

Flood Event of 5/17/1989 - 5/19/1989

Lower Main Stem Susquehanna

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|-----------------------|-------------|-----------|-------|--------|----------|-----------------------|---------------|----------------|--------------------------|
| Harper Tavern | 9.00 | 5/17/1989 | 11.68 | 10,800 | Minor | Swatara | Swatara Creek | Lebanon | Lebanon |
| Hershey | 7.00 | 5/17/1989 | 8.33 | 11,300 | Minor | Swatara | Swatara Creek | Dauphin | Dauphin |
| Middletown (Old Site) | 11.00 | 5/17/1989 | 12.00 | -9,999 | Minor | Main Stem Susquehanna | Swatara Creek | Dauphin | Dauphin |

Passaic

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|------------------------------------|-------------|-----------|-------|--------|----------|---------|------------------|----------------|--------------------------|
| Boonton above Reservoir (Old Site) | 5.00 | 5/17/1989 | 5.59 | 2,350 | Minor | Passaic | Rockaway River | Morris | Morris |
| Boonton below Reservoir | 5.00 | 5/17/1989 | 6.61 | 2,790 | Minor | Passaic | Rockaway River | Morris | Morris |
| Little Falls | 7.00 | 5/19/1989 | 9.44 | 10,700 | Major | Passaic | Passaic River | Passaic | Passaic |
| Lodi | 5.00 | 5/17/1989 | 7.08 | 2,380 | Moderate | Passaic | Saddle River | Bergen | Bergen |
| Macopin Intake Dam | 15.00 | 5/17/1989 | 15.25 | 1,710 | Minor | Passaic | Pequannock River | Passaic | Passaic |
| Mahwah | 8.00 | 5/17/1989 | 9.36 | 5,230 | Moderate | Passaic | Ramapo River | Bergen | Bergen |
| Pine Brook | 19.00 | 5/18/1989 | 20.50 | 5,100 | Moderate | Passaic | Passaic River | Morris | Morris |
| Pompton Lakes | 11.70 | 5/17/1989 | 12.77 | 5,510 | Missing | Passaic | Ramapo River | Passaic | Passaic |
| Pompton Plains | 16.00 | 5/17/1989 | 18.89 | 12,500 | Moderate | Passaic | Pompton River | Passaic | Morris |
| Wanaque | 5.00 | 5/17/1989 | 6.69 | 2,160 | Moderate | Passaic | Wanaque River | Passaic | Passaic |

Potomac

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|---------------|-------------|-----------|-------|--------|----------|---------|---------------------|----------------|--------------------------|
| Fairview | 10.00 | 5/17/1989 | 10.16 | 7,730 | Minor | Potomac | Conococheague Creek | Washington | Washington |
| Great Cacapon | 9.00 | 5/17/1989 | 9.37 | 7,600 | Minor | Potomac | Cacapon River | Morgan | Morgan |
| Shepherdstown | 15.00 | 5/17/1989 | 16.20 | 60,100 | Minor | Potomac | Potomac River | Jefferson | Jefferson |

West Branch Susquehanna

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|---------------------|-------------|-----------|-------|-------|----------|-------------------------|------------------|----------------|--------------------------|
| Beech Creek Station | 11.00 | 5/17/1989 | 11.20 | 4,690 | Minor | West Branch Susquehanna | Bald Eagle Creek | Clinton | Clinton |

Weather Summary

An occluding coastal low pressure system dumped heavy rain across New Jersey and Eastern Pennsylvania for several days in mid-May. Over two inches fell from the 15th to the 19th in much of New Jersey and eastern Pennsylvania, an area that was already saturated from a previous system. The heavy rains over the already soaked area caused minor to major flooding across many of the regions rivers and streams.

Crest Statistics and Flood Information

Fourth flood of 5 that occurred in May, 1989

Fifth flood of 15 that occurred in 1989

Number of Floods at MARFC Forecast Points - 17

Number of Floods Cresting in Minor Range - 10

Number of Floods Cresting in Moderate Range - 5

Number of Floods Cresting in Major Range - 1

Number of Floods Cresting in Missing Range - 1