

The Pennsylvania Observer



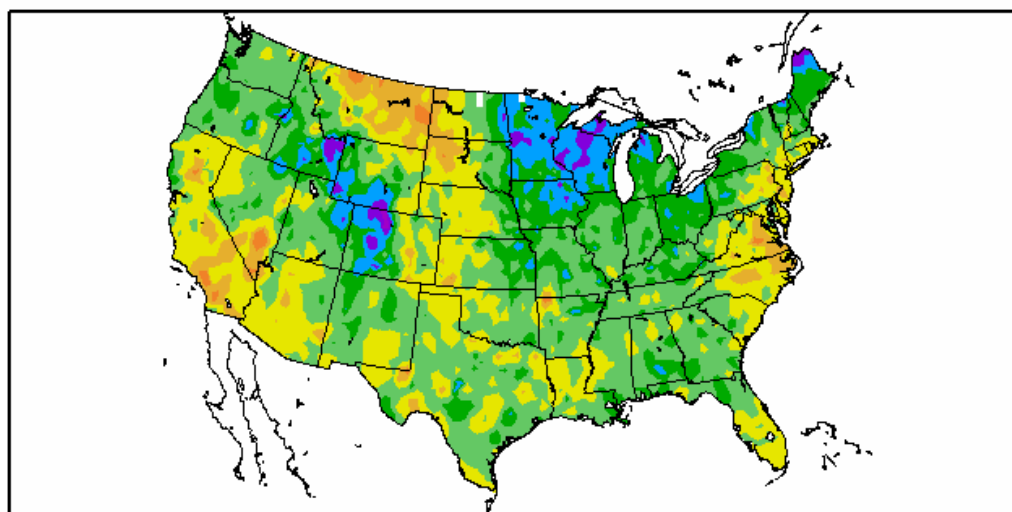
Outlook

Experimental Long Range Outlook for Pennsylvania: April – May 2008

The basis of this analog prediction scheme uses the notable temperature and precipitation anomaly from the last 30 days (or so) and in a ‘fuzzy’ way – that is setting all anomalies to +/- 0.5 standard deviations from the long-term mean – and matches these patterns to the climate division anomalies from 1895- present. The best matched years are selected (using a dozen or less) and these are used to produce the composite anomalies for the next two months and the years are used to create a composite daily anomaly for three regions of Pennsylvania.

Here are the anomalies for March, 2008:

Departure from Normal Temperature (F)
3/1/2008 – 3/26/2008

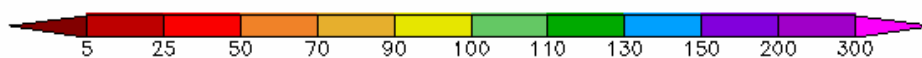
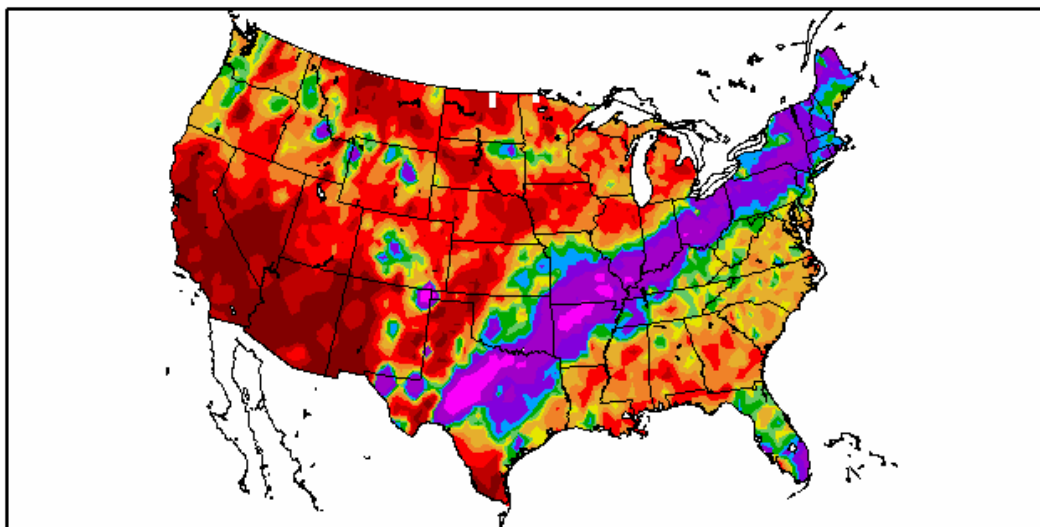


Generated 3/27/2008 at HPRCC using provisional data.

