

# *The Pennsylvania Observer*

July 2, 2012



## **June 2012 - Pennsylvania Weather Recap**

*By: Kyle Imhoff*

The month of June was a rollercoaster ride of large temperature swings and “bookend” severe weather outbreaks.

June began with severe weather across the state as a result of a warm front located just to the south of the region. Some tornadoes were even reported in portions of southern Pennsylvania. Just two days later, on June 3<sup>rd</sup>, more severe weather occurred across the state from a northwesterly flow following a cold frontal passage. The first full week of June was abnormally cool, particularly in the first half of the week. Scattered showers and thunderstorms developed in the afternoon/evening each day. The cool weather would not hang around as temperatures would begin to moderate, beginning on June 8<sup>th</sup>. By the 10<sup>th</sup>, most areas experienced temperatures 10 degrees above normal with little precipitation as the state was under the influence of a ridge of high pressure.

A transition back to cooler weather occurred on the 13<sup>th</sup> after a cold frontal passage on the evening of the 12<sup>th</sup>. The cool weather would not stick around for long in the western half of the state, as temperatures moderated to near, or slightly above, normal levels by mid-month. The eastern half of the state was under the influence of a disturbance off the East Coast of the northeastern US, which kept temperatures cooler and clouds to remain in place through the 18<sup>th</sup>. By the 19<sup>th</sup>, the entire state saw temperatures warm to 5-10 degrees above normal, with noticeably more humid conditions. A cold front passed through the state on the 22<sup>nd</sup>, dropping temperature and humidity levels back to near seasonal levels through the 25<sup>th</sup>/26<sup>th</sup>. The heat and humidity would return yet again for the latter part of the last week in June, with most places seeing high temperatures in the low-upper 90s by the end of the week (29<sup>th</sup>). June would end with another severe weather event – with the first round of widespread activity on the evening of the 28<sup>th</sup>. The second round was confined to the southern part of the state near the Maryland border, in which an organized and intense line of thunderstorms moved through the region late in the evening on the 29<sup>th</sup> and into morning of the 30<sup>th</sup>. These thunderstorms caused numerous reports of wind damage as well as power outages across southern Pennsylvania, and especially across other parts of the Mid-Atlantic region.

### **Pennsylvania Severe Weather Facts:**

Total number of tornadoes: 7 (all on June 1)

Wind Reports: 105 (most - 46 on June 28)

Hail Reports: 16 (most - 11 on June 28)

Here are the weather extremes across Pennsylvania (**observations taken at 8AM EDT**) during June 2012 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	York 3 Mi. SSW Pump Stn	<b>102°F</b>	June 21 <sup>st</sup>	York
Lowest Temperature	Warren	<b>32°F</b>	June 7 <sup>th</sup>	Warren
Greatest Cumulative Liquid Precipitation	Coaldale 1.5 Mi. N	<b>6.52"</b>	June 1 <sup>st</sup> -June 30 <sup>th</sup>	Carbon
Least Cumulative Liquid Precipitation	Springboro 3 Mi. WNW	<b>1.55"</b>	June 1 <sup>st</sup> -June 30 <sup>th</sup>	Crawford

## Links to Pennsylvania Weather Stories during June, 2012

### Palms for Pennsylvania

[http://blog.pennlive.com/gardening/2012/06/palms\\_for\\_pennsylvania.html](http://blog.pennlive.com/gardening/2012/06/palms_for_pennsylvania.html)

### Bloomsburg fair back on track

[http://www.pennlive.com/midstate/index.ssf/2012/05/bloomsburg\\_fair\\_is\\_back\\_after.html](http://www.pennlive.com/midstate/index.ssf/2012/05/bloomsburg_fair_is_back_after.html)

### Pennsylvania's corn, some of the best so far in 2012

<http://www.cattlenetwork.com/cattle-news/latest/More-dry-weather-impacts-corn-condition-ratings-159478695.html>