LACKAWANNA RIVER BASIN

01534300 LACKAWANNA RIVER NEAR FOREST CITY, PA

LOCATION.--Lat 41°40'47", long 75°28'20", Susquehanna County, Hydrologic Unit 02050107, on left bank 1,600 ft upstream from bridge on State Highway 171, 1.3 mi downstream from Stillwater Dam, 1.6 mi downstream from confluence of East and West Branches, and 2.2 mi north of Forest City.

DRAINAGE AREA.---38.8 mi².

PERIOD OF RECORD.---October 1958 to current year.

GAGE.---Water-stage recorder. Datum of gage is 1,551.28 ft above National Geodetic Vertical Datum of 1929. Prior to Dec. 11, 1958, nonrecording gage at same site and datum.

REMARKS.---Records good except those for estimated daily discharges, which are poor. Flow regulated since December 1959 by Stillwater Dam (station 01534180). Several measurements of water temperature were made during the year. Satellite telemetry at station.

PERIOD OF RECORD

The table provides daily mean values of discharge from October 2001 to September 2002, including the location details and remarks for the LACKAWANNA RIVER BASIN near Forest City, PA. The statistics of monthly mean data for water years 1959-2002 are also included, with estimated values marked by "e."
LACKAWANNA RIVER BASIN

01534300 LACKAWANNA RIVER NEAR FOREST CITY, PA--Continued

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR

<table>
<thead>
<tr>
<th>Statistic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Total</td>
<td>17388.3</td>
</tr>
<tr>
<td>Annual Mean</td>
<td>47.6</td>
</tr>
<tr>
<td>Highest Annual Mean</td>
<td>112</td>
</tr>
<tr>
<td>Lowest Annual Mean</td>
<td>36.3</td>
</tr>
<tr>
<td>Highest Daily Mean</td>
<td>784</td>
</tr>
<tr>
<td>Lowest Daily Mean</td>
<td>3.9</td>
</tr>
<tr>
<td>Annual Seven-Day Minimum</td>
<td>4.5</td>
</tr>
<tr>
<td>Maximum Peak Flow</td>
<td>710</td>
</tr>
<tr>
<td>Maximum Peak Stage</td>
<td>4.45</td>
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<tr>
<td>Instantaneous Low Flow</td>
<td>0.00</td>
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</tbody>
</table>

FOR 2002 WATER YEAR

<table>
<thead>
<tr>
<th>Statistic</th>
<th>Value</th>
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<tbody>
<tr>
<td>Annual Total</td>
<td>21413.4</td>
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<tr>
<td>Annual Mean</td>
<td>58.7</td>
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<tr>
<td>Highest Annual Mean</td>
<td>1973</td>
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<tr>
<td>Lowest Annual Mean</td>
<td>1965</td>
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<tr>
<td>Highest Daily Mean</td>
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<td>Lowest Daily Mean</td>
<td>3.2</td>
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<tr>
<td>Annual Seven-Day Minimum</td>
<td>4.1</td>
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<td>Maximum Peak Flow</td>
<td>1390</td>
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<tr>
<td>Maximum Peak Stage</td>
<td>6.41</td>
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<tr>
<td>Instantaneous Low Flow</td>
<td>0.43</td>
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</table>

WATER YEARS 1959 - 2002

<table>
<thead>
<tr>
<th>Statistic</th>
<th>Value</th>
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<tbody>
<tr>
<td>10 Percent Exceeds</td>
<td>103</td>
</tr>
<tr>
<td>50 Percent Exceeds</td>
<td>25</td>
</tr>
<tr>
<td>90 Percent Exceeds</td>
<td>5.5</td>
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</tbody>
</table>

- a Computed using estimated daily discharges.
- b Result of shutoff at Stillwater Dam.
- c From rating curve extended above 930 ft³/s.
- d Instantaneous peak since regulation, 1,020 ft³/s, Feb. 26, 1975, gage height, 4.85 ft.