NOAA Regional Climate Centers

The notable anomalies that were used in the climate division matching program are:
Very chilly in the northern Plains to Great Lakes and central Rockies; very mild in Middle Atlantic coast and southern California.

Percent of Normal Precipitation (%)
3/1/2008 - 3/26/2008



Generated 3/27/2008 at HPRCC using provisional data.

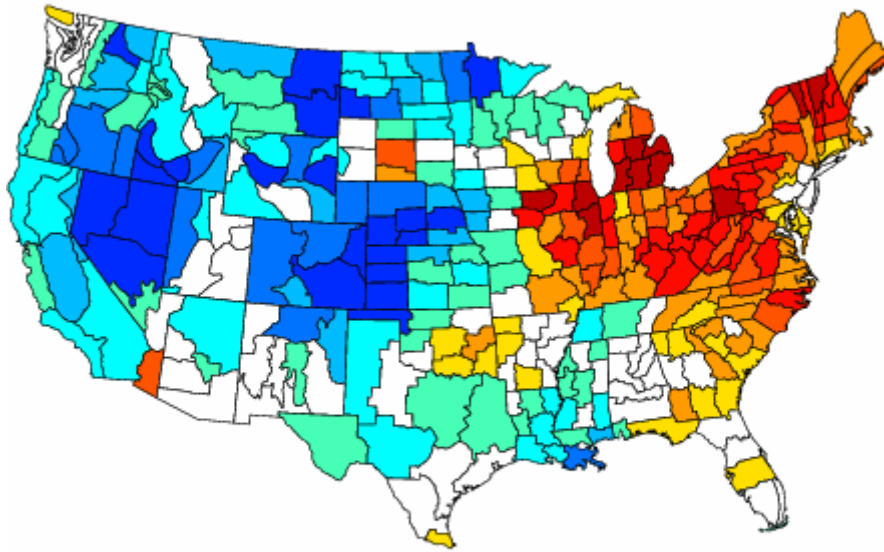
NOAA Regional Climate Centers

The notable anomalies used to match the precipitation pattern are:
Very dry throughout the Southwest, a moist corridor from central Texas to New England and quite dry from southern Louisiana to Georgia.

The following years were matched:
1896, 1899, 1900, 1906, 1912, 1913, 1916, 1932, 1940, 1944 and 1982.

Below are the composite departures for those years for April and May.

Composite Standardized Precipitation Anomalies
Versus 1895–2000 Longterm Average
Apr 1896,1899,1900,1906,1912,1913,1916,1932,1940,1944
1982

