

Flood Event of 5/22/1942 - 5/24/1942

Delaware

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|------------|-------------|-----------|-------|--------|----------|------------|----------------------------|----------------|--------------------------|
| Fishs Eddy | 13.00 | 5/23/1942 | 17.18 | 34,900 | Moderate | Delaware | Delaware River | Delaware | Delaware |
| Harvard | 10.00 | 5/23/1942 | 14.62 | 21,600 | Moderate | Delaware | East Branch Delaware River | Delaware | Delaware |
| Hawley | 11.00 | 5/23/1942 | 20.10 | 50,000 | Major | Lackawaxen | Lackawaxen River | Wayne | Wayne |

James

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|--------------|-------------|-----------|-------|--------|----------|-------|-------------|----------------|--------------------------|
| Bent Creek | 16.00 | 5/23/1942 | 18.34 | 70,400 | Minor | James | James River | Nelson | Appomattox |
| Buchanan | 17.00 | 5/22/1942 | 18.40 | 47,400 | Minor | James | James River | Botetourt | Botetourt |
| Cartersville | 20.00 | 5/24/1942 | 20.80 | 75,000 | Minor | James | James River | Goochland | Cumberland |
| Holcomb Rock | 22.00 | 5/22/1942 | 24.62 | 68,700 | Moderate | James | James River | Bedford | Bedford |
| Lick Run | 16.00 | 5/22/1942 | 18.12 | 32,300 | Minor | James | James River | Botetourt | Botetourt |
| Richmond | 12.00 | 5/24/1942 | 15.74 | 68,600 | Moderate | James | James River | Henrico | Independent City |
| Scottsville | 20.00 | 5/23/1942 | 21.44 | 80,600 | Minor | James | James River | Albemarle | Albermarle |

Lehigh

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|-----------|-------------|-----------|-------|--------|----------|--------|--------------|----------------|--------------------------|
| Bethlehem | 16.00 | 5/23/1942 | 25.90 | 92,000 | Major | Lehigh | Lehigh River | Lehigh | Northampton |

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|------------|-------|-----------|-------|--------|----------|--------|--------------|-------------|-------------|
| Lehighton | 10.00 | 5/23/1942 | 12.07 | -9,999 | Moderate | Lehigh | Lehigh River | Carbon | Carbon |
| Walnutport | 8.00 | 5/23/1942 | 20.60 | -9,999 | Major | Lehigh | Lehigh River | Northampton | Northampton |

Main Stem Delaware

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|-----------------------------|-------------|-----------|-------|---------|----------|--------------------|----------------------------|----------------|--------------------------|
| Barryville | 17.00 | 5/23/1942 | 23.19 | 105,000 | Moderate | Main Stem Delaware | Delaware River | Sullivan | Sullivan |
| Frenchtown | 16.00 | 5/24/1942 | 18.60 | -9,999 | Moderate | Main Stem Delaware | Delaware River | Hunterdon | Hunterdon |
| Hale Eddy | 11.00 | 5/23/1942 | 14.52 | 21,900 | Moderate | Main Stem Delaware | West Branch Delaware River | Delaware | Delaware |
| Montague | 25.00 | 5/23/1942 | 25.70 | 136,500 | Minor | Main Stem Delaware | Delaware River | Pike | Sussex |
| New Hope (Lambertville, NJ) | 13.00 | 5/24/1942 | 14.12 | -9,999 | Minor | Main Stem Delaware | Delaware River | Hunterdon | Bucks |
| Riegelsville | 22.00 | 5/24/1942 | 27.50 | 164,000 | Moderate | Main Stem Delaware | Delaware River | Warren | Bucks |
| Stockton | 18.00 | 5/24/1942 | 20.84 | -9,999 | Moderate | Main Stem Delaware | Delaware River | Hunterdon | Hunterdon |
| Trenton | 20.00 | 5/24/1942 | 21.12 | 161,200 | Minor | Main Stem Delaware | Delaware River | Mercer | Mercer |

Main Stem Susquehanna

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|---------------|-------------|-----------|-------|---------|----------|-----------------------------|--------------------|----------------|--------------------------|
| Harper Tavern | 9.00 | 5/23/1942 | 12.88 | 14,000 | Moderate | Swatara | Swatara Creek | Lebanon | Lebanon |
| Hogestown | 8.00 | 5/23/1942 | 9.39 | 8,910 | Minor | Conodoguinet | Conodoguinet Creek | Cumberland | Cumberland |
| Lancaster | 11.00 | 5/23/1942 | 15.12 | 17,300 | Major | Conestoga | Conestoga River | Lancaster | Lancaster |
| Marietta | 49.00 | 5/24/1942 | 49.63 | 307,000 | Minor | Lower Main Stem Susquehanna | Susquehanna River | Lancaster | Lancaster |

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|---------------|-------|-----------|-------|--------|----------|-----------------------------|-------------------|------------|------------|
| Monroeton | 14.00 | 5/23/1942 | 14.10 | 8,860 | Minor | Upper Main Stem Susquehanna | Towanda Creek | Bradford | Bradford |
| Old Forge | 11.00 | 5/23/1942 | 15.30 | 20,900 | Moderate | Lackawanna | Lackawaxen River | Lackawanna | Lackawanna |
| Penns Creek | 8.00 | 5/23/1942 | 10.14 | 8,710 | Moderate | Penns Creek | Penns Creek | Snyder | Snyder |
| Shermans Dale | 9.00 | 5/22/1942 | 11.14 | 11,800 | Moderate | Lower Main Stem Susquehanna | Sherman Creek | Perry | Perry |
| Tunkhannock | 11.00 | 5/23/1942 | 12.45 | 24,000 | Minor | Upper Main Stem Susquehanna | Tunkhannock Creek | Wyoming | Wyoming |

