

# *The Pennsylvania Observer*

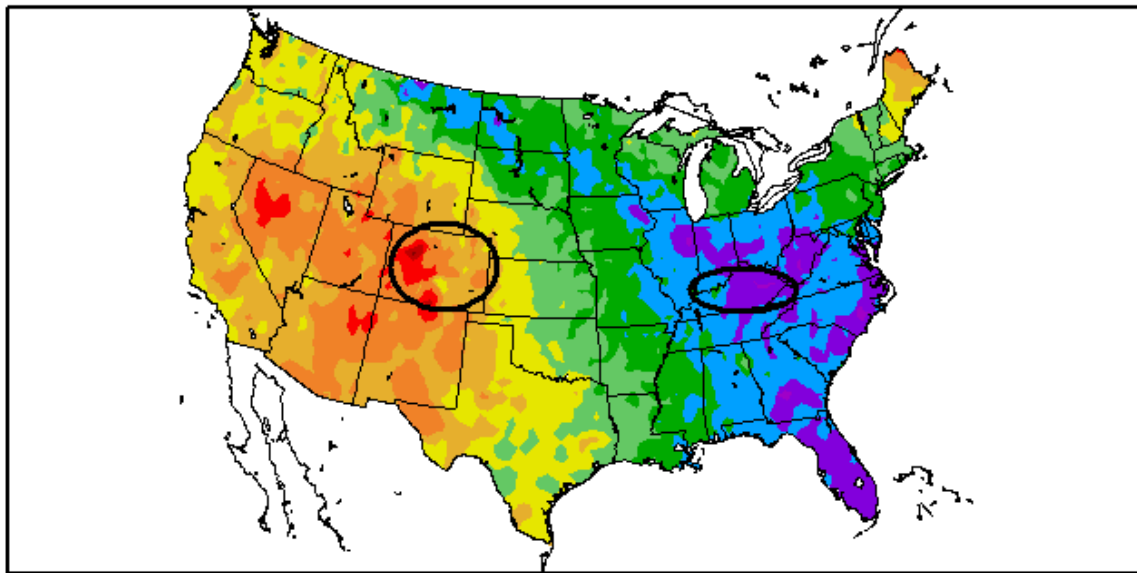


## Outlook

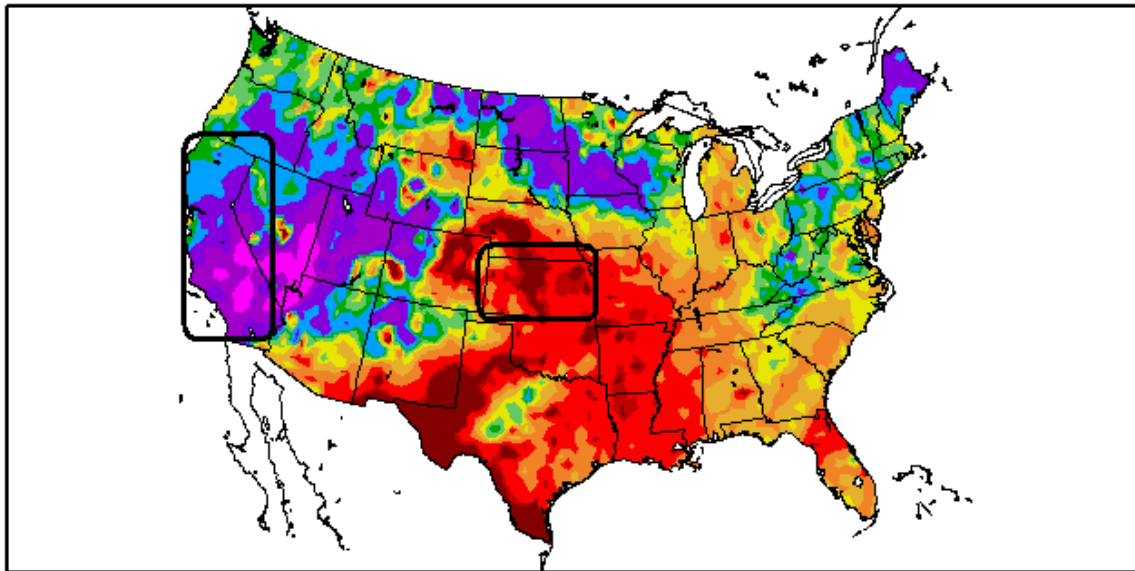
### Experimental Long Range Outlook for Pennsylvania: January 2011 – February 2011

