

Flood Event of 9/25/1975 - 9/29/1975

Appomattox

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Farmville	16.00	9/26/1975	20.90	11,900	Moderate	Appomattox	Appomattox River	Cumberland	Prince Edward
Mattoax	21.00	9/29/1975	25.66	10,900	Moderate	Appomattox	Appomattox River	Amelia	Amelia

Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Campbell	8.00	9/26/1975	10.33	22,700	Moderate	Chemung	Cohocton River	Steuben	Steuben
Chemung	16.00	9/27/1975	24.10	125,000	Major	Chemung	Chemung River	Chemung	Chemung
Corning	29.00	9/26/1975	32.46	127,000	Moderate	Chemung	Chemung River	Steuben	Steuben
Elmira	12.00	9/26/1975	19.70	-9,999	Major	Chemung	Chemung River	Chemung	Chemung
Lawrenceville	13.00	9/26/1975	18.13	43,700	Major	Chemung	Cowanesque River	Tioga	Tioga
Lindley	17.00	9/26/1975	23.37	80,600	Major	Chemung	Tioga River	Steuben	Steuben
Mansfield	12.00	9/25/1975	20.13	18,000	Major	Chemung	Tioga River	Tioga	Tioga
Tioga Junction	15.00	9/25/1975	22.12	48,000	Major	Chemung	Tioga River	Tioga	Tioga
West Cameron	17.00	9/26/1975	17.55	16,400	Minor	Chemung	Canisteo River	Steuben	Steuben

Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
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Pemberton	2.70	9/26/1975	3.09	1,050	Minor	Delaware	North Branch Rancocas Creek	Burlington	Burlington
Trenton	8.50	9/26/1975	8.80	2,020	Minor	Delaware	Assunpink Creek	Mercer	Mercer

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bremo Bluff	19.00	9/25/1975	22.70	54,200	Minor	James	James River	Fluvanna	Fluvanna
Covington	17.00	9/26/1975	18.13	43,700	Minor	James	Jackson River below Dunlap Creek	Covington City	Independent City
Palmyra	17.00	9/26/1975	23.46	20,300	Minor	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	9/26/1975	16.10	78,300	Moderate	James	James River	Henrico	Independent City

Juniata

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Spruce Creek	8.00	9/26/1975	8.67	5,400	Minor	Juniata	Little Juniata River	Huntingdon	Huntingdon

Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bloomsburg	19.00	9/27/1975	27.50	275,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Columbia	Columbia
Camp Hill	7.00	9/26/1975	18.77	19,300	Major	Yellow Breeches	Yellow Breeches Creek	Cumberland	Cumberland
Conowingo	23.50	9/27/1975	30.92	710,000	Major	Lower Main Stem Susquehanna	Susquehanna River	Harford	Cecil
Danville	20.00	9/28/1975	27.52	257,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Montour	Montour
Harper Tavern	9.00	9/27/1975	17.24	24,700	Major	Swatara	Swatara Creek	Lebanon	Lebanon

Harrisburg	17.00	9/27/1975	23.82	529,000	Major	Lower Main Stem Susquehanna	Susquehanna River	Dauphin	Dauphin
Hershey	7.00	9/27/1975	15.36	29,400	Major	Swatara	Swatara Creek	Dauphin	Dauphin
Hogestown	8.00	9/26/1975	12.56	16,200	Major	Conodoguinet	Conodoguinet Creek	Cumberland	Cumberland
Marietta	49.00	9/27/1975	55.73	545,000	Major	Lower Main Stem Susquehanna	Susquehanna River	Lancaster	Lancaster
Middletown (Old Site)	11.00	9/27/1975	19.47	-9,999	Major	Lower Main Stem Susquehanna	Swatara Creek	Dauphin	Dauphin
Monroeton	14.00	9/26/1975	15.70	50,000	Minor	Upper Main Stem Susquehanna	Towanda Creek	Bradford	Bradford
Penns Creek	8.00	9/26/1975	9.11	8,060	Minor	Penns Creek	Penns Creek	Snyder	Snyder
Shermans Dale	9.00	9/26/1975	11.23	9,190	Moderate	Lower Main Stem Susquehanna	Sherman Creek	Perry	Perry
Sunbury	24.00	9/27/1975	30.62	439,000	Moderate	Lower Main Stem Susquehanna	Susquehanna River	Snyder	Northumberland
Towanda	16.00	9/27/1975	27.47	221,000	Major	Upper Main Stem Susquehanna	Susquehanna River	Bradford	Bradford
Tunkhannock	11.00	9/25/1975	11.68	16,600	Minor	Upper Main Stem Susquehanna	Tunkhannock Creek	Wyoming	Wyoming
Wilkes-Barre	22.00	9/27/1975	35.06	228,000	Major	Upper Main Stem Susquehanna	Susquehanna River	Luzerne	Luzerne

