

September 2014 - Pennsylvania Weather Recap

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September is often a month where temperatures can fluctuate quite a bit, and this one was no exception. The first week of September was a warm one throughout Pennsylvania. On September 1st-2nd, a low pressure system moved from the north central U.S. northward into Canada. Being in the warm sector of the low, high temperatures throughout PA reached the mid to upper 80's on the 2nd. The cold front associated with the low moved through Pennsylvania on the 3rd, which brought up to 0.5" of rain to north central PA. High pressure moved in for the 4th-5th, with high temperatures remaining above normal in the mid to upper 80's throughout much of the Commonwealth. Erie tallied only their third 90F reading of the summer on September 5th. Another cold front moved through the region on the 6th with showers and thunderstorms bringing up to 0.5" of rain to southeastern portions of the state. High pressure was in control from the 7th-10th with dry and pleasant conditions. During this period, high temperatures rose into the 70's throughout the state. On the 11th, an area of low pressure moved from the Great Lakes northeast into Canada, driving a cold front through PA. This brought some rain mainly to northwestern parts of the state. High temperatures ranged from the low 70's to mid 80's on the 12th, as high pressure briefly moved in. By the 13th-14th, a weak low moved from the Great Lakes east to the New England coastal waters driving a cold front through the region. This produced between 0.25" and 0.5" of rain over the eastern half of the state. Temperatures on the 15th bottomed out in the 40's and rose into the 60's throughout the Commonwealth. On the 16th, another weak low moved from southern PA out to the NJ coastal waters. Up to 0.25" of rain fell over extreme northern parts of the state. High pressure dominated from the 17th-20th, which brought cool and dry conditions to the state. High temperatures ranged from the mid 60's to mid 70's. Low temperatures ranged from the lower 40's to mid 50's, while some isolated areas even dropped into the 30's. A low pressure brought up to 0.25" of rain to northern parts of the state on the 21st-22nd. Conditions were dry from the 23rd-24th due to an area of high pressure over the region. Some areas of the state recorded lows in the 30's. The temperature in Oswayo (Potter county) fell to 32 degrees on the 23rd for a record low. Low pressure located just off the New Jersey coast on the 25th-26th, brought nearly an inch of rain in southeastern portions of the state. The 27th-29th featured dry and mild conditions, with temperatures reaching the mid 70's to mid 80's. To close out the month, showers and thunderstorms were scattered throughout much of the state ahead of a cold front that approached the region from the west.

Overall, September was a very dry month with near to slightly above normal temperatures. Precipitation departures for the major reporting stations ranged from 1.67" below normal at Bradford (KBFD) to 3.39" below normal at Wilkes-Barre (KAVP). Temperatures ranged from 0.1 degrees above normal at Altoona (KAOO) to 2.5 degrees above normal at Harrisburg (KMDT).

Severe weather summary: 27 wind reports (20 – 2nd, 7 – 6th)