

The Pennsylvania Observer

August 4, 2010



July 2010 - Pennsylvania Weather Recap

This was the warmest July since 1999 in half of the state's climate divisions (3,5,6,7,8) and the warmest since 2006 in the remaining divisions. The month began with a push of cool, dry air from Canada and ended with cooler air from the Great Lakes. In between, the vast majority of the remaining 24 days averaged above normal temperatures. While it was quite dry during the first week, rains returned especially to southeast sections during the middle of the month. The thunderstorms became fewer in the last ten days of the month. As a result, a swath about 20 miles either side of I-80 had below normal rainfall as did the counties bordering Maryland from Adams to Somerset. It was wettest around Harrisburg and around Philadelphia. The Pittsburgh region was drier than normal. A heat wave was noted from July 5-9 with most of southeast Pennsylvania rising to or above 100F on several days. More heat and humidity returned during the third and fourth week of July. Philadelphia tallied 19 days with readings at or above 90F, the most is 21 set in 1988.

The first reports of severe weather did not occur until July 12 when one report of hail and about a dozen reports of wind damage were noticed in the lower Susquehanna Valley. Another round of thunderstorms produced one hail and ten damaging wind reports on July 17. A handful of wind damage was recorded on July 19th in and around the Philadelphia area. A few storms caused wind damage in northeastern Pennsylvania on July 21st. The month's only tornadoes touched down in Wayne county of July 23rd and then in Tioga and Potter counties on July 24th.

Here are the weather extremes across Pennsylvania (**observations taken at 8AM EDT**) during July 2010 from the NWS Cooperative & ASOS Networks of which our office receives routine observations. The extremes occurred in the 24-hour period prior to the date listed.

Parameter	Location	Value	Date (8 AM EDT)	County
Highest Temperature	Philadelphia	103°F	July 7 th	Philadelphia
Lowest Temperature	Kane	36°F	July 1 st	McKean
Greatest Cumulative Liquid Precipitation	Wyndmoor	9.03"	July 1 st – July 31 st	Montgomery
Least Cumulative Liquid Precipitation	Wolfdale	1.91"	July 1st – July 31st	Washington

Links to Pennsylvania Weather Stories during July, 2010

Tornado Terror for Wayne County

<http://www.wayneindependent.com/news/x1419036404/Tornado-Terror-for-Wayne-County>

A Long, Hot Summer

http://www.timesleader.com/news/A_long_hot_summer_07-23-2010.html

Rain Welcome, But Damage Done in Some Places

<http://www.lancasterfarming.com/node/3069>

Temps Top 100 Degrees Again in Philly

http://www.ydr.com/ci_15456043

PA Drought Free

<http://wduqnews.blogspot.com/2010/07/pa-drought-free.html>