

# Flood Event of 12/4/1950 - 12/10/1950

## Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	12/4/1950	10.45	11,200	Minor	Delaware	Beaver Kill	Delaware	Delaware
Fishs Eddy	13.00	12/4/1950	15.12	26,600	Minor	Delaware	Delaware River	Delaware	Delaware
Walton	9.50	12/4/1950	12.25	12,800	Minor	Delaware	West Branch Delaware River	Delaware	Delaware

## James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bent Creek	16.00	12/8/1950	16.70	60,900	Minor	James	James River	Nelson	Appomattox
Bremo Bluff	19.00	12/9/1950	24.20	63,300	Moderate	James	James River	Fluvanna	Fluvanna
Buchanan	17.00	12/8/1950	18.95	49,800	Minor	James	James River	Botetourt	Botetourt
Holcomb Rock	22.00	12/8/1950	22.83	62,700	Minor	James	James River	Bedford	Bedford
Lick Run	16.00	12/8/1950	20.45	38,300	Minor	James	James River	Botetourt	Botetourt
Lick Run	16.00	12/4/1950	16.23	26,100	Minor	James	James River	Botetourt	Botetourt
Palmyra	17.00	12/5/1950	21.55	17,000	Minor	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	12/10/1950	14.85	61,100	Minor	James	James River	Henrico	Independent City
Richmond	12.00	12/6/1950	13.76	53,200	Minor	James	James River	Henrico	Independent City

## Lehigh

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Walnutport	8.00	12/4/1950	12.66	46,000	Moderate	Lehigh	Lehigh River	Northampton	Northampton

## Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Hale Eddy	11.00	12/4/1950	13.39	19,500	Moderate	Main Stem Delaware	West Branch Delaware River	Delaware	Delaware

## Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Harper Tavern	9.00	12/5/1950	13.34	14,400	Moderate	Swatara	Swatara Creek	Lebanon	Lebanon
Penns Creek	8.00	12/8/1950	8.17	5,920	Minor	Penns Creek	Penns Creek	Snyder	Snyder
Penns Creek	8.00	12/4/1950	8.00	5,640	Minor	Penns Creek	Penns Creek	Snyder	Snyder
Shermans Dale	9.00	12/4/1950	9.48	8,380	Minor	Lower Main Stem Susquehanna	Sherman Creek	Perry	Perry
Tunkhannock	11.00	12/4/1950	13.21	28,000	Minor	Upper Main Stem Susquehanna	Tunkhannock Creek	Wyoming	Wyoming

## North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cincinnatus	9.00	12/4/1950	9.26	4,360	Minor	North Branch Susquehanna	Otselic River	Cortland	Cortland
Conklin	11.00	12/4/1950	16.20	36,100	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	12/4/1950	-9999.00	4,400	Missing	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland

Sherburne	8.00	12/4/1950	8.83	3,810	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango
Vestal	18.00	12/5/1950	20.27	54,500	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Waverly	11.00	12/5/1950	13.61	59,300	Minor	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	12/8/1950	5.06	1,980	Minor	Passaic	Rockaway River	Morris	Morris

### Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Frederick	15.00	12/5/1950	17.30	20,100	Moderate	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick
Great Cacapon	9.00	12/5/1950	14.83	19,600	Minor	Potomac	Cacapon River	Morgan	Morgan
Harpers Ferry	18.00	12/5/1950	18.80	-9,999	Minor	Potomac	Potomac River	Jefferson	Jefferson
Leesburg	12.00	12/4/1950	18.25	18,600	Major	Potomac	Goose Creek	Loudoun	Loudoun
Little Falls (Washington DC)	10.00	12/9/1950	12.48	117,000	Moderate	Potomac	Potomac River	Montgomery	Montgomery
Little Falls (Washington DC)	10.00	12/6/1950	13.85	140,000	Moderate	Potomac	Potomac River	Montgomery	Montgomery
Martinsburg	10.00	12/4/1950	14.12	9,100	Moderate	Potomac	Opequon Creek	Berkeley	Berkeley
Point of Rocks	16.00	12/5/1950	20.75	128,000	Moderate	Potomac	Potomac River	Frederick	Frederick
Point of Rocks	16.00	12/9/1950	18.42	107,000	Minor	Potomac	Potomac River	Frederick	Frederick
Shepherdstown	15.00	12/9/1950	18.00	70,600	Moderate	Potomac	Potomac River	Jefferson	Jefferson