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chenango Forks	10.00	9/26/1975	11.34	26,900	Minor	North Branch Susquehanna	Chenango River	Broome	Broome
Cincinnatus	9.00	9/26/1975	9.04	5,050	Minor	North Branch Susquehanna	Otselic River	Cortland	Cortland
Conklin	11.00	9/26/1975	12.77	25,600	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	9/26/1975	8.88	5,260	Minor	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland

Sherburne	8.00	9/26/1975	8.43	3,660	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango
Vestal	18.00	9/26/1975	23.09	61,500	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Waverly	11.00	9/27/1975	20.16	111,000	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 below Reservoir	5.00	9/25/1975	5.63	1,620	Minor	Passaic	Rockaway River	Morris	Morris
Chatham	6.00	9/27/1975	8.14	2,520	Moderate	Passaic	Passaic River	Morris	Morris
Little Falls	7.00	9/27/1975	8.95	9,640	Moderate	Passaic	Passaic River	Passaic	Passaic
Lodi	5.00	9/27/1975	7.05	2,350	Moderate	Passaic	Saddle River	Bergen	Bergen
Mahwah	8.00	9/27/1975	8.85	2,940	Minor	Passaic	Ramapo River	Bergen	Bergen
Millington	8.00	9/27/1975	8.81	1,580	Minor	Passaic	Passaic River	Somerset	Morris
Pine Brook	19.00	9/27/1975	19.74	2,920	Minor	Passaic	Passaic River	Morris	Morris
Pompton Lakes	11.70	9/27/1975	12.03	3,380	Minor	Passaic	Ramapo River	Passaic	Passaic

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Dawsonville	7.50	9/26/1975	12.67	16,000	Moderate	Potomac	Seneca Creek	Montgomery	Montgomery
Fairview	10.00	9/26/1975	14.79	15,800	Moderate	Potomac	Conococheague Creek	Washington	Washington
Frederick	15.00	9/26/1975	30.80	61,200	Major	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick

Little Falls (Washington DC)	10.00	9/27/1975	13.39	195,000	Moderate	Potomac	Potomac River	Montgomery	Montgomery
Martinsburg	10.00	9/25/1975	14.15	9,460	Moderate	Potomac	Opequon Creek	Berkeley	Berkeley
Point of Rocks	16.00	9/26/1975	24.35	126,000	Moderate	Potomac	Potomac River	Frederick	Frederick
Sharpsburg	8.00	9/26/1975	14.71	10,100	Major	Potomac	Antietam Creek	Washington	Washington
Shepherdstown	15.00	9/27/1975	20.49	87,100	Moderate	Potomac	Potomac River	Jefferson	Jefferson

Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Remington	15.00	9/27/1975	17.20	17,200	Minor	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	9/25/1975	13.54	10,000	Moderate	Raritan	Millstone River	Somerset	Somerset
Bound Brook	28.00	9/25/1975	29.09	23,900	Minor	Raritan	Raritan River below Calco Dam	Somerset	Somerset

West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cedar Run	12.00	9/26/1975	13.41	44,300	Moderate	West Branch Susquehanna	Pine Creek	Lycoming	Lycoming
Jersey Shore	26.00	9/26/1975	27.60	-9,999	Minor	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming
Lewisburg	18.00	9/27/1975	27.62	242,000	Moderate	West Branch Susquehanna	West Branch Susquehanna River	Northumberland	Union
Lock Haven	21.00	9/26/1975	22.92	91,500	Minor	West Branch Susquehanna	West Branch Susquehanna River	Clinton	Clinton

Loyalsockville	12.00	9/26/1975	14.50	46,000	Major	West Branch Susquehanna	Loyalsock Creek	Lycoming	Lycoming
Milton	19.00	9/27/1975	29.50	-9,999	Major	West Branch Susquehanna	West Branch Susquehanna River	Union	Northumberland
Montgomery	20.00	9/26/1975	28.05	-9,999	Major	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming
Muncy	20.00	9/26/1975	28.05	-9,999	Major	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming
Williamsport	20.00	9/26/1975	24.70	169,000	Moderate	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming

Weather Summary

Hurricane Eloise made landfall in the Florida Panhandle as a major hurricane. It quickly weakened over Alabama. The remnants of Eloise combined with a cold front and produced very heavy rainfall in the Mid-Atlantic region. Washington, D.C. reported 9.08" of rainfall. 400 residents in Alexandria, VA were forced to evacuate and 40 residences near Manassas, VA were submerged. Total damage in Virginia was estimated to be \$17.2 million.

Source: Roth, David and Hugh Cobb. "Virginia Hurricane History" <http://www.hpc.ncep.noaa.gov/research/roth/vahur.htm>

Crest Statistics and Flood Information

First flood of 1 that occurred in Sep, 1975

Ninth flood of 10 that occurred in 1975

Number of Floods at MARFC Forecast Points - 70

Number of Floods Cresting in Minor Range - 24

Number of Floods Cresting in Moderate Range - 23

Number of Floods Cresting in Major Range - 23

Number of Floods Cresting in Missing Range - 0