EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Sept. 16, 1999, reached a stage of 18.05 ft, from floodmarks, discharge about 14,300 ft³/s.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,300 ft³/s and maximum (*)

<table>
<thead>
<tr>
<th>Location:</th>
<th>01473900 WISSAHICKON CREEK AT FORT WASHINGTON, PA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drainage Area:</td>
<td>40.8 mi²</td>
</tr>
<tr>
<td>Period of Record:</td>
<td>September 1961 to March 1969; June 2000 to current year</td>
</tr>
<tr>
<td>Remarks:</td>
<td>No estimated daily discharge. Records good. Several measurements of temperature were made during the year. Satellite telemetry at station.</td>
</tr>
</tbody>
</table>

**EXTREMES OUTSIDE PERIOD OF RECORD**--Flood of Sept. 16, 1999, reached a stage of 18.05 ft, from floodmarks, discharge about 14,300 ft³/s.

**PEAK DISCHARGES FOR CURRENT YEAR**--Peak discharges greater than base discharge of 1,300 ft³/s and maximum (*):

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Discharge</th>
<th>Gage Height (ft)</th>
<th>Date</th>
<th>Time</th>
<th>Discharge</th>
<th>Gage Height (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug. 1</td>
<td>0030</td>
<td>1,320</td>
<td>7.34</td>
<td>Sept. 20</td>
<td>0015</td>
<td>1,730</td>
<td>8.31</td>
</tr>
<tr>
<td>Aug. 4</td>
<td>0330</td>
<td>*2,010</td>
<td>*9.11</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000**

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1   | --- | --- | --- | --- | --- | --- | --- | --- | 38  | 26  | 251 | 34  |
| 2   | --- | --- | --- | --- | --- | --- | --- | --- | 35  | 24  | 51  | 26  |
| 3   | --- | --- | --- | --- | --- | --- | --- | --- | 33  | 24  | 48  | 118 |
| 4   | --- | --- | --- | --- | --- | --- | --- | --- | 30  | 31  | 485 | 55  |
| 5   | --- | --- | --- | --- | --- | --- | --- | --- | 31  | 26  | 54  | 42  |
| 6   | --- | --- | --- | --- | --- | --- | --- | --- | 55  | 24  | 44  | 39  |
| 7   | --- | --- | --- | --- | --- | --- | --- | --- | 39  | 23  | 61  | 38  |
| 8   | --- | --- | --- | --- | --- | --- | --- | --- | 33  | 22  | 45  | 37  |
| 9   | --- | --- | --- | --- | --- | --- | --- | --- | 32  | 22  | 37  | 36  |
| 10  | --- | --- | --- | --- | --- | --- | --- | --- | 30  | 37  | 34  | 35  |
| 11  | --- | --- | --- | --- | --- | --- | --- | --- | 29  | 23  | 72  | 36  |
| 12  | --- | --- | --- | --- | --- | --- | --- | --- | 110 | 21  | 80  | 34  |
| 13  | --- | --- | --- | --- | --- | --- | --- | --- | 101 | 20  | 43  | 130 |
| 14  | --- | --- | --- | --- | --- | --- | --- | --- | 53  | 45  | 145 | 44  |
| 15  | --- | --- | --- | --- | --- | --- | --- | --- | 41  | 59  | 73  | 264 |
| 16  | --- | --- | --- | --- | --- | --- | --- | --- | 37  | 98  | 46  | 35  |
| 17  | --- | --- | --- | --- | --- | --- | --- | --- | 40  | 38  | 39  | 28  |
| 18  | --- | --- | --- | --- | --- | --- | --- | --- | 45  | 26  | 41  | 27  |
| 19  | --- | --- | --- | --- | --- | --- | --- | --- | 69  | 34  | 38  | 301 |
| 20  | --- | --- | --- | --- | --- | --- | --- | --- | 36  | 30  | 32  | 319 |
| 21  | --- | --- | --- | --- | --- | --- | --- | --- | 39  | 26  | 31  | 48  |
| 22  | --- | --- | --- | --- | --- | --- | --- | --- | 201 | 25  | 30  | 37  |
| 23  | --- | --- | --- | --- | --- | --- | --- | --- | 44  | 24  | 30  | 33  |
| 24  | --- | --- | --- | --- | --- | --- | --- | --- | 35  | 24  | 30  | 33  |
| 25  | --- | --- | --- | --- | --- | --- | --- | --- | 31  | 23  | 29  | 45  |
| 26  | --- | --- | --- | --- | --- | --- | --- | --- | 31  | 166 | 27  | 434 |
| 27  | --- | --- | --- | --- | --- | --- | --- | --- | 37  | 272 | 29  | 81  |
| 28  | --- | --- | --- | --- | --- | --- | --- | --- | 30  | 48  | 45  | 53  |
| 29  | --- | --- | --- | --- | --- | --- | --- | --- | 31  | 35  | 29  | 44  |
| 30  | --- | --- | --- | --- | --- | --- | --- | --- | 29  | 33  | 28  | 40  |
| 31  | --- | --- | --- | --- | --- | --- | --- | --- | 228 | 29  | --- | --- |
| Total | --- | --- | --- | --- | --- | --- | --- | --- | 1425| 1557| 2056| 2526|
| Mean  | --- | --- | --- | --- | --- | --- | --- | --- | 47.5| 50.2| 66.3| 84.2|
| Max   | --- | --- | --- | --- | --- | --- | --- | --- | 201| 272| 485| 434|
| Min   | --- | --- | --- | --- | --- | --- | --- | --- | 1.16| 1.23| 1.63| 2.06|
| CFSM  | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| IN.   | --- | --- | --- | --- | --- | --- | --- | --- | 1.30| 1.42| 1.87| 2.30|

