

The Pennsylvania Observer

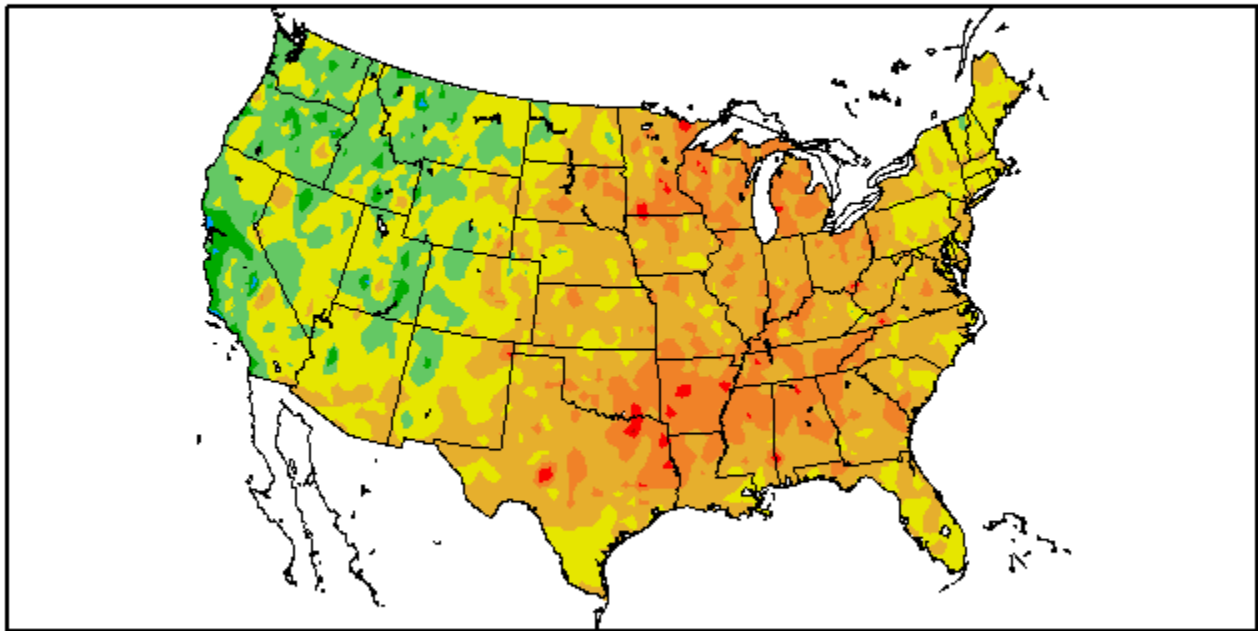


Outlook

Experimental Long Range Forecast for September – October 2010 in Pennsylvania

By: Nick Vita

Departure from Normal Temperature (F)
8/1/2010 – 8/31/2010

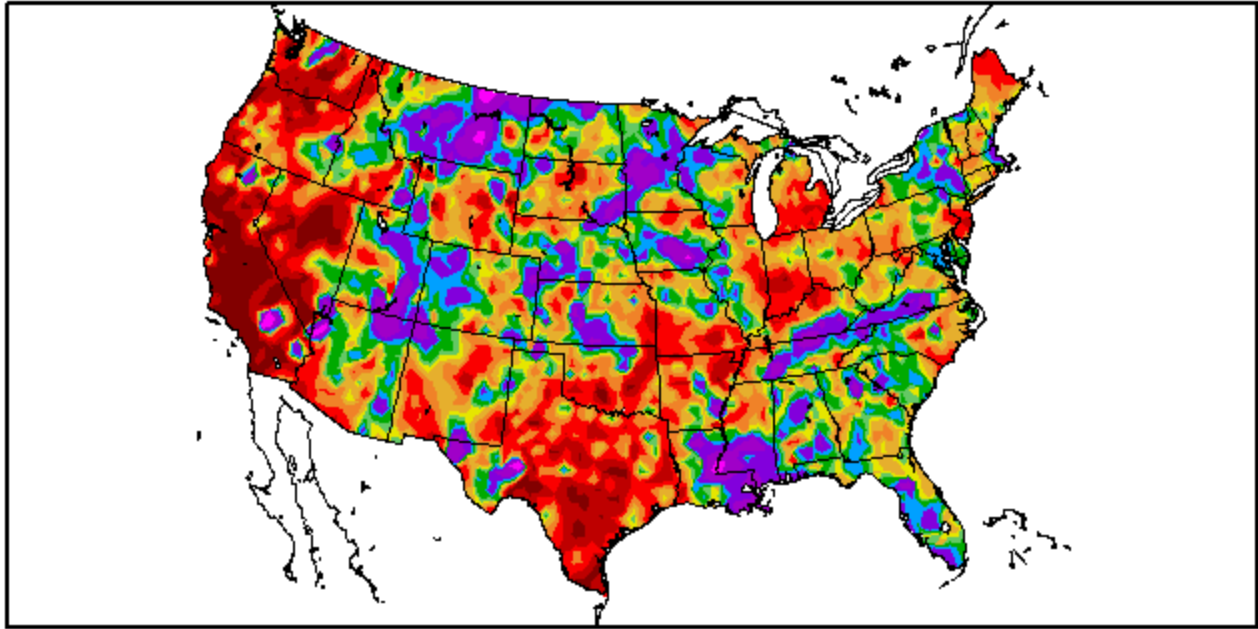


Generated 9/1/2010 at HPRCC using provisional data.

Regional Climate Centers

The Eastern half of the nation felt the warmth of above average temperatures during the month of August, while areas in the West felt the chill of below normal temperatures.

Percent of Normal Precipitation (%)
8/1/2010 – 8/31/2010



Generated 9/1/2010 at HPRCC using provisional data.

Regional Climate Centers

