

# *The Pennsylvania Observer*

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## **June 2007 – Pennsylvania Weather Recap**

The beginning of June had rain and cloudy conditions. Thunderstorms rumbled their way across the state due to a very unstable air mass, bringing localized heavy rain. Hershey, in Dauphin County, recorded 2.87 inches of rain in a 24 hour period ending 7am June 2nd. On June 4th, the remnants of tropical storm Barry produced cloudy and rainy conditions for the entire state. High pressure and drier weather that followed was short-lived giving a brief respite to the showers and thunderstorms that dominated the first week of June. A low pressure system and associated cold front crossed the area on June 8th - 9th, producing more showers and slightly lower temperatures. High pressure built in afterward producing mostly sunny skies and seasonal temperatures with the exception of a few afternoon thunderstorms which formed in a warm and moist air mass over southern sections.

An ocean storm off the Atlantic Coast slowly drifted southwestward on July 15th and 16th. This caused a rare scenario where thunderstorms formed in the north and drifted towards the southwest. On June 20th, a major low pressure system brought upwards of an inch of rain the majority of the state. Temperatures cooled off briefly in the wake of the low until a high pressure built across the area on the 24th bringing with it a very warm southerly flow. Temperatures soared into the 90s in some locations with heat indexes even higher for several days. The month ended with a cold front crossing the state and producing showers and dropping temperatures back below seasonal averages. The month of June was typical for a summer month in Pennsylvania. Overall, June averaged a couple degrees above normal and was generally drier than average across the state.

Here are the weather extremes across Pennsylvania (**observations taken at 8AM EDT**) during June 2007 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.

<b>Parameter</b>	<b>Location</b>	<b>Value</b>	<b>Date (8 AM EDT)</b>	<b>County</b>
Highest Temperature	Williamsport	<b>97 °F</b>	June 27 <sup>th</sup>	Lycoming
Lowest Temperature	Coudersport	<b>34 °F</b>	June 23 <sup>rd</sup>	Potter
Greatest Cumulative Liquid Precipitation	Washington	<b>7.12"</b>	-	Washington
Least Cumulative Liquid Precipitation	Biglerville	<b>0.87"</b>	-	Adams