

# Flood Event of 4/16/1987 - 4/19/1987

## Appomattox

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Farmville	16.00	4/18/1987	18.23	7,790	Minor	Appomattox	Appomattox River	Cumberland	Prince Edward
Matoaca	10.00	4/18/1987	12.04	14,300	Minor	Appomattox	Appomattox River	Chesterfield	Chesterfield
Mattoax	21.00	4/19/1987	25.96	11,300	Moderate	Appomattox	Appomattox River	Amelia	Amelia

## James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bent Creek	16.00	4/17/1987	21.73	115,000	Minor	James	James River	Nelson	Appomattox
Bremo Bluff	19.00	4/17/1987	33.30	124,900	Moderate	James	James River	Fluvanna	Fluvanna
Buchanan	17.00	4/16/1987	24.81	76,100	Moderate	James	James River	Botetourt	Botetourt
Cartersville	20.00	4/18/1987	27.96	142,000	Major	James	James River	Goochland	Cumberland
Holcomb Rock	22.00	4/17/1987	28.36	97,900	Major	James	James River	Bedford	Bedford
Lick Run	16.00	4/16/1987	20.23	38,000	Minor	James	James River	Botetourt	Botetourt
Palmyra	17.00	4/17/1987	25.59	28,700	Moderate	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	4/18/1987	21.91	163,000	Moderate	James	James River	Henrico	Independent City
Scottsville	20.00	4/17/1987	26.17	133,000	Major	James	James River	Albemarle	Albermarle

## Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Great Cacapon	9.00	4/17/1987	14.44	18,000	Minor	Potomac	Cacapon River	Morgan	Morgan
Little Falls (Washington DC)	10.00	4/19/1987	11.41	167,000	Minor	Potomac	Potomac River	Montgomery	Montgomery
Martinsburg	10.00	4/17/1987	12.05	5,250	Minor	Potomac	Opequon Creek	Berkeley	Berkeley
Paw Paw	25.00	4/17/1987	25.93	53,000	Minor	Potomac	Potomac River	Allegany	Morgan
Point of Rocks	16.00	4/18/1987	23.49	153,000	Moderate	Potomac	Potomac River	Frederick	Frederick
Shepherdstown	15.00	4/18/1987	20.44	86,900	Moderate	Potomac	Potomac River	Jefferson	Jefferson

## Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Culpeper	14.00	4/17/1987	15.97	12,600	Minor	Rappahannock	Rapidan River	Culpeper	Culpeper
Remington	15.00	4/17/1987	15.53	12,300	Minor	Rappahannock	Rappahannock River	Fauquier	Fauquier

## Shenandoah

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Front Royal	12.00	4/18/1987	18.51	49,400	Major	Shenandoah	Shenandoah River	Warren	Warren
Luray	14.00	4/17/1987	18.50	47,000	Minor	Shenandoah	South Fork Shenandoah River	Page	Page
Lynnwood	16.00	4/17/1987	19.29	33,900	Moderate	Shenandoah	Shenandoah River	Rockingham	Rockingham
Millville	13.50	4/18/1987	17.44	64,500	Major	Shenandoah	Shenandoah River	Jefferson	Jefferson

Strasburg	17.00	4/17/1987	18.27	19,800	Minor	Shenandoah	North Fork Shenandoah River	Warren	Shenandoah
Waynesboro	9.50	4/17/1987	9.58	5,110	Minor	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	4/17/1987	19.18	39,300	Moderate	South Branch Potomac	South Branch Potomac River	Hampshire	Hampshire

### Weather Summary

A strong mid-latitude cyclone that originated over Texas moved northeastward into the Mid-Atlantic on the 15th. The low occluded on the 15th, and a secondary low formed at the triple point over the Southeast. The secondary low absorbed the original low and the system continued to move northeastward. The persistent heavy rain showers associated with this complex system dumped several inches of rain over Virginia and Maryland. When added to regions of already soil, these high rainfall totals created major flooding conditions in several locations.

### Crest Statistics and Flood Information

Third flood of 4 that occurred in Apr, 1987  
 Fourth flood of 13 that occurred in 1987  
 Number of Floods at MARFC Forecast Points - 27

Number of Floods Cresting in Minor Range - 13  
 Number of Floods Cresting in Moderate Range - 9  
 Number of Floods Cresting in Major Range - 5  
 Number of Floods Cresting in Missing Range - 0