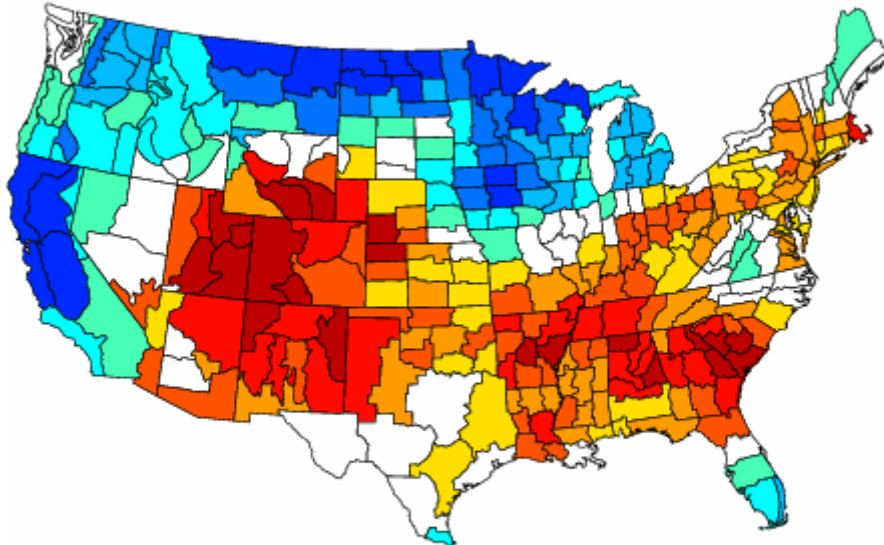


NOAA/ESRL PSD and CIRES-CDC



-0.25 -0.15 -0.05 0.05 0.15 0.25
Composite Standardized Precipitation Anomalies

Versus 1895–2000 Longterm Average
May 1896,1899,1900,1906,1912,1913,1916,1932,1940,1944
1982

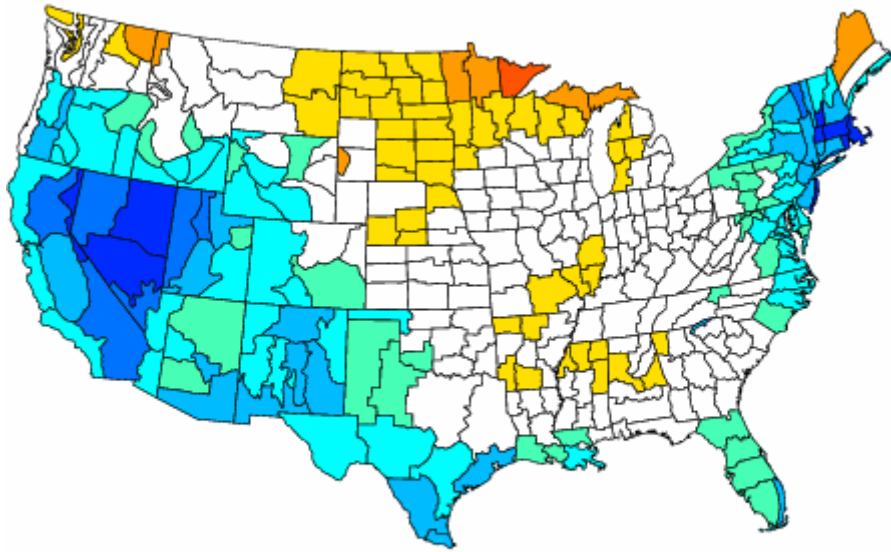


NOAA/ESRL PSD and CIRES-CDC



-0.25 -0.15 -0.05 0.05 0.15 0.25

Composite Standardized Temperature Anomalies
Versus 1895–2000 Longterm Average
Apr 1896,1899,1900,1906,1912,1913,1916,1932,1940,1944
1982