It was a dry month for areas along the Pacific Coast as well as southern Texas. Ames, Iowa felt the effects of above average precipitation with a total of 15.55 inches for the month of August, a departure of 11.22 inches above normal.

By reviewing the anomalous regions of temperature and precipitation during August 2010, the following years were found to match this configuration:

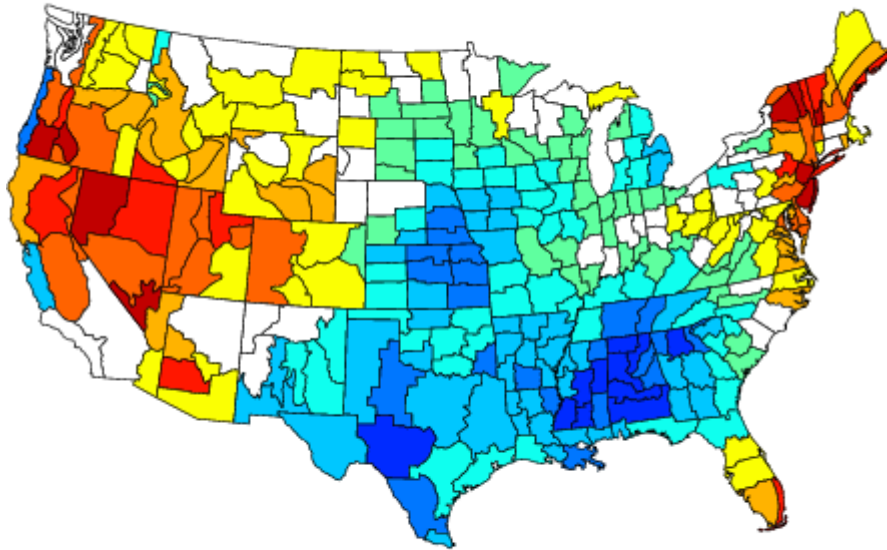
1975, 1977, 1992, 1985, 1942, 2008, 2005, 1932, 1960, 1967

Here are the composite temperatures for September and October in years following similar August conditions to 2010:

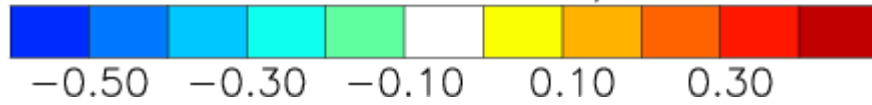
Composite Standardized Temperature Anomalies