Shepherdstown	15.00	12/5/1950	19.50	80,400	Moderate	Potomac	Potomac River	Jefferson	Jefferson
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### Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Culpeper	14.00	12/5/1950	17.10	14,600	Moderate	Rappahannock	Rapidan River	Culpeper	Culpeper
Fredericksburg (Old Site)	18.00	12/5/1950	18.20	-9,999	Minor	Rappahannock	Rappahannock River	Spotsylvania	Independent City
Remington	15.00	12/5/1950	19.42	27,200	Minor	Rappahannock	Rappahannock River	Fauquier	Fauquier

### Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Manville	14.00	12/8/1950	14.41	13,400	Minor	Raritan	Raritan River	Somerset	Somerset
Stanton	8.00	12/8/1950	8.35	4,400	Minor	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	12/4/1950	14.46	24,200	Moderate	Schuylkill	Schuylkill River	Berks	Berks
Pottstown	13.00	12/5/1950	15.10	31,700	Minor	Schuylkill	Schuylkill River	Montgomery	Montgomery

### Shenandoah

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Front Royal	12.00	12/5/1950	13.64	30,000	Minor	Shenandoah	Shenandoah River	Warren	Warren
Luray	14.00	12/8/1950	15.18	26,900	Minor	Shenandoah	South Fork Shenandoah River	Page	Page

Lynnwood	16.00	12/8/1950	16.88	22,900	Minor	Shenandoah	Shenandoah River	Rockingham	Rockingham
Lynnwood	16.00	12/4/1950	16.20	20,900	Minor	Shenandoah	Shenandoah River	Rockingham	Rockingham
Millville	13.50	12/5/1950	14.72	45,700	Minor	Shenandoah	Shenandoah River	Jefferson	Jefferson

### South Branch Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Moorefield	10.00	12/8/1950	10.04	11,500	Minor	South Branch Potomac	South Fork South Branch Potomac River	Hardy	Hardy
Petersburg	10.00	12/8/1950	10.95	14,800	Minor	South Branch Potomac	South Branch Potomac River	Grant	Grant
Springfield	15.00	12/5/1950	17.02	28,000	Minor	South Branch Potomac	South Branch Potomac River	Hampshire	Hampshire
Springfield	15.00	12/8/1950	17.65	30,400	Minor	South Branch Potomac	South Branch Potomac River	Hampshire	Hampshire

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## Weather Summary

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A north-south oriented band of rain affected the Mid-Atlantic region on 3-4 December 1950. From New York southward into Virginia there was a wide area of over 48 mm (2 inches) of rainfall with some areas receiving over 64 mm. The rainfall combined with melting snow and relatively high flow produced the largest flood event of the year and one of the top 20 floods, based on points over flood stage, in the Mid-Atlantic Region. <http://cms.met.psu.edu/sref/severe/1950/04Dec1950.pdf> - Grumm NWS WFO CTP

Source: Grumm NWS WFO CTP

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## Crest Statistics and Flood Information

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First flood of 1 that occurred in Dec, 1950

Eleventh flood of 11 that occurred in 1950

Number of Floods at MARFC Forecast Points - 53

Number of Floods Cresting in Minor Range - 37

Number of Floods Cresting in Moderate Range - 14

Number of Floods Cresting in Major Range - 1

Number of Floods Cresting in Missing Range - 1