

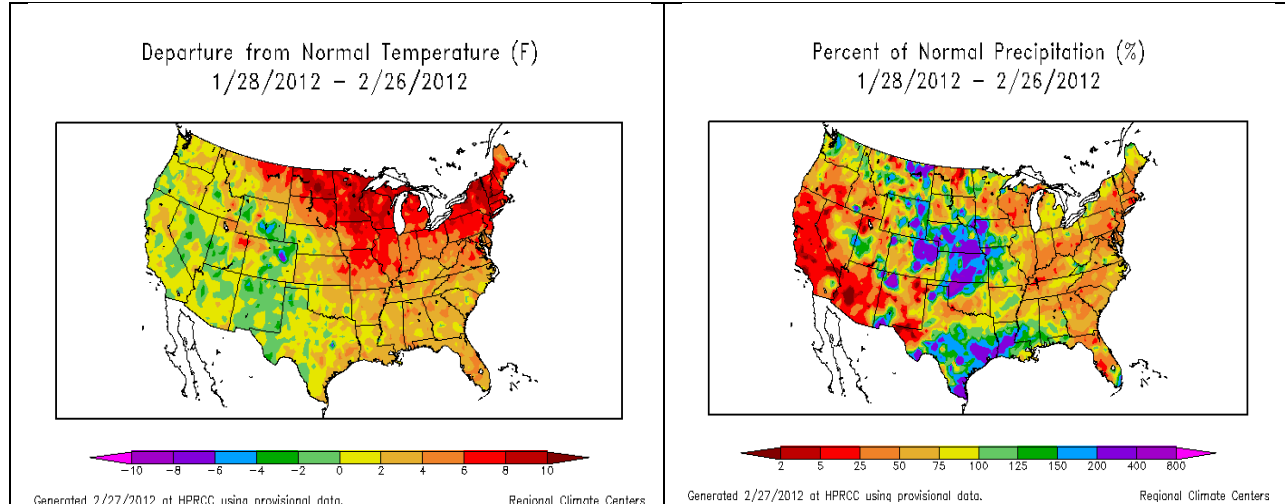
The Pennsylvania Observer



LONG RANGE OUTLOOK

By: Mary Morris

For the month of February, temperatures were much above normal for much of the northern part of the United States, as shown in the figure on the left below. The majority of the remainder of the country had at least slightly warmer-than-normal temperatures, with the exception being the intermountain west and along the Pacific coast where temperatures were close to normal. Precipitation was much below normal in the Southwest as well as over much of the eastern part of the country. The Midwest and the Gulf Coast experienced much above normal precipitation for the month of February.