Sep 1975,1977,1992,1985,1942,2008,2005,1932,1960,1967

Versus 1895–2000 Longterm Average



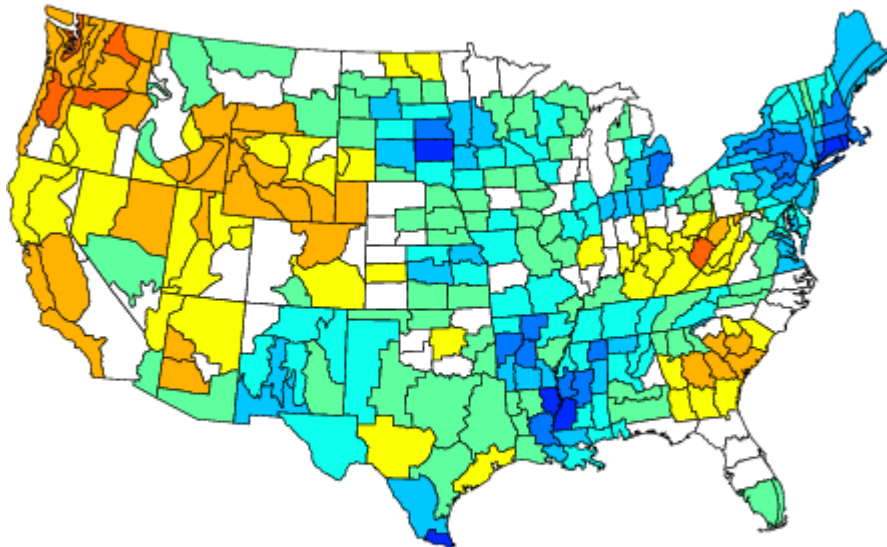
NOAA/ESRL PSD and CIRES-CDC



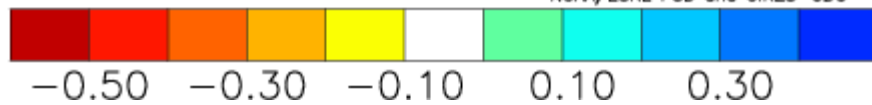
Composite Standardized Precipitation Anomalies

Sep 1975,1977,1992,1985,1942,2008,2005,1932,1960,1967

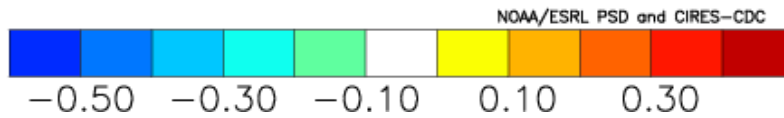
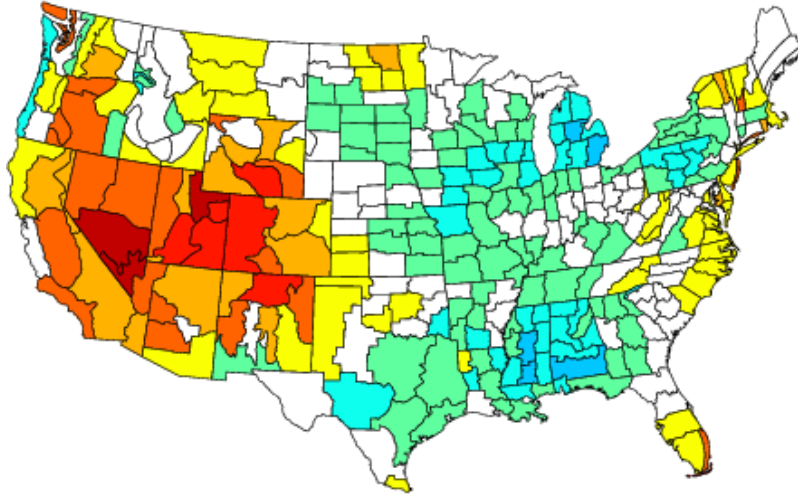
Versus 1895–2000 Longterm Average



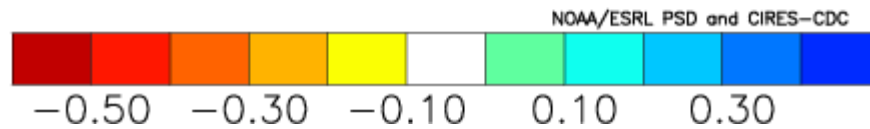
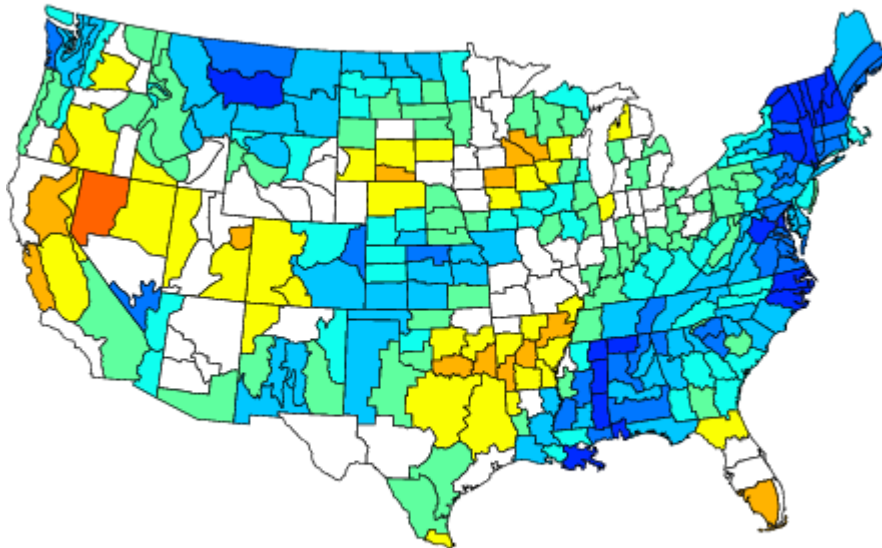
NOAA/ESRL PSD and CIRES-CDC



