

# Flood Event of 9/6/1996 - 9/12/1996

## Appomattox

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Farmville	16.00	9/7/1996	24.02	17,900	Moderate	Appomattox	Appomattox River	Cumberland	Prince Edward
Matoaca	10.00	9/12/1996	11.17	12,300	Minor	Appomattox	Appomattox River	Chesterfield	Chesterfield
Mattoax	21.00	9/10/1996	27.49	13,800	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	9/7/1996	19.28	91,500	Minor	James	James River	Nelson	Appomattox
Bremo Bluff	19.00	9/7/1996	36.60	-9,999	Major	James	James River	Fluvanna	Fluvanna
Buena Vista	17.00	9/7/1996	18.90	35,300	Minor	James	Maury River	Rockbridge	Independent City
Cartersville	20.00	9/7/1996	28.96	158,000	Major	James	James River	Goochland	Cumberland
Holcomb Rock	22.00	9/7/1996	22.61	61,800	Minor	James	James River	Bedford	Bedford
Palmyra	17.00	9/7/1996	31.54	50,900	Moderate	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	9/8/1996	21.23	152,000	Moderate	James	James River	Henrico	Independent City
Scottsville	20.00	9/7/1996	28.25	167,000	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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Spruce Creek	8.00	9/7/1996	9.68	9,020	Minor	Juniata	Little Juniata River	Huntingdon	Huntingdon
Williamsburg	12.00	9/7/1996	12.82	7,840	Minor	Juniata	Frankstown Branch Juniata River	Blair	Blair

### Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Camp Hill	7.00	9/7/1996	7.87	2,780	Minor	Yellow Breeches	Yellow Breeches Creek	Cumberland	Cumberland
Hogestown	8.00	9/8/1996	10.32	10,200	Moderate	Conodoguinet	Conodoguinet Creek	Cumberland	Cumberland
Shermans Dale	9.00	9/7/1996	14.56	16,700	Moderate	Lower Main Stem Susquehanna	Sherman Creek	Perry	Perry

### North Branch Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cumberland	17.00	9/7/1996	22.55	-9,999	Moderate	North Branch Potomac	North Branch Potomac River	Allegany	Allegany
Cumberland	10.00	9/6/1996	11.54	14,900	Minor	North Branch Potomac	Wills Creek	Allegany	Allegany
Kitzmilller	9.00	9/6/1996	13.40	-9,999	Major	North Branch Potomac	Potomac River	Garret	Garret

### Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Frederick	15.00	9/7/1996	17.74	21,600	Moderate	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick
Hancock	30.00	9/8/1996	35.81	148,000	Major	Potomac	Potomac River	Washington	Washington
Harpers Ferry	18.00	9/8/1996	29.80	-9,999	Major	Potomac	Potomac River	Jefferson	Jefferson
Little Falls (Washington DC)	10.00	9/8/1996	17.84	314,000	Major	Potomac	Potomac River	Montgomery	Montgomery

Martinsburg	10.00	9/7/1996	15.06	11,700	Major	Potomac	Opequon Creek	Berkeley	Berkeley
Paw Paw	25.00	9/7/1996	43.45	140,000	Major	Potomac	Potomac River	Allegany	Morgan
Point of Rocks	16.00	9/8/1996	36.26	309,000	Major	Potomac	Potomac River	Frederick	Frederick
Shepherdstown	15.00	9/8/1996	29.00	-9,999	Major	Potomac	Potomac River	Jefferson	Jefferson
Williamsport	23.00	9/8/1996	31.10	-9,999	Major	Potomac	Potomac River	Washington	Washington
Wisconsin Ave, Washington, DC	6.00	9/9/1996	13.75	-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	9/7/1996	27.49	47,800	Major	Rappahannock	Rapidan River	Culpeper	Culpeper
Fredericksburg (Old Site)	18.00	9/8/1996	26.90	-9,999	Moderate	Rappahannock	Rappahannock River	Spotsylvania	Independent City
Remington	15.00	9/7/1996	24.04	35,300	Moderate	Rappahannock	Rappahannock River	Fauquier	Fauquier

### Shenandoah

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cootes Store	15.00	9/6/1996	27.86	63,400	Major	Shenandoah	Shenandoah River	Rockingham	Rockingham
Front Royal	12.00	9/7/1996	32.57	121,000	Major	Shenandoah	Shenandoah River	Warren	Warren
Luray	14.00	9/7/1996	26.95	112,000	Major	Shenandoah	South Fork Shenandoah River	Page	Page
Lynnwood	16.00	9/7/1996	30.84	107,000	Major	Shenandoah	Shenandoah River	Rockingham	Rockingham
Millville	13.50	9/8/1996	26.84	156,000	Major	Shenandoah	Shenandoah River	Jefferson	Jefferson

Strasburg	17.00	9/7/1996	32.27	114,000	Major	Shenandoah	North Fork Shenandoah River	Warren	Shenandoah
Waynesboro	9.50	9/6/1996	13.46	12,300	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
Franklin	7.00	9/6/1996	19.16	34,000	Major	South Branch Potomac	South Branch Potomac River	Pendleton	Pendleton
Moorefield	10.00	9/7/1996	12.27	19,700	Moderate	South Branch Potomac	South Fork South Branch Potomac River	Hardy	Hardy
Petersburg	10.00	9/6/1996	22.20	113,000	Major	South Branch Potomac	South Branch Potomac River	Grant	Grant
Springfield	15.00	9/7/1996	34.98	147,000	Major	South Branch Potomac	South Branch Potomac River	Hampshire	Hampshire

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## Weather Summary

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Hurricane Fran struck the North Carolina coast very close to Cape Fear during the evening of the 5th with sustained winds of 115 mph and pressure estimated of 954mb. Fran quickly weakened, dropping to tropical storm strength while passing over central North Carolina and into a tropical depression while over Virginia. Rain up to 16 inches fell in the western part of Virginia, making Fran the fourth wettest known tropical cyclone to impact Virginia and causing major flash flooding. The floods shut down many of the primary and secondary roads and closed Shenandoah National Park. The Shenandoah River crested 20 feet above flood stage and Western Maryland was hard hit, but most of the flooding was flash flooding. Fran was the worst flood event to hit Maryland since Hurricane Hazel and the January flood of 1996. Up to 7 inches fell along the Juniata River Basin in Pennsylvania.

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## Crest Statistics and Flood Information

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First flood of 2 that occurred in Sep, 1996

Sixteenth flood of 22 that occurred in 1996

Number of Floods at MARFC Forecast Points - 43

Number of Floods Cresting in Minor Range - 8

Number of Floods Cresting in Moderate Range - 11

Number of Floods Cresting in Major Range - 24

Number of Floods Cresting in Missing Range - 0