This past December brought a number of significant regional/state anomalies. The maps below show the departures that were selected for the January- February analogs:

Departure from Normal Temperature (F)  
December 2010



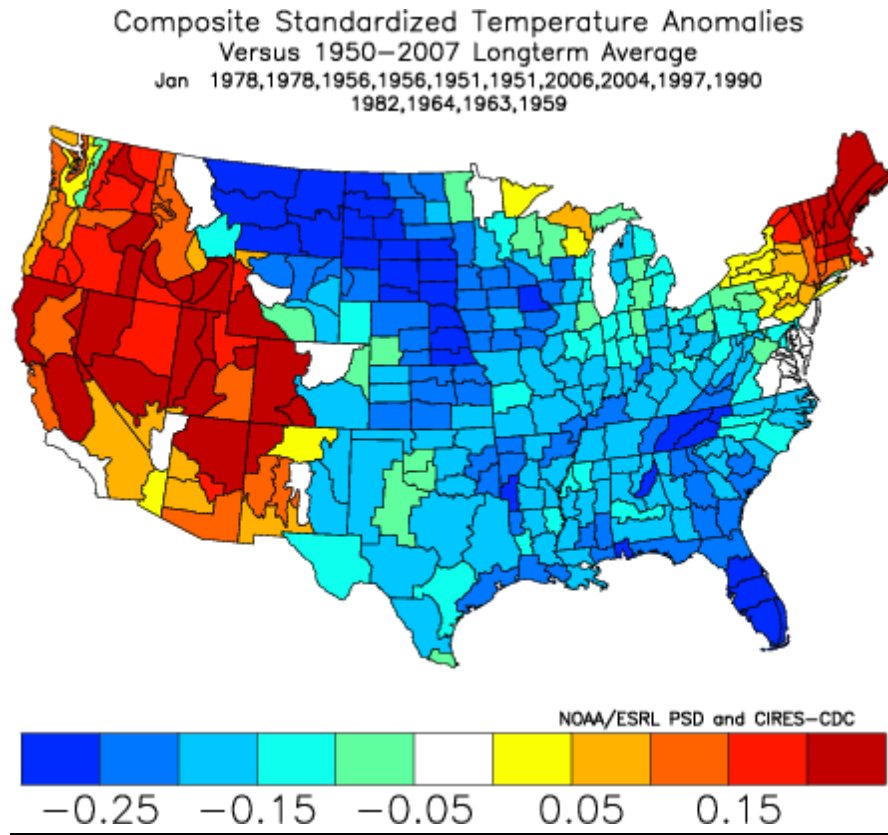
Percent of Normal Precipitation (%)  
December 2010