**STATISTICS OF MONTHLY MEAN DATA FOR PERIOD OF DAILY RECORD, BY WATER YEAR (WY)**

<table>
<thead>
<tr>
<th>Year</th>
<th>1999</th>
<th>2000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean</td>
<td>19.9</td>
<td>29.6</td>
</tr>
<tr>
<td>Max</td>
<td>55.7</td>
<td>111</td>
</tr>
<tr>
<td>Min</td>
<td>7.4</td>
<td>11.7</td>
</tr>
</tbody>
</table>

**DRAINAGE AREA:** 40.8 mi²

**PERIOD OF RECORD:** September 1961 to March 1969; June 2000 to current year.

**GAGE:** Water-stage recorder and crest-stage gage. Datum of gage is about 140 ft above sea level, from topographic map. From Sept. 1961 to Mar. 1969 gage at present site at different datum.

**No estimated daily discharge. Records good. Several measurements of temperature were made during the year. Satellite telemetry at station.**
### SUMMARY STATISTICS FOR PERIOD OF DAILY RECORD

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ANNUAL MEAN</td>
<td>44.4</td>
<td></td>
</tr>
<tr>
<td>HIGHEST ANNUAL MEAN</td>
<td>64.2</td>
<td>1967</td>
</tr>
<tr>
<td>LOWEST ANNUAL MEAN</td>
<td>25.3</td>
<td>1961</td>
</tr>
<tr>
<td>HIGHEST DAILY MEAN</td>
<td>1420</td>
<td>Feb 13 1966</td>
</tr>
<tr>
<td>LOWEST DAILY MEAN</td>
<td>4.6</td>
<td>Jul 5 1963</td>
</tr>
<tr>
<td>ANNUAL SEVEN-DAY MINIMUM</td>
<td>5.6</td>
<td>Jul 1 1963</td>
</tr>
<tr>
<td>INSTANTANEOUS PEAK FLOW</td>
<td>3490</td>
<td>Mar 7 1967</td>
</tr>
<tr>
<td>INSTANTANEOUS PEAK STAGE</td>
<td>12.11</td>
<td>Mar 7 1967</td>
</tr>
<tr>
<td>INSTANTANEOUS LOW FLOW</td>
<td>2.9</td>
<td>Sep 2 1963</td>
</tr>
<tr>
<td>ANNUAL RUNOFF (CFSM)</td>
<td>1.09</td>
<td></td>
</tr>
<tr>
<td>ANNUAL RUNOFF (INCHES)</td>
<td>14.78</td>
<td></td>
</tr>
<tr>
<td>10 PERCENT EXCEEDS</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>50 PERCENT EXCEEDS</td>
<td>23</td>
<td></td>
</tr>
<tr>
<td>90 PERCENT EXCEEDS</td>
<td>8.6</td>
<td></td>
</tr>
</tbody>
</table>

* Site and datum then in use.*