

Flood Event of 2/14/1972 - 2/14/1972

Appomattox

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|-----------|-------------|-----------|-------|-------|----------|------------|------------------|----------------|--------------------------|
| Farmville | 16.00 | 2/14/1972 | 16.09 | 4,240 | Minor | Appomattox | Appomattox River | Cumberland | Prince Edward |

James

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|----------|-------------|-----------|-------|--------|----------|-------|---------------|----------------|--------------------------|
| Palmyra | 17.00 | 2/14/1972 | 18.76 | 12,900 | Minor | James | Rivanna River | Fluvanna | Fluvanna |
| Richmond | 12.00 | 2/14/1972 | 13.88 | 56,100 | Minor | James | James River | Henrico | Independent City |

Potomac

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|-------------|-------------|-----------|-------|-------|----------|---------|---------------|----------------|--------------------------|
| Martinsburg | 10.00 | 2/14/1972 | 10.92 | 3,520 | Minor | Potomac | Opequon Creek | Berkeley | Berkeley |

Rappahannock

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|-----------|-------------|-----------|-------|--------|----------|--------------|--------------------|----------------|--------------------------|
| Remington | 15.00 | 2/14/1972 | 15.16 | 11,400 | Minor | Rappahannock | Rappahannock River | Fauquier | Fauquier |

Weather Summary

A strong low pressure system moved from the Tennessee Valley to the Virginia area. This system produced over 1.1 inches of rain, and caused the James, Appomattox and Rappahannock River basins to have a level above flood stage. Rivanna River: Palmyra, VA - Station: PALV2: 1.64" Appomattox River: Farmville, VA - Station: FARV2: 1.36" Rappahannock River: Remington, VA - Station: RENV2: missing James River: Richmond, VA - Station: RIC: 1.13" Opequon Creek: Martinsburg, WV - Station: MRB: 1.73" Provided by Kathy Villanueva – The Pennsylvania State University / We do not know if snow melt contributed to flooding at this time. More research needs to be done. A few rainfall reports were found but day, time and duration are unknown. (MARFC)

Source: Provided by Kathy Villanueva – The Pennsylvania State University

Crest Statistics and Flood Information

First flood of 2 that occurred in Feb, 1972

First flood of 20 that occurred in 1972

Number of Floods at MARFC Forecast Points - 5

Number of Floods Cresting in Minor Range - 5

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0