

# *Watershed* MANAGEMENT



## Drought Information Center

**November 2, 1999**

Over the past 24 hours there was an average of about 0.10 inches of rain over about the most western 20% of the state. There was also light rain over extremely small areas in east central, northeast and southeast Pennsylvania.

Most streams in the Delaware River Basin have receded slightly over the past five days. The exceptions to this rule are the Frankford Creek Basin, Crum Creek Basin, Ridley Creek Basin, Chester Creek Basin, and the Christina River Basin, which are holding fairly even. The mainstem Delaware River is down from 6,310 to 6,220 cfs. at Trenton. The Lackawaxen River is down from 141 to 117 cfs. at Hawley. The Lehigh River is down from 1,300 to 1,180 cfs. at Bethlehem. The Schuylkill River is down from 1,380 to 1,190 cfs. at Philadelphia, and the Brandywine Creek is down from 228 to 219 cfs. at Chadds Ford. About 60% of the stream gauges in the Delaware River Basin are at below normal flow for November 2.

Flow recession is the general trend for all major streams in the Susquehanna River Basin since October 28. The mainstem Susquehanna River is down from 2,560 to 2,140 cfs. at Towanda, down from 3,810 to 3,260 cfs. at Wilkes-Barre and down from 9,030 to 8,080 cfs. at Harrisburg. The West Branch Susquehanna River is down from 709 to 609 cfs. at Lock Haven, down from 1,470 to 1,260 cfs. at Williamsport and down from 2,170 to 1,830 cfs. at Lewisburg. The Juniata River is down from 1,190 to 1,040 cfs. at Newport and the Conestoga River is down from 362 to 330 cfs. at Conestoga. About 90% of the stream gauges in the Susquehanna River Basin are at below normal flow for this date.

The Ohio River Basin generally has receding stream gauges over the past five days. The exceptions are flow enhancements on the Ohio River mainstem, in the Conewango Creek Basin, in Crooked Creek Basin and in Chartiers Creek Basin. Mixed gauge changes are seen in the Monongahela River Basin, and both Pine Creek and Raccoon Creek Basins are holding about even. The Allegheny River is down from 5,540 to 3,080 cfs. at Natrona. The Ohio River is up from 6,380 to 7,480 cfs. at Sewickley. The Kiskiminetas River is up slightly from 488 to 499 cfs. at Vandergrift. The Monongahela River is up from 1,790 to 2,910 cfs. at Braddock and the Beaver River is down from 690 to 555 cfs. at Beaver Falls. About all the stream gauges in the Ohio River Basin are at below normal flow for today's date.

Since October 28, 27 counties with monitoring wells show a water level rise for nine counties and a drop for 17. The Monroe County well shows no change. Water level rises range from 0.01 to 1.51 ft. with an average increase of 0.29 ft. Decreases range from 0.01 to 2.60 ft. with an average drop of 0.52 ft.

An average of perhaps 1.75 inches of precipitation is expected for the entire state over the next four days with slightly higher amounts possible in the east. Little or no precipitation is expected for Pennsylvania for the period November 6 to 11. Temperatures for the next ten days are expected to be near normal.