SWATARA CREEK BASIN

01572025 SWATARA CREEK NEAR PINE GROVE, PA

LOCATION.--Lat 40°31'57", long 76°24'09", Schuylkill County, Hydrologic Unit 02050305, on right bank 1.0 mi downstream from Lower Little Swatara Creek, 1.3 mi southwest of Pine Grove, and 1.6 mi upstream from bridge on Interstate Highway 81.

DRAINAGE AREA.--116 mi².


REMARKS.--Records good except those for estimated daily discharges, which are poor. Satellite telemetry at station.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than a base discharge of 1,500 ft³/s and maximum (*):

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<tr>
<th>Date</th>
<th>Discharge ft³/s</th>
<th>Gage Height ft</th>
<th>Date</th>
<th>Discharge ft³/s</th>
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<td>May 18</td>
<td>1015            *1,220         *7.19</td>
<td>(No peaks above base discharge.)</td>
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Discharge, Cubic Feet per Second, Water Year October 2001 to September 2002

Daily Mean Values

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Mean 27.3 32.1 65.9 70.4 82.8 222 248 307 90.9 35.7 19.7 44.9
Max 96 154 152 216 132 829 663 812 163 55 27 286
Min 20 17 36 34 56 52 138 130 59 22 15 14

Statistics of Monthly Mean Data for Period of Daily Record, by Water Year (WY)

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<th>Min (WY)</th>
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* Estimated.
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a From rating curve extended above 3,300 ft³/s on basis of step-backwater analysis.
b Also Sept. 12, 14, 2002.