

Flood Event of 12/24/1970 - 12/24/1970

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Shepherdstown	15.00	12/24/1970	15.68	57,000	Minor	Potomac	Potomac River	Jefferson	Jefferson

Weather Summary

A stationary front was stalled out to the south of West Virginia on December 21, 1970. This brought rain to the area for the next few days. On the 22nd it had turned into a warm front bringing rain and snow to West Virginia within the area there was already an inch of snow on the ground and .63 inches of more precipitation fell that day. By December 23rd it had turned back into a stationary front and brought more rainfall the whole way into the 24th. Below are the breakdowns in precipitation for each day leading up the river flooding for areas around the Sheperdstown, WV. Provided by Christy Shields – The Pennsylvania State University

Kearneysville, WV

12/22/1970 .63"

12/23/1970 .58"

12/24/1970 .34"

Harpers Ferry, WV

12/22/1970 .70"

12/23/1970 .16"

12/24/1970 .10"

Martinsburg, WV

12/22/1970 .72"

Source: Christy Shields – The Pennsylvania State University

Crest Statistics and Flood Information

Second flood of 2 that occurred in Dec, 1970

Eleventh flood of 11 that occurred in 1970

Number of Floods at MARFC Forecast Points - 1

Number of Floods Cresting in Minor Range - 1

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0