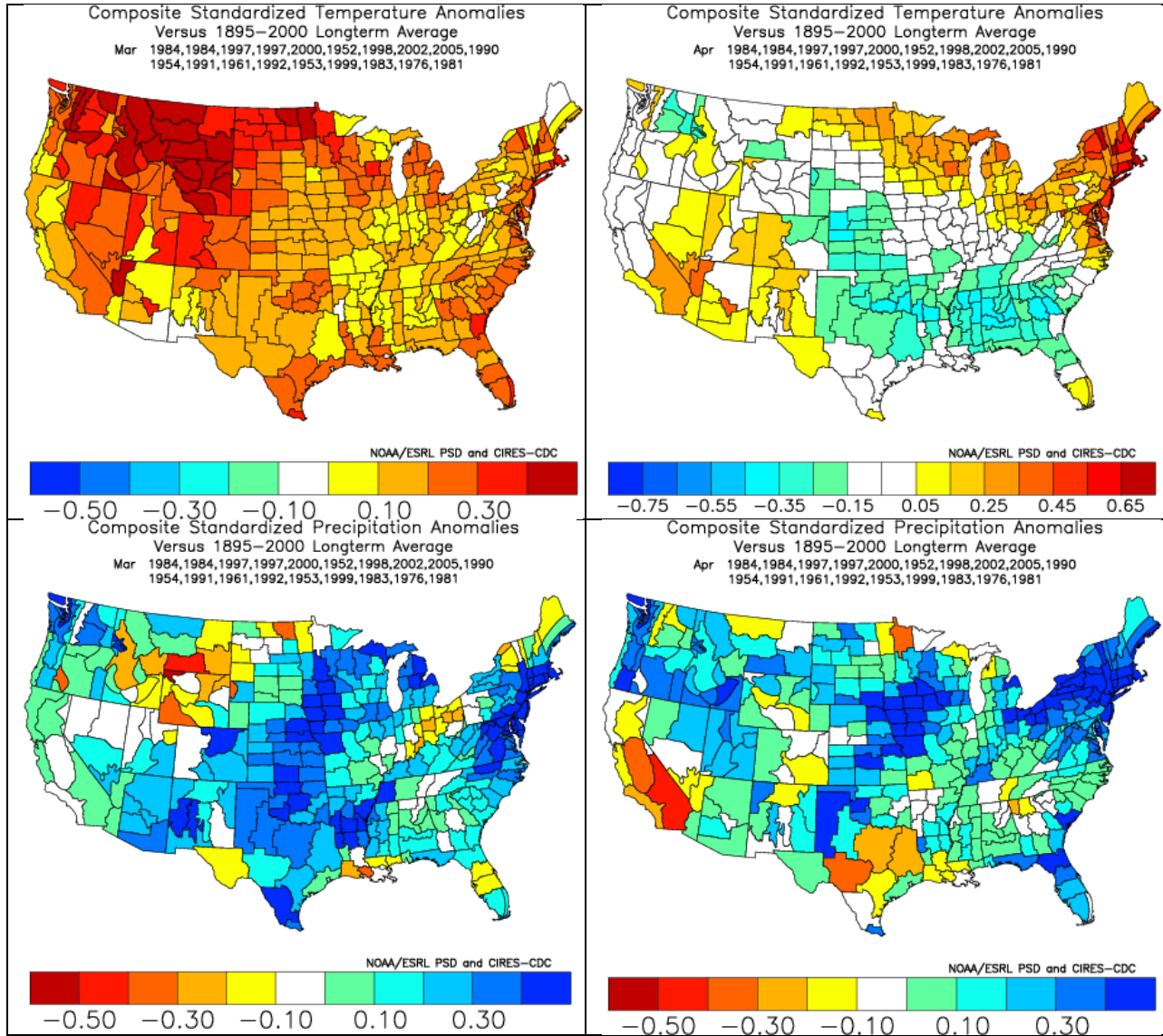


Given these precipitation and temperature patterns, the following is a list of years in which conditions were analogous to 2012:

Year 1915 matches 22.22% Anom Regions 79.07% Climate Divs
Year 1984 matches 22.22% Anom Regions 77.33% Climate Divs
Year 1997 matches 44.44% Anom Regions 73.84% Climate Divs

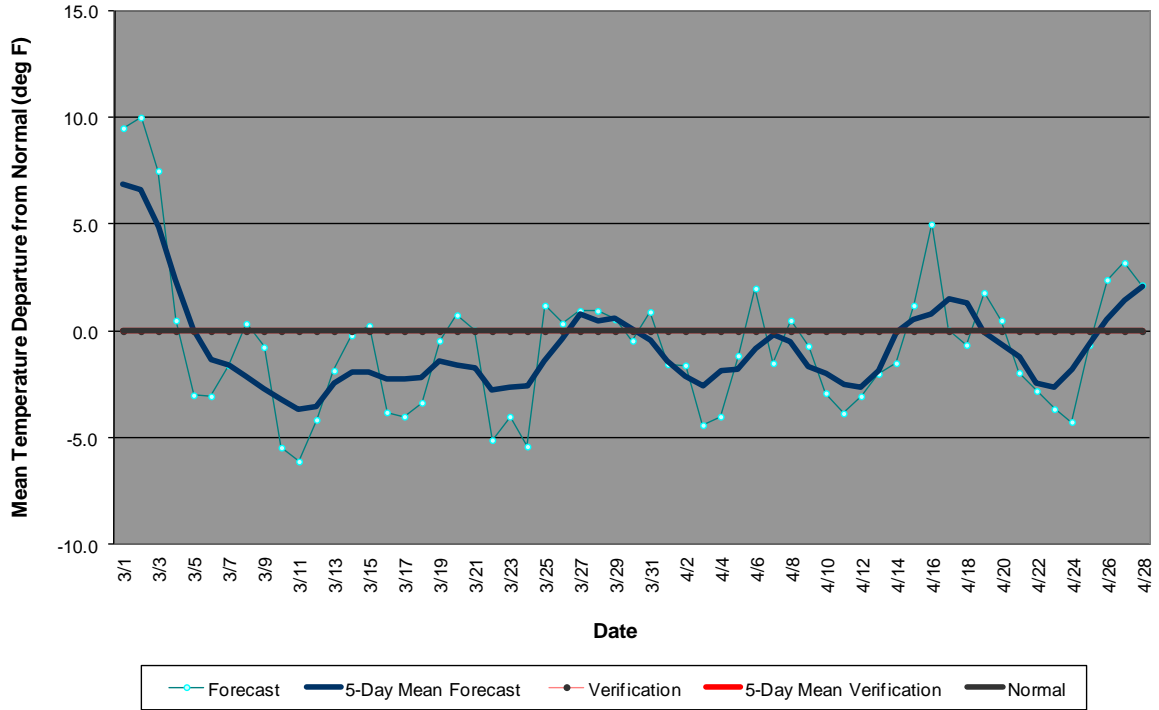
Year 2000 matches 22.22% Anom Regions 73.26% Climate Divs
Year 1952 matches 33.33% Anom Regions 72.67% Climate Divs
Year 1998 matches 22.22% Anom Regions 72.09% Climate Divs
Year 2002 matches 22.22% Anom Regions 70.93% Climate Divs
Year 2005 matches 33.33% Anom Regions 68.60% Climate Divs
Year 1990 matches 22.22% Anom Regions 68.60% Climate Divs
Year 1954 matches 11.11% Anom Regions 68.60% Climate Divs
Year 1991 matches 22.22% Anom Regions 68.02% Climate Divs
Year 1961 matches 33.33% Anom Regions 67.44% Climate Divs
Year 1992 matches 22.22% Anom Regions 67.44% Climate Divs
Year 1953 matches 33.33% Anom Regions 66.86% Climate Divs
Year 1999 matches 22.22% Anom Regions 66.86% Climate Divs
Year 1983 matches 22.22% Anom Regions 65.70% Climate Divs
Year 1930 matches 22.22% Anom Regions 63.95% Climate Divs
Year 1921 matches 22.22% Anom Regions 62.21% Climate Divs
Year 1976 matches 11.11% Anom Regions 62.21% Climate Divs
Year 1927 matches 22.22% Anom Regions 59.88% Climate Divs
Year 1925 matches 22.22% Anom Regions 56.98% Climate Divs
Year 1981 matches 11.11% Anom Regions 56.98% Climate Divs
Year 1987 matches 33.33% Anom Regions 55.81% Climate Divs
Year 1931 matches 11.11% Anom Regions 55.81% Climate Divs