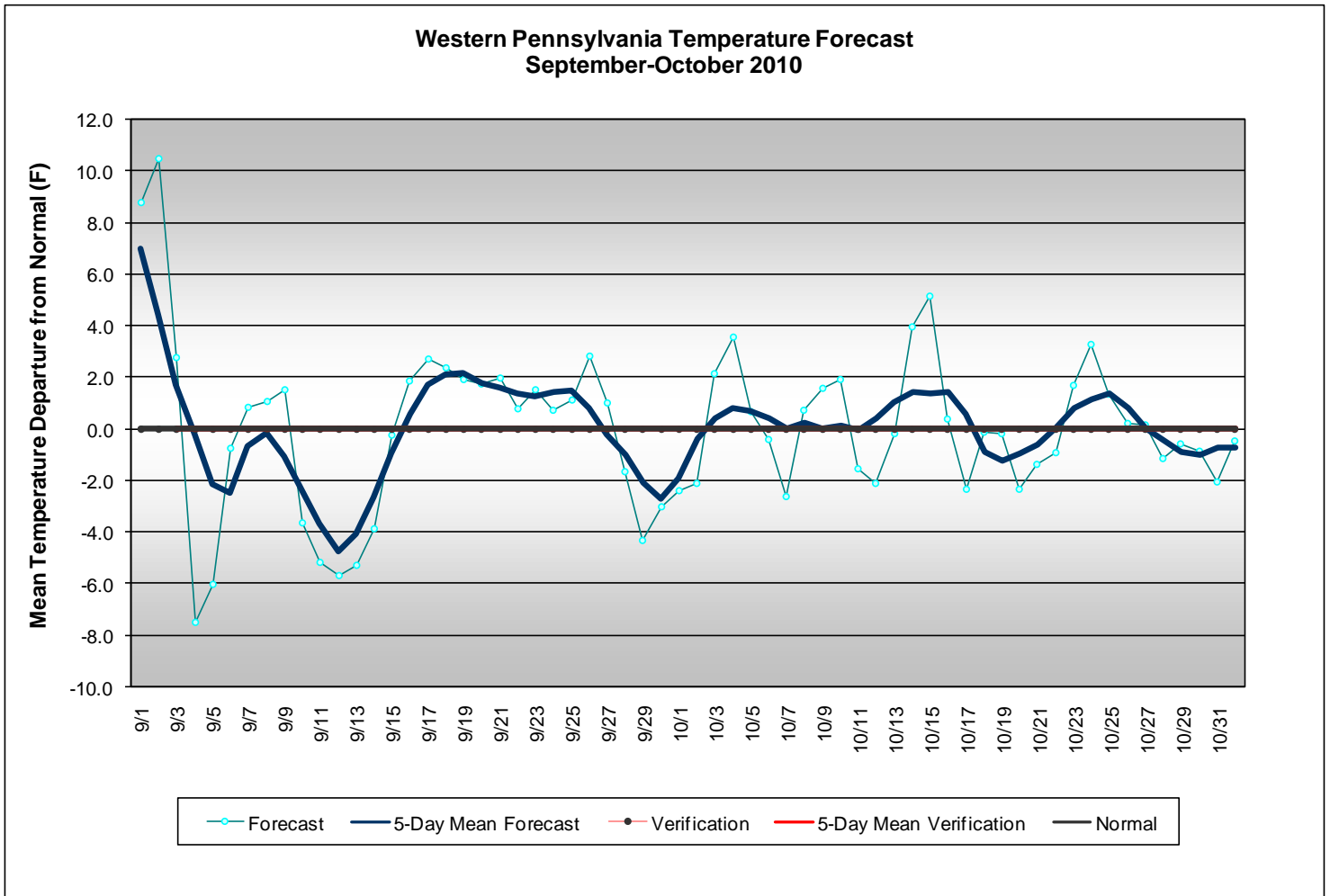
Composite Standardized Temperature Anomalies
Oct 1975,1977,1992,1985,1942,2008,2005,1932,1960,1967
Versus 1895–2000 Longterm Average



