

# *Watershed* MANAGEMENT



## Drought Information Center

**August 3, 1999**

Since the beginning of the month, the state had rain that occurred mainly over the western counties. Average amounts were at least 0.5 to 0.75 inches in the west, tapering off to 0.1 to 0.3 inches in the northeast quadrant with close to nothing in the southeast.

The Delaware Basin shows some significant decreases. The mainstem Delaware at Trenton is down slightly from 2,920 to 2,770 cfs. The Lackawaxen River at Hawley is essentially unchanged from 21 to 19 cfs. The Lehigh River at Bethlehem is down from 520 to 446 cfs. The Schuylkill River at Philadelphia is down from 181 to 34 cfs., and the Brandywine Creek at Chadd's Ford is down from 61 to 53 cfs. Mostly all flows are significantly below normal for August 3.

The Susquehanna Basin shows no significant changes. The mainstem Susquehanna at Towanda is marginally up from 954 to 1,000 cfs. At Wilkes-Barre, the Susquehanna River is essentially unchanged from 1,470 to 1,420 cfs. At Harrisburg, it is down slightly from 3,420 to 3,130 cfs. The West Branch Susquehanna at Renovo is down slightly from 378 to 357 cfs. It is up marginally at Williamsport from 625 to 685 cfs. The Juniata River at Newport is up slightly from 706 to 728 cfs., and the Conestoga River at Conestoga remains unchanged at 79 cfs. Essentially all streamflows in the Susquehanna Basin are substantially below normal for the date.

The improved flows in the Ohio Basin have mostly subsided in the past four days, particularly on the Ohio, Monongahela and Beaver Rivers. The Ohio mainstem at Sewickley is down from 8,540 to 4,680 cfs. The Monongahela River at Braddock is down from 6,450 to 1,650 cfs., and the Beaver River is down from 3,180 to 1,180 cfs. Flows for practically all streams in the basin are again well below normal for this date.

24 of the 27 county monitoring wells continue to drop. During the past four days, Pike County records a drop of 1.46 feet, and Warren County dropped 2.51 feet. Of the three counties showing improved readings, Franklin County registered a water level rise of 4.32 feet.

No precipitation is forecast until at least Wednesday evening. Forecast precipitation for up through Thursday afternoon includes about 0.3 inches over the northeastern part of the state, tapering off to nothing along the Maryland border. The period of August 8 to 13 includes a forecast of an additional 0.2 to 0.4 inches across the entire state. Temperatures for the next few days are expected average close to normal.

