

The Pennsylvania Observer



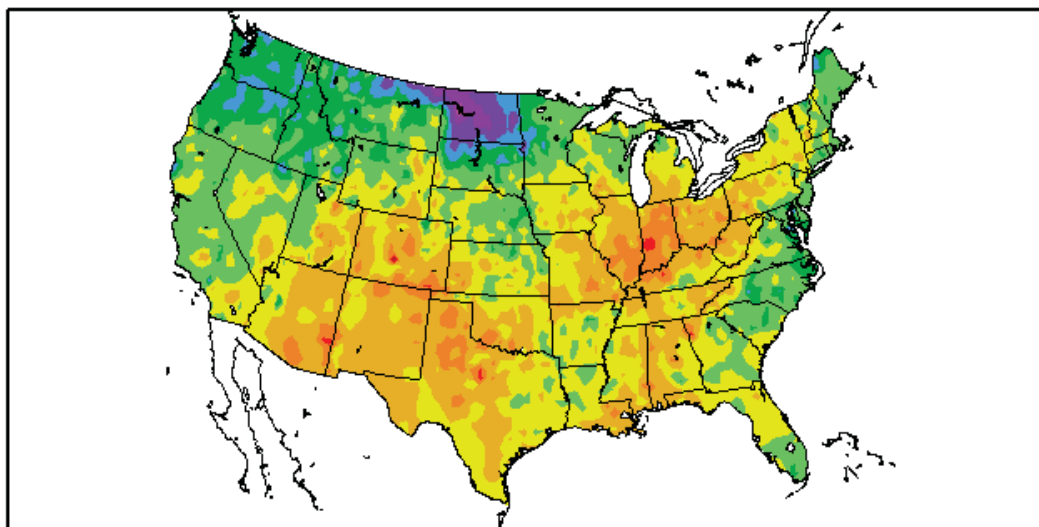
Outlook

Experimental Long Range Outlook for Pennsylvania: April – May 2009

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, 2009:

Departure from Normal Temperature (F)
3/1/2009 – 3/29/2009

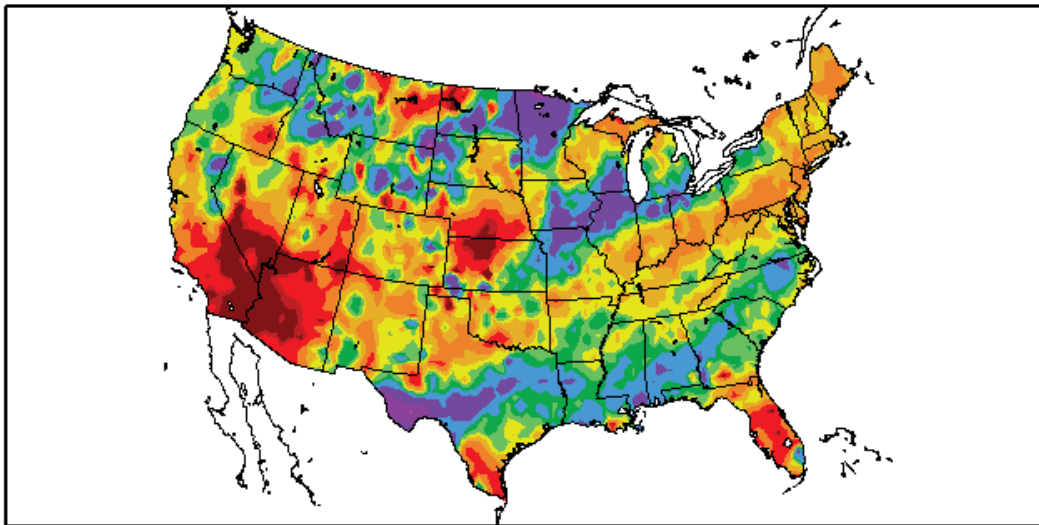


Generated 3/30/2009 at HPRCC using provisional data.

NOAA Regional Climate Centers

Notable anomalies during the month of March include unseasonable warmth throughout the Ohio River Valley and the Southwestern states and much below average temperatures in the Dakotas.