North Branch Susquehanna

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|---------|-------------|-----------|-------|--------|----------|--------------------------|--------------------------------|----------------|--------------------------|
| Conklin | 11.00 | 5/23/1942 | 13.72 | 25,500 | Minor | North Branch Susquehanna | North Branch Susquehanna River | Broome | Broome |

Potomac

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|------------------------------|-------------|-----------|-------|---------|----------|---------|------------------------------|----------------|--------------------------|
| Frederick | 15.00 | 5/22/1942 | 17.40 | 18,100 | Moderate | Potomac | Monocacy River at Jug Bridge | Frederick | Frederick |
| Great Cacapon | 9.00 | 5/23/1942 | 12.27 | 13,300 | Minor | Potomac | Cacapon River | Morgan | Morgan |
| Harpers Ferry | 18.00 | 5/24/1942 | 18.60 | -9,999 | Minor | Potomac | Potomac River | Jefferson | Jefferson |
| Little Falls (Washington DC) | 10.00 | 5/24/1942 | 13.17 | 139,000 | Moderate | Potomac | Potomac River | Montgomery | Montgomery |
| Paw Paw | 25.00 | 5/23/1942 | 26.98 | 58,500 | Minor | Potomac | Potomac River | Allegany | Morgan |
| Point of Rocks | 16.00 | 5/24/1942 | 21.13 | 125,000 | Moderate | Potomac | Potomac River | Frederick | Frederick |
| Shepherdstown | 15.00 | 5/24/1942 | 18.97 | 77,100 | Moderate | Potomac | Potomac River | Jefferson | Jefferson |

Schuylkill

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|--------------|-------------|-----------|-------|--------|----------|------------|------------------|----------------|--------------------------|
| Berne | 12.00 | 5/23/1942 | 15.00 | 26,900 | Moderate | Schuylkill | Schuylkill River | Berks | Berks |
| Philadelphia | 11.00 | 5/24/1942 | 12.44 | 61,400 | Minor | Schuylkill | Schuylkill River | Philadelphia | Philadelphia |
| Pottstown | 13.00 | 5/23/1942 | 20.15 | 50,800 | Moderate | Schuylkill | Schuylkill River | Montgomery | Montgomery |

Shenandoah

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|--------------|-------------|-----------|-------|--------|----------|------------|-----------------------------|----------------|--------------------------|
| Cootes Store | 15.00 | 5/22/1942 | 16.93 | 18,300 | Minor | Shenandoah | Shenandoah River | Rockingham | Rockingham |
| Front Royal | 12.00 | 5/23/1942 | 16.20 | 41,400 | Moderate | Shenandoah | Shenandoah River | Warren | Warren |
| Luray | 14.00 | 5/23/1942 | 17.82 | 40,500 | Minor | Shenandoah | South Fork Shenandoah River | Page | Page |
| Lynnwood | 16.00 | 5/22/1942 | 20.37 | 36,300 | Major | Shenandoah | Shenandoah River | Rockingham | Rockingham |
| Millville | 13.50 | 5/24/1942 | 16.28 | 56,100 | Moderate | Shenandoah | Shenandoah River | Jefferson | Jefferson |
| Strasburg | 17.00 | 5/23/1942 | 19.28 | 21,400 | Minor | Shenandoah | North Fork Shenandoah River | Warren | Shenandoah |

South Branch Potomac

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|-------------|-------------|-----------|-------|--------|----------|----------------------|---------------------------------------|----------------|--------------------------|
| Moorefield | 10.00 | 5/22/1942 | 11.07 | 14,600 | Minor | South Branch Potomac | South Fork South Branch Potomac River | Hardy | Hardy |
| Petersburg | 10.00 | 5/22/1942 | 13.69 | 22,600 | Moderate | South Branch Potomac | South Branch Potomac River | Grant | Grant |
| Springfield | 15.00 | 5/23/1942 | 22.00 | 51,000 | Moderate | South Branch Potomac | South Branch Potomac River | Hampshire | Hampshire |

West Branch Susquehanna

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|-----------|-------------|-----------|-------|---------|----------|-------------------------|-------------------------------|----------------|--------------------------|
| Lewisburg | 18.00 | 5/23/1942 | 18.57 | 117,000 | Minor | West Branch Susquehanna | West Branch Susquehanna River | Northumberland | Union |

Weather Summary

Periods of heavy rain fell on May 20-23 with as much as 5 to 7 inches falling over some of the flood area on May 22.

Crest Statistics and Flood Information

Second flood of 2 that occurred in May, 1942

Fifth flood of 11 that occurred in 1942

Number of Floods at MARFC Forecast Points - 51

Number of Floods Cresting in Minor Range - 22

Number of Floods Cresting in Moderate Range - 24

Number of Floods Cresting in Major Range - 5

Number of Floods Cresting in Missing Range - 0