Branch Susquehanna	Sinnemahoning Creek	Cameron	Cameron
Watsontown	23.00	6/23/1972	37.50	-9,999	Major	West Branch Susquehanna	West Branch Susquehanna River	Northumberland	Northumberland
Williamsport	20.00	6/23/1972	34.75	279,000	Major	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming

Weather Summary

In the three weeks preceding the arrival of Agnes, Pennsylvania as a whole had received 2 to 3 inches of rain, thus greatly increasing the runoff potential of Agnes. By June 19, Agnes became a hurricane. Agnes made initial landfall along the Florida pan handle on June 19. Agnes then proceeded through Georgia, South Carolina and North Carolina before she moved back over the Atlantic off the North Carolina coast on June 21. After regaining strength over the Atlantic, she made landfall again over southeastern New York on June 22 and moved westward in an arc over southern New York into north-central Pennsylvania. She became nearly stationary over Pennsylvania by morning of June 23, but was soon absorbed by a low pressure system that slowly drifted northeastward from Pennsylvania into New York. Rainfall from June 20-25 over the Mid-Atlantic region ranged from 2-3 inches in the extreme upper basins of the Potomac and North Branch Susquehanna Rivers to 18 inches near Shamokin, Pennsylvania, in the Main Stem Susquehanna River Basin. An average of 6-10 inches of rain fell over the Mid-Atlantic region. The most impressive aspect of the 1972 floods was their widespread nature, resulting in extremely rare floods on major rivers and streams. The flood recurrence frequency in many locations exceeded 100 years, most notably on the Susquehanna River downstream of Waverly, New York, and on the Potomac River, downstream from Point of Rocks, Maryland.

Crest Statistics and Flood Information

Third flood of 4 that occurred in Jun, 1972

Eleventh flood of 20 that occurred in 1972

Number of Floods at MARFC Forecast Points - 120

Number of Floods Cresting in Minor Range - 19

Number of Floods Cresting in Moderate Range - 20

Number of Floods Cresting in Major Range - 81

Number of Floods Cresting in Missing Range - 0