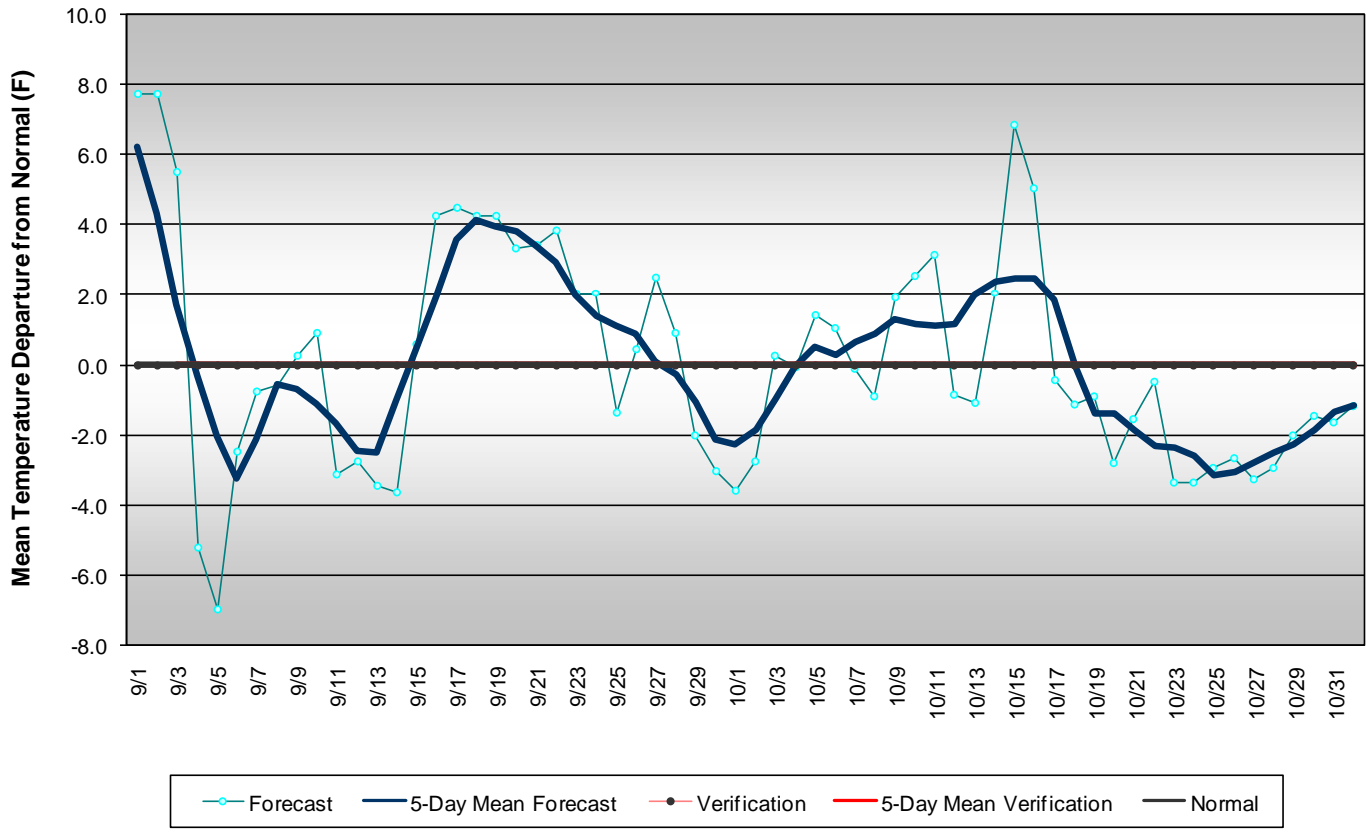
Composite Standardized Precipitation Anomalies
Oct 1975,1977,1992,1985,1942,2008,2005,1932,1960,1967
Versus 1895–2000 Longterm Average



Applying those same analog years produced the following daily departures from normal for three regions of Pennsylvania for the period from September 1 – October 31.



Central Pennsylvania Temperature Forecast September-October 2010



Eastern Pennsylvania Temperature Forecast September-October 2010

