

## February 2013 - Pennsylvania Weather Recap

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The month of February saw wide swings in temperatures as it went from cold in the beginning to a brief streak of warmer days and then back to cold again and there were really no major snow storms. There were just a few series of modest rainfall, mixed precipitation, and snowfall events scattered through the month.

The first four days of February were colder than normal. At this time, the notable precipitation fell in the western part of the state. On February 5<sup>th</sup>, high pressure moved through Pennsylvania bringing near normal temperatures in its wake for the next 3 days. By February 8<sup>th</sup> a small warm front moved across the state associated with a low pressure system over western Lake Erie causing slightly above average temperatures for the day. After this warm front, mixed precipitation developed throughout the state with most of the accumulation for the day occurring in the eastern portion of the state.

On February 9<sup>th</sup> temperatures dropped below normal due to the cold front that passed through the state. On February 11<sup>th</sup> an occluded low with a warm front passed over the state and brought the warmest readings, which lingered for the next few days. A slow moving low in the eastern part of Pennsylvania caused the most significant precipitation event for the month with Philadelphia reporting about a half inch of rainfall.

A cold front passed through on the 13<sup>th</sup>, bringing cooler but still slightly above normal temperatures and patchy snow in the west and mixed rain and snow in the east. On February 16<sup>th</sup> two cold fronts passed through Pennsylvania associated with different surface lows, which later formed into a large storm off the coast of New England. Temperatures stayed below normal for the next couple of days with Pittsburgh reporting a temperature anomaly of 13 degrees below normal on the 17<sup>th</sup>. On Feb 19<sup>th</sup> a warm front moved across the state associated with a low pressure over northern Lake Michigan bringing a slightly above normal temperatures for the day as well as moderate rainfall after the warm front passed.

On the 20<sup>th</sup> temperatures went back to below normal for the next few days. Temperature rose back above normal on the 23<sup>rd</sup> and continued to remain above normal for much of the remainder of the month. The most significant precipitation event occurred in the western part of the state on the 27<sup>th</sup> when complex storm moved northward and Pittsburgh reported .92 inches of total precipitation, most of it falling as rain. There were no thunderstorms or reports of severe weather in the state during February.