

The Pennsylvania Observer

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September 2007 – Pennsylvania Weather Recap

The first week of September was rather dry with no recorded rainfall across the Keystone state. A drought watch remained in effect for most of the state as of September 5th. Precipitation occurred for 9 straight days from the 8th-16th across the great state of Pennsylvania allowing for some relief. The rainfall was rather scattered across the region except on the 10th, 11th, 12th, and 15th where averages ranged between .01 and .75 inches on these days across the entire area. A disturbance off the New England coast and a frontal boundary that moved across the region on the 15th was responsible for the widespread precipitation across the Eastern half of the United States. High pressure dominated the Mid-Atlantic region from the 16th-19th while temperatures showed signs of the fall season rapidly approaching with temperatures averaging in the 60s to lower 70s. However, autumn lovers were fooled this week because the beginning of the final week of the September month brought back above average temperatures for the ones that favor summer. Moderate to severe thunderstorms crossed the region on the 27th resulting in inconvenient travel conditions. There were a couple hail and wind reports reported across Pennsylvania. As of September 26th a drought watch remained for many counties so hopefully the showers that moved through the following day bumped some of the counties off drought watch criteria. The last couple days of the month were refreshingly cooler due to the cold front that moved through the region. Otherwise, the month of September was quiet in terms of severe weather. Although the first official day of autumn isn't until September 23rd, the average date for frost to occur for the north central counties is September 20th. On September 23rd there were numerous frost advisories across the north central counties.

The 30-year mean September precipitation for Pennsylvania ranges from 2.75-3.75 inches with lower amounts in small sections of the north central region and southwestern region. The average daily high temperature for the month of September is 70-80 degrees with a few areas averaging 60-70 degrees. The average daily low temperature for the month of September is 40-60 degrees varying across the state. For 2007, the temperature highs and lows for the state of Pennsylvania were above average.

Here are the weather extremes across Pennsylvania (**observations taken at 8AM EDT**) during September 2007 from the NWS Cooperative & ASOS Networks. The extremes occurred in the 24-hour period prior to the date listed.

| Parameter | Location | Value | Date (8 AM EDT) | County |
|--|-----------------|--------------|----------------------------|---------------|
| Highest Temperature | Selinsgrove | 94°F | September 27 th | Snyder |
| Lowest Temperature | Clarence | 28°F | September 18 th | Centre |
| Greatest Cumulative Liquid Precipitation | Springboro | 4.12" | - | Crawford |
| Least Cumulative Liquid Precipitation | Neshaminy Falls | 0.30" | - | Bucks |