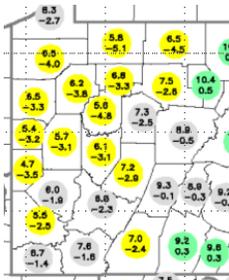


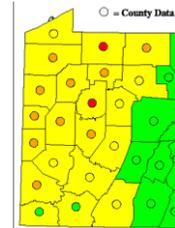
# Weekly Drought Report November 23, 2010 (drafted but left incomplete and not submitted)

## Precipitation

Over the last 7 days, Pennsylvania received between 0.1 up to about 1 inches of precipitation over most of the state with pockets of precipitation up to about 3 inches in the central part of the of the state.



As with past reports over the past month, negative 90-day precipitation departures from normal continue to persist in the western third of the state, but not uniformly. Since last week's report, precipitation indicators in Mercer and Forest Counties have moved from Watch into Warning levels while Armstrong County moved from Warning down to Watch level.

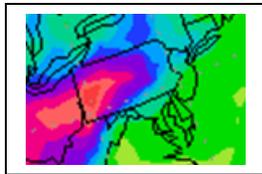


## Surface Water

## 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. A number of monitoring wells, without a pattern, show slight increases in levels while others show slight decreases and others somewhat level. With winter and freezing ground conditions approaching, decreasing groundwater recharge would be expected.

## Precipitation forecast



Forecasts call for significant levels of precipitation accumulations up to 5 to 6 inches in the west part of the state – the area most needing it. This reflects a change in forecast from the NWS that last week called for up to 3 to 4 inches of precipitation in the eastern half of the state and 2 inches in the far west. Longer term between December 1 and December 9th the NWS is forecasting between 1 to 2 inches in precipitation mostly in the eastern part of the State.

## Summary

The following western Pennsylvania counties remain in drought watch status: Armstrong, Butler, Clarion, Crawford, Elk, Erie, Forest, Indiana, Jefferson, McKean, Venango, Warren and Westmoreland.

DEP upgraded the following counties from drought warning to drought watch status: Allegheny, Beaver, Fayette, Greene, Lawrence, Mercer, Somerset and Washington.