The following are the composite March and April temperature and precipitation anomalies for those years with a similar February anomaly:

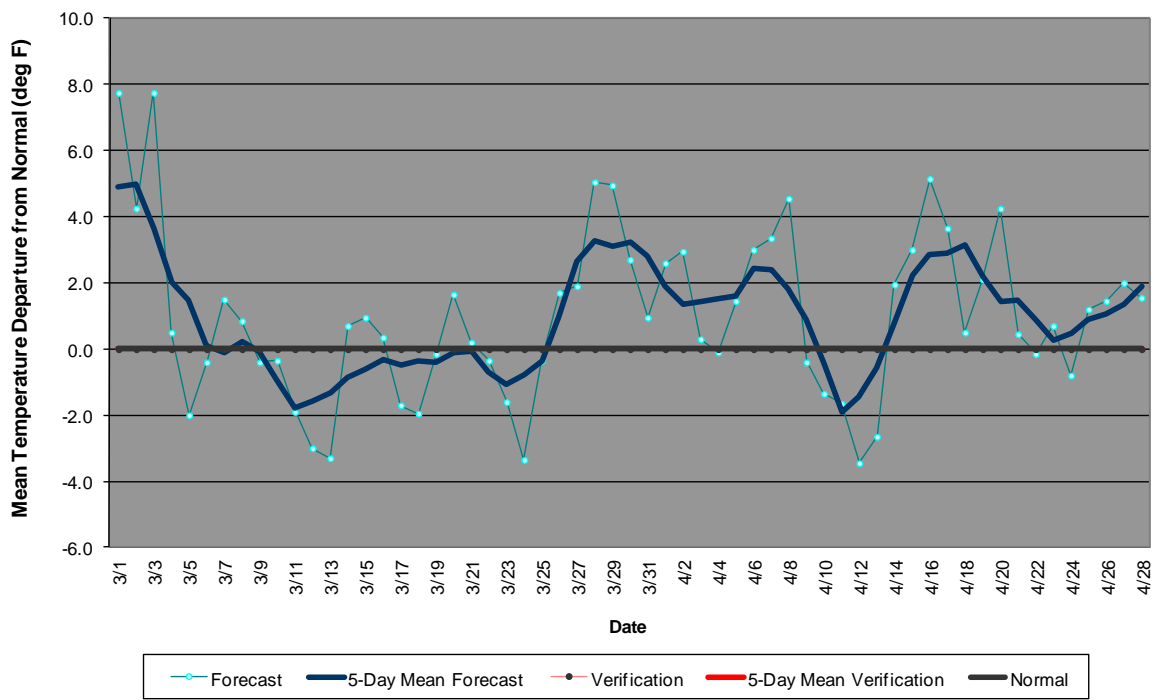


The next three graphs will show the expected daily departures of temperature for the 61 days from March 1st through April 30th for three regions of PA.

Western Pennsylvania Temperature Forecast March - April 2010



Central Pennsylvania Temperature Forecast March - April 2010



Eastern Pennsylvania Temperature Forecast March - April 2010