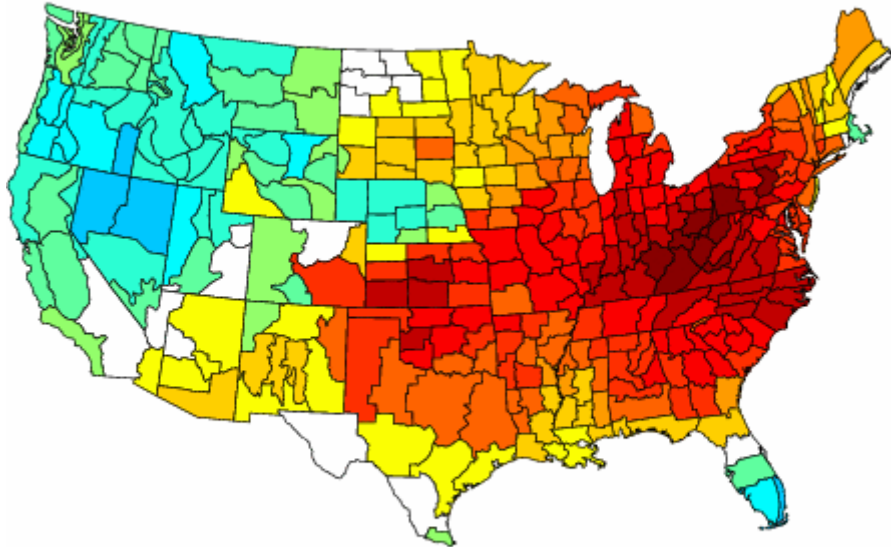
NOAA/ESRL PSD and CIRES-CDC



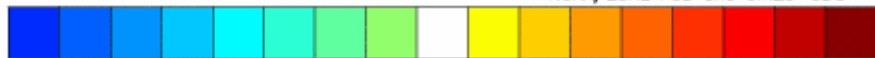
-0.50 -0.30 -0.10 0.10 0.30 0.50

Composite Standardized Temperature Anomalies
Versus 1895–2000 Longterm Average

May 1896,1899,1900,1906,1912,1913,1916,1932,1940,1944
1982

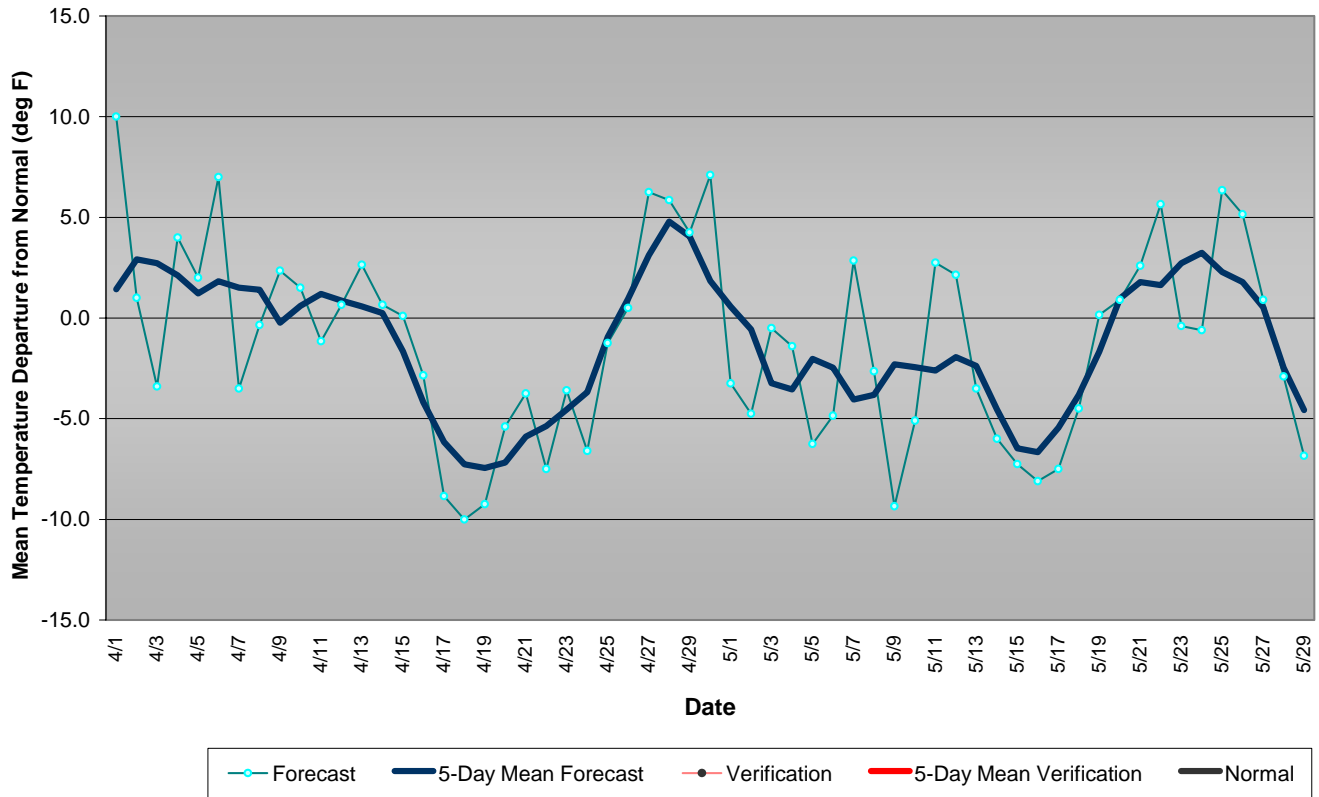


