## Flood Event of 10/4/1869 - 10/4/1869

### Southeastern Pennsylvania

<table>
<thead>
<tr>
<th>Site</th>
<th>Flood Stage</th>
<th>Date</th>
<th>Crest</th>
<th>Flow</th>
<th>Category</th>
<th>Basin</th>
<th>Stream</th>
<th>County of Gage</th>
<th>County of Forecast Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Philadelphia</td>
<td>11.00</td>
<td>10/4/1869</td>
<td>17.00</td>
<td>135,000</td>
<td>Major</td>
<td>Schuylkill</td>
<td>Schuylkill River</td>
<td>Philadelphia</td>
<td>Philadelphia</td>
</tr>
<tr>
<td>Reading</td>
<td>13.00</td>
<td>10/4/1869</td>
<td>-9999.00</td>
<td>71,200</td>
<td>Missing</td>
<td>Schuylkill</td>
<td>Schuylkill River</td>
<td>Berks</td>
<td>Berks</td>
</tr>
</tbody>
</table>

### Weather Summary

The northward moving "Saxby Gale" hurricane was east of the Atlantic coastline interacted with an upper-level low pressure trough to dump copious amounts of rain along the eastern seaboard on October 2-4. During the evening hours of October 2, light rain, which would gradually become a steady downpour, began falling over Eastern PA. Rainfall at New Jersey weather stations averaged 5.00 inches and sent rivers in the northern part of the state into major flood. In Southeastern PA, a rain gauge in Lancaster County at Mount Joy measured 8.00 inches. Honesdale, PA measured 4.50 inches and NW of Philadelphia, PA measured 6.00 inches. Observer Marcus Corson, who reported the Philadelphia rain amount, added in his observational notes: "Disastrous freshet on the Schuylkill. Water 16 feet above ordinary level, higher than the great flood of January 26, 1839." adding" much property damaged."


### Crest Statistics and Flood Information

- First flood of 1 that occured in Oct, 1869
- First flood of 2 that occured in 1869
- Number of Floods at MARFC Forecast Points - 2
- Number of Floods Cresting in Minor Range - 0
- Number of Floods Cresting in Moderate Range - 0
- Number of Floods Cresting in Major Range - 1
- Number of Floods Cresting in Missing Range - 1