

# *Watershed* MANAGEMENT



## Drought Information Center

**June 24, 1999**

About 0.1 inch of precipitation occurred in the Philadelphia/Bucks/Montgomery County area since Monday morning, as the tail end of the weekend activity moved east.

Delaware River basin stream flows continue downward. The main stem is down at all gages except Trenton, where flows increased from 3190 cubic feet per second (cfs) Monday to 3500 cfs this morning. The Lackawaxen River at Hawley decreased from 83 cfs Tuesday to 70, and the Lehigh River at Bethlehem is down from 764 to 731 cfs. At Glendon, the Lehigh is below its 992-cfs record low, flowing at 726 cfs this morning. The Schuylkill River at Pottstown is down from 567 to 485 cfs. In the Christina River watershed, Brandywine Creek is down from 167 to 157 cfs.

In the Susquehanna River basin, the main stem river has fallen markedly at all gages, with Harrisburg down from 5930 to 5010 cfs, well below its record low of 5500 for today. The Lackawaxen River at Old Forge declined from 100 to 81 cfs, and the West Branch Susquehanna at Lewisburg continued down from 1450 to 1300 cfs, also well below its record low of 1760 cfs for today. The Juniata River at Newport decreased from 1020 to 911 cfs and in the lower basin, the Conestoga River at Conestoga continued down from 189 to 174 cfs, below its record of 209 cfs.

In the Ohio River basin, the Allegheny River rose throughout its reach, up from 3300 to 3460 cfs at Natrona. The Kiskiminetas declined sharply from 512 to 315 cfs, below its record of 503; however, the hydrograph indicates questionable gage readings today. The Monongahela River at Braddock rose slightly from 1840 to 1890 cfs, and the Beaver River at Beaver Falls held even at 845. The Ohio River at Sewickley also rose somewhat from 5100 to 6570 cfs.

Ground water continued a downward trend statewide; although, very slight gains are evident at the Berks, Huntingdon, Pike and Warren County monitoring wells this morning.

The next few days promise very little precipitation statewide, in the form of possible showers or thunderstorms, with up to 0.5 inch concentrated in the northwestern part of the state. The 5-day outlook indicates the possibility of up to 1.0-1.5 inches of rain in the western Ohio basin, decreasing eastward to 0.1-0.25 inch in the Delaware basin. The 6-10 day outlook adds a possible 1.5-2.5 inches statewide, with the heavier concentrations in the Susquehanna basin.