Percent of Normal Precipitation (%)
3/1/2009 - 3/29/2009



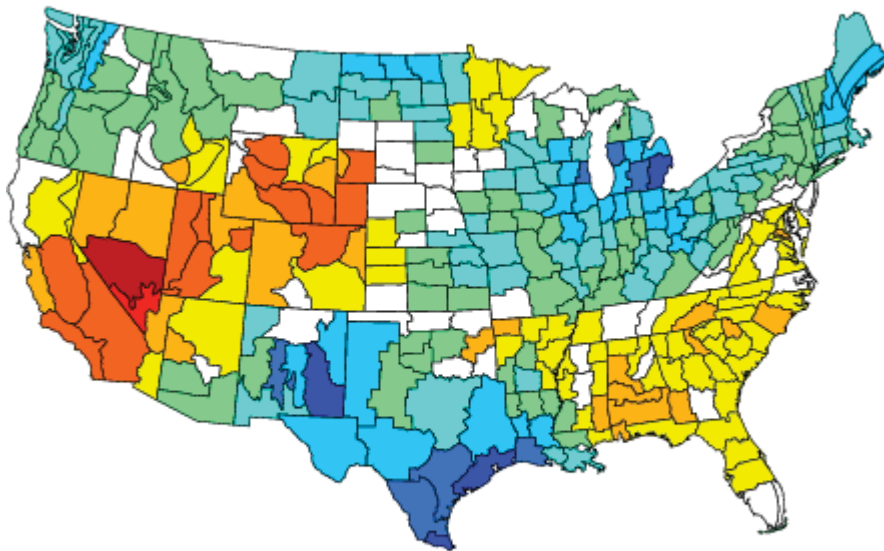
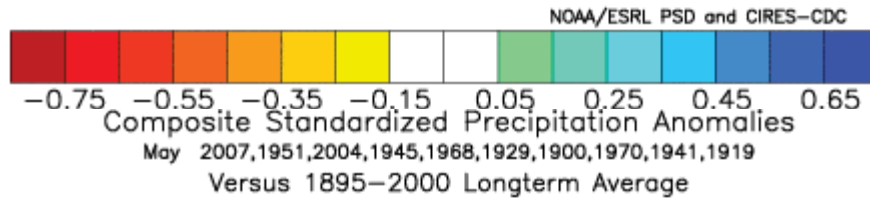
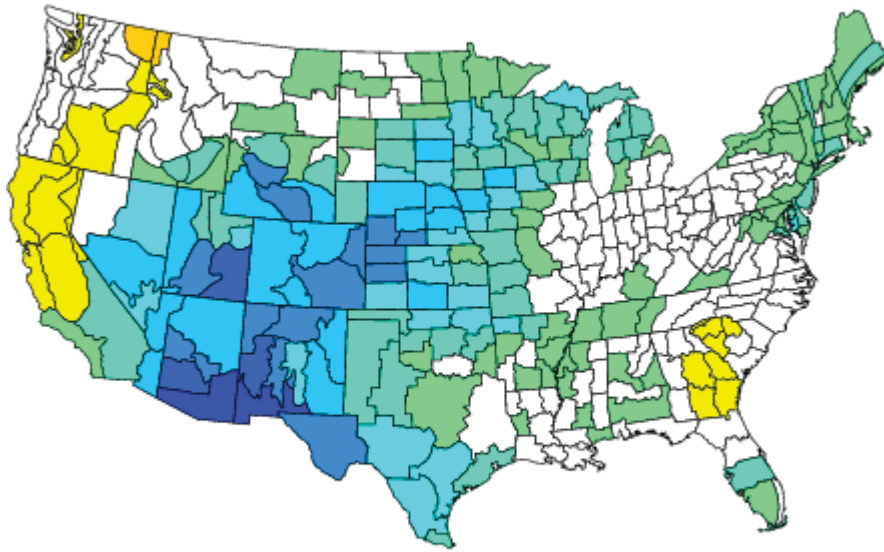
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