NOAA/ESRL PSD and CIRES-CDC

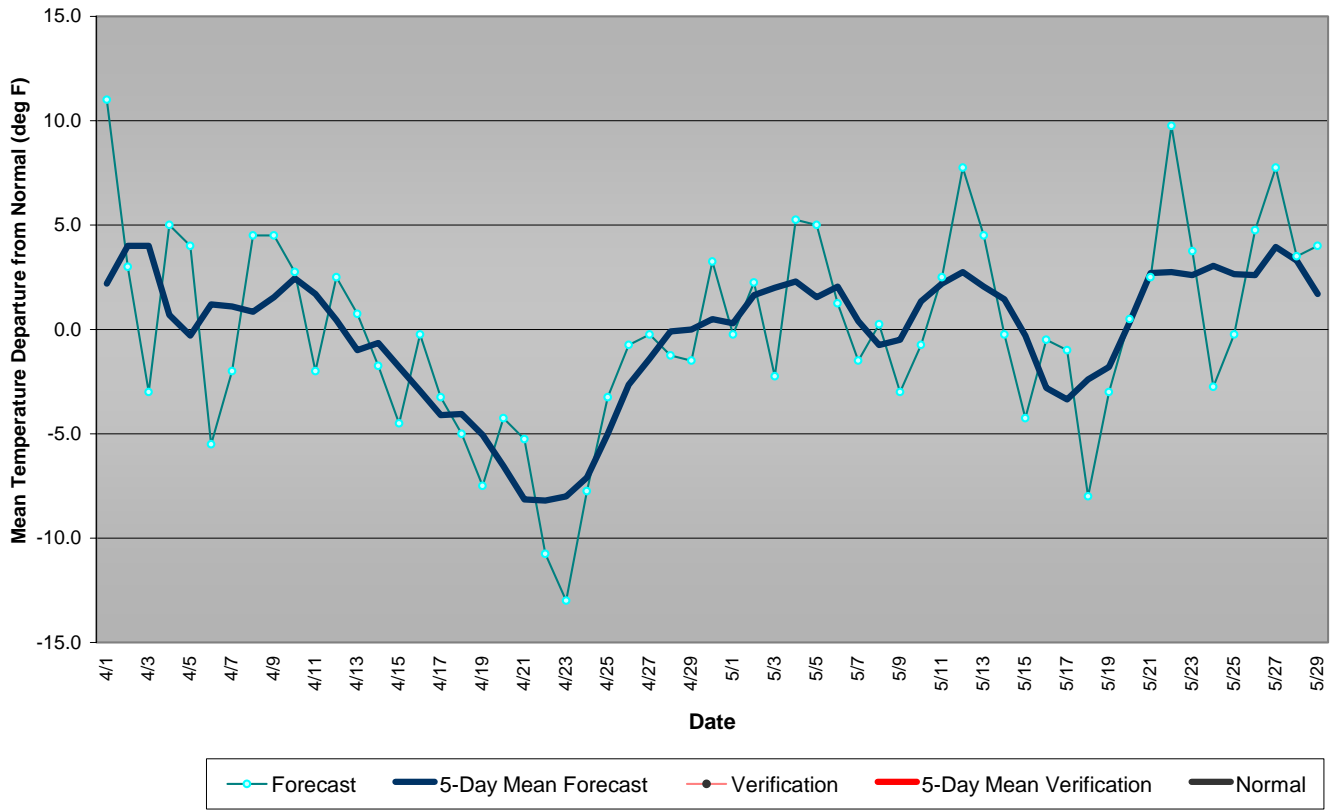


-0.75 -0.55 -0.35 -0.15 0.05 0.25 0.45 0.65

Western Pennsylvania Temperature Forecast April-May 2008



Central Pennsylvania Temperature Forecast April-May 2008



Eastern Pennsylvania Temperature Forecast April-May 2008

