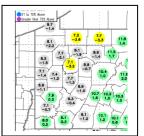
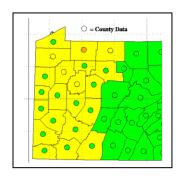
# Weekly Drought Report November 30, 2010

### **Precipitation**

[Information on cumulative precipitation over past 7 days not available from NWS at time of this writing].



Parting from the trend over the past weeks, the current 90-day precipitation departures from normal have shown improvement statewide. Warren County remains in watch condition with the highest negative departure of -3.6 inches.



All county 90- day precipitation indicator points are now in normal or above conditions except for five counties in the Northwest; four of which are in watch and one in warning. All five moving total precipitation graphs are plotting improving trends.

### **Surface Water**

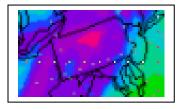
A review of instantaneous streamflows indicates that flows are below normal in the Delaware Basin and in the Lower and Middle Susquehanna and Ohio Basins. Above normal flows exist across the rest of the state. Currently, instantaneous streamflows are decreasing across the state.

The 30-day moving average streamflow values have improved in the last two weeks where we now have only 3 counties in Watch Status; Greene, Philadelphia and Washington. All other counties previously in Warning or Watch are now in Normal Status. The counties which returned to Normal Status are Beaver County from Warning and Fayette, Forest, Indiana and Somerset Counties from Watch Status. The 30-day moving averages are increasing across the state except in the southeast where they are either moving horizontally or decreasing.

#### Groundwater

Groundwater indicators have not changed over the past several weeks. All monitoring well indicators remain as "Normal" except Fayette County's well whose 30-day moving average remains steady in the "Watch" level. Forecasted precipitation over the next few days will likely, over time, result in improvements to groundwater levels statewide.

## **Precipitation forecast**



Forecasts are calling for between 3 to 6 inches in cumulative precipitation over the next 7 days with more modest cumulative amounts between December 8 and December 16. The NWS has issued a flood watch for a good portion of the central part of Pennsylvania from north to south borders.

#### Summary

At this time, the following western Pennsylvania counties remain in drought watch status: Allegheny, Armstrong, Beaver, Butler, Clarion, Crawford, Elk, Erie, Fayette, Forest, Greene, Indiana, Jefferson, Lawrence, McKean, Mercer, Somerset, Venango, Warren Washington and Westmoreland.

If the precipitation forecast is realized in the next week or so, it is likely the remaining western counties will recover sufficiently and the drought watch declaration can be removed following consultation with the Drought Task Force.

A Drought Task Force meeting will be scheduled for the week of Dec. 14, 2010.