

Monocacy River at Jug Bridge near Frederick, Maryland

Latitude:	Longitude:	Gauge Elevation:	Drainage Area:	County of Gage:	County of Town:	Weather Office:
39°24'10.2" or 39.402778° N	77°21'57.9" or 77.366111° W	231.21 feet	817 mi ²	Frederick, MD	Frederick, MD	Sterling
Major Basin:	Sub Basin:	Minor Sub Basin:		Minor:	Moderate:	Major:
Potomac	Potomac	Potomac		15.00	17.00	20.00

Period of Record (used in flood frequency)

Outside Period of Record (not used in flood frequency)

10/1/1929 to

6/1/1889 to 9/30/1929

Feet	Flood Impacts
30.00	Water reaches the second floor of Gambrill Mill on the Monocacy National Battlefield.
24.00	Water approaches Urbana Pike near Monocacy National Battlefield.
21.00	Maryland Route 26 is flooded near the Monocacy River bridge.
20.00	Water reaches Gambrill Mill on the Monocacy National Battlefield.
17.00	Significant lowland flooding is occurring along the river, with backwater flooding also occurring. Numerous roads are closed. Water is approaching the parking lot at Gambrill Mill on the Monocacy National Battlefield. Backwater flooding from Carroll Creek is likely approaching the underside of the bridge leading to the Frederick city wastewater treatment plant.
16.00	Much of Pinecliff Park and Rivermist Park in Frederick are flooded. Buckeystown Community Park is also flooded with water approaching the parking lot. Waters are also approaching the Frederick city wastewater treatment plant and the Ballenger Creek wastewater treatment plant. Significant backwater flooding is occurring. Several roads will be closed along the river and adjoining creeks.
15.00	Both banks of the river are flooded. Water begins to flood low-lying fields at Monocacy National Battlefield. Water reaches the access road of the Frederick city wastewater treatment plant. Backwater flooding is occurring on several area creeks, particularly Carroll Creek in Frederick.
14.00	Two low-water crossings, one on Michaels Mill Road /State Route 880/ in Buckeystown, and one on Retreat Road north of Frederick, begin to flood.
13.00	Water covers portions of Pinecliff Park in southeast Frederick. Water also approaches Rivermist Park in northeast Frederick.
10.00	The east side of the Monocacy River, or left bank, begins to flood east of Frederick. Although no structures are affected, water approaches an access road at Pinecliff Park.
5.00	After rain events, the river may become hazardous for recreational purposes when stages are over 5 feet.

Gauge Stage Changes

Start and End Date	Minor	Moderate	Major
Not available	Not available	Not available	Not available