A large subtropical ridge caused an intense heat wave to strike the eastern half of the nation during the second full week of July, leading to above average temperatures for the month. Parts of southern California and western Nevada also felt the warmth from above average temperatures.
Tropical moisture from Hurricane Alex interacting with several upper level disturbances caused widespread flooding over Texas during the first week of July. In addition to Texas, many of the Interior Plains states received above average precipitation for July. In contrast, precipitation was scarce in locations along the West Coast.

When the previous conditions were compared with previous July’s on a climate division level, the following years were selected as close analogs: 1931, 1952, 2002, 1901, 1934, 1999, 1993, 1949, 1955, 2005.

Below are the conditions nationwide during the August-September that followed:
Applying those same analog years produced the following daily departures from normal for three regions of Pennsylvania for the period from August – September.
Central Pennsylvania Temperature Forecast
August-September 2010

Mean Temperature Departure from Normal (deg F)
Eastern Pennsylvania Temperature Forecast
August-September 2010

Mean Temperature Departure from Normal (deg F)

Forecast 5-Day Mean Forecast Verification 5-Day Mean Verification Normal

8/1 8/3 8/5 8/7 8/9 8/11 8/13 8/15 8/17 8/19 8/21 8/23 8/25 8/27 8/29 8/31