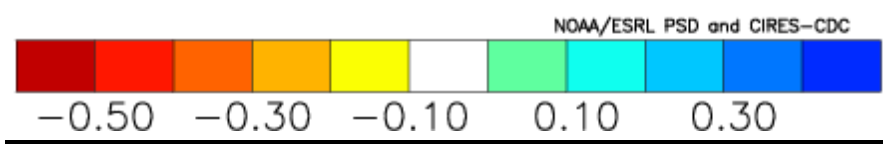
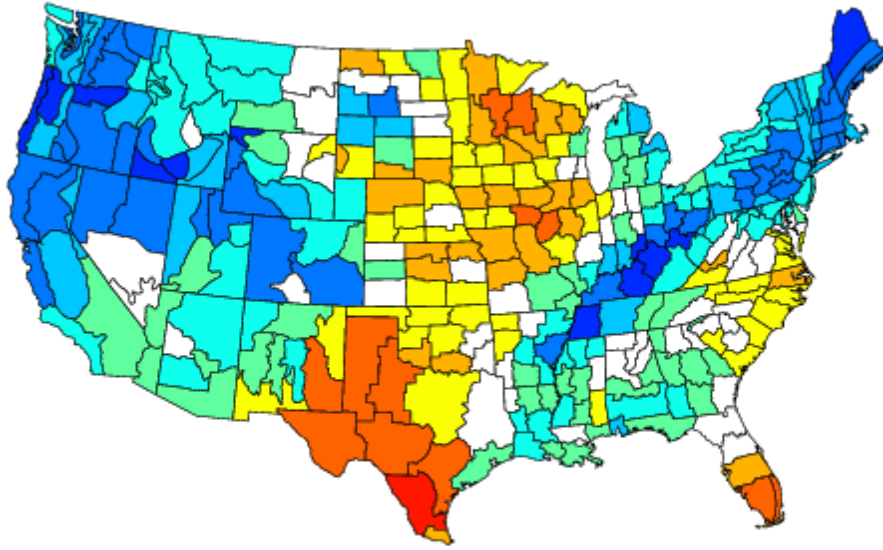
These anomalies were input into the analog-mapper to determine from climate division data which years in the past best match this configuration. The years were:

**1977, 1955, 1950, 2005, 2003, 1996, 1989, 1981, 1963, 1964, 1958**

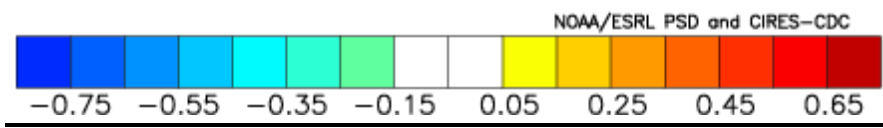
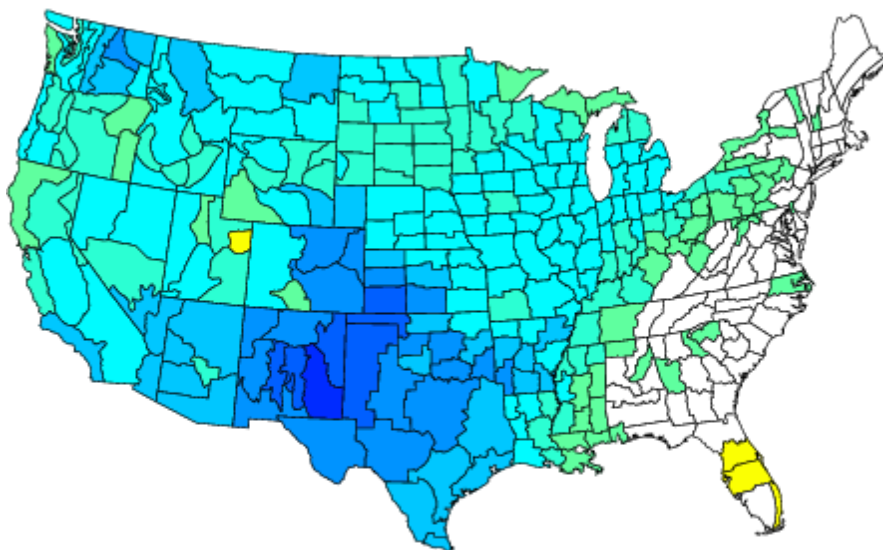
These are composite January and February temperature anomalies in the years that followed:



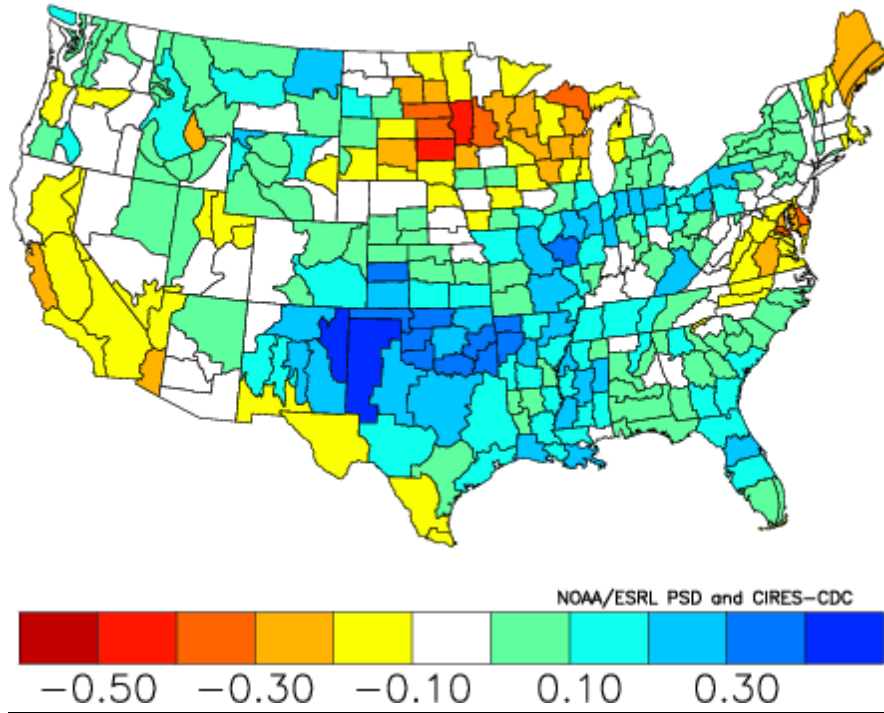
Composite Standardized Precipitation Anomalies  
Versus 1950–2007 Longterm Average  
Jan 1978,1978,1956,1956,1951,1951,2006,2004,1997,1990  
1982,1964,1963,1959



Composite Standardized Temperature Anomalies  
Versus 1950–2007 Longterm Average  
Feb 1978,1978,1956,1956,1951,1951,2006,2004,1997,1990  
1982,1964,1963,1959

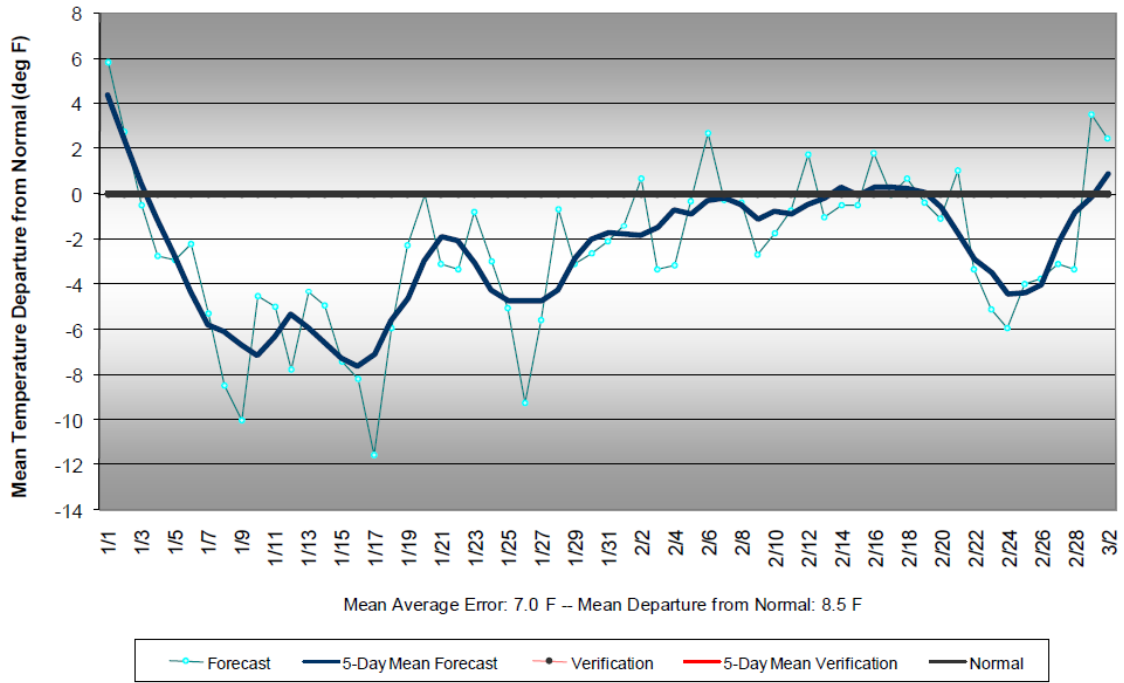


Composite Standardized Precipitation Anomalies  
Versus 1950–2007 Longterm Average  
Feb 1978,1978,1956,1956,1951,1951,2006,2004,1997,1990  
1982,1964,1963,1959

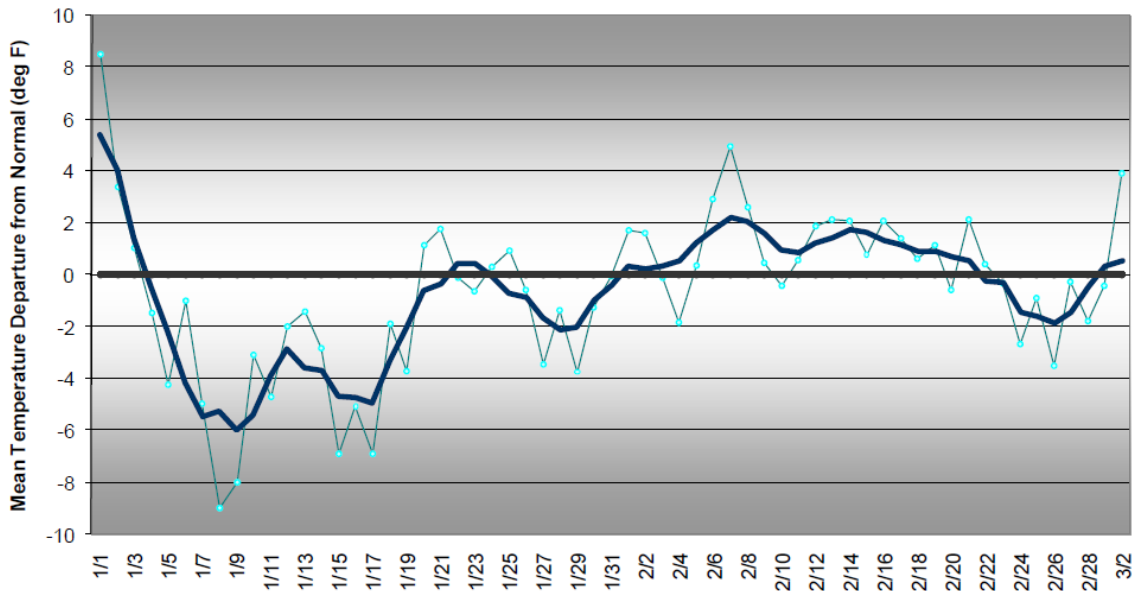


Summary: According to the past years when December has shown anomalies similar to this year, the January and February that followed brought cooler and wetter than average conditions to much of Pennsylvania, though the coldest conditions were in the Plains.

**Western Pennsylvania Temperature Forecast  
January - February 2011**



Central Pennsylvania Temperature Forecast  
January - February 2011



Mean Average Error: 3.8 F -- Mean Departure from Normal: 6.9 F



### Eastern Pennsylvania Temperature Forecast January - February 2011

