

Flood Event of 4/16/1993 - 4/18/1993

Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Mansfield	12.00	4/16/1993	16.12	11,500	Major	Chemung	Tioga River	Tioga	Tioga

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Palmyra	17.00	4/17/1993	17.11	10,500	Minor	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	4/17/1993	13.24	50,300	Minor	James	James River	Henrico	Independent City

Juniata

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Huntingdon	12.00	4/17/1993	12.11	21,400	Minor	Juniata	Juniata River	Huntingdon	Huntingdon
Spruce Creek	8.00	4/16/1993	14.08	9,470	Major	Juniata	Little Juniata River	Huntingdon	Huntingdon
Williamsburg	12.00	4/16/1993	14.08	9,470	Moderate	Juniata	Frankstown Branch Juniata River	Blair	Blair

Lower Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Penns Creek	8.00	4/17/1993	8.06	5,680	Minor	Susquehanna	Penns Creek	Union	Snyder

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
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Conklin	11.00	4/18/1993	11.02	19,900	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	4/17/1993	8.90	5,050	Minor	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cumberland	10.00	4/16/1993	11.73	15,400	Minor	Potomac	Wills Creek	Allegany	Allegany
Cumberland	17.00	4/16/1993	19.05	25,900	Minor	Potomac	North Branch Potomac River	Allegany	Allegany
Dawsonville	7.50	4/16/1993	8.15	3,350	Minor	Potomac	Seneca Creek	Montgomery	Montgomery
Franklin	7.00	4/16/1993	9.71	11,200	Moderate	Potomac	South Branch Potomac River	Pendleton	Pendleton
Frederick	15.00	4/17/1993	15.32	16,300	Minor	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick
Little Falls (Washington DC)	10.00	4/18/1993	10.55	147,000	Minor	Potomac	Potomac River	Montgomery	Montgomery
Martinsburg	10.00	4/17/1993	11.79	4,810	Minor	Potomac	Opequon Creek	Berkeley	Berkeley
Paw Paw	25.00	4/17/1993	30.62	71,300	Moderate	Potomac	Potomac River	Allegany	Morgan
Petersburg	10.00	4/16/1993	10.28	20,800	Minor	Potomac	South Branch Potomac River	Grant	Grant
Point of Rocks	16.00	4/18/1993	20.17	123,000	Moderate	Potomac	Potomac River	Frederick	Frederick
Shepherdstown	15.00	4/18/1993	20.97	90,500	Moderate	Potomac	Potomac River	Jefferson	Jefferson
Springfield	15.00	4/17/1993	18.26	34,500	Minor	Potomac	South Branch Potomac River	Hampshire	Hampshire
Wisconsin Ave, Washington, DC	6.00	4/18/1993	6.53	-9,999	Minor	Potlomac	Potomac River	Dist. of Columbia	Dist. of Columbia

Upper Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Towanda	16.00	4/17/1993	16.43	100,000	Minor	Main Stem Susquehanna	Susquehanna River	Bradford	Bradford

West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Beech Creek Station	11.00	4/16/1993	12.76	6,420	Minor	West Branch Susquehanna	Bald Eagle Creek	Clinton	Clinton

Weather Summary

Ahead of a cold front that crossed Pennsylvania, heavy thunderstorms produced large amounts of rainfall in an already flooding region. One to two inches were noted in the local storms but they fell in such a short amount of time that it prompted flooding issues. Storm totals of anywhere between 2 to 4 inches fell across the Potomac River Basin. Flooding predominantly occurred in basements of homes in low lying areas as well as with overflowing creeks and streams. The cold front also produced severe thunderstorms in Maryland and the Virginia states that had both hail and tornadoes along with heavy rainfall. Overflowing streams and creeks carried debris which was later dispersed across farmlands in West Virginia.

Crest Statistics and Flood Information

Second flood of 4 that occurred in Apr, 1993

Sixth flood of 11 that occurred in 1993

Number of Floods at MARFC Forecast Points - 24

Number of Floods Cresting in Minor Range - 17

Number of Floods Cresting in Moderate Range - 5

Number of Floods Cresting in Major Range - 2

Number of Floods Cresting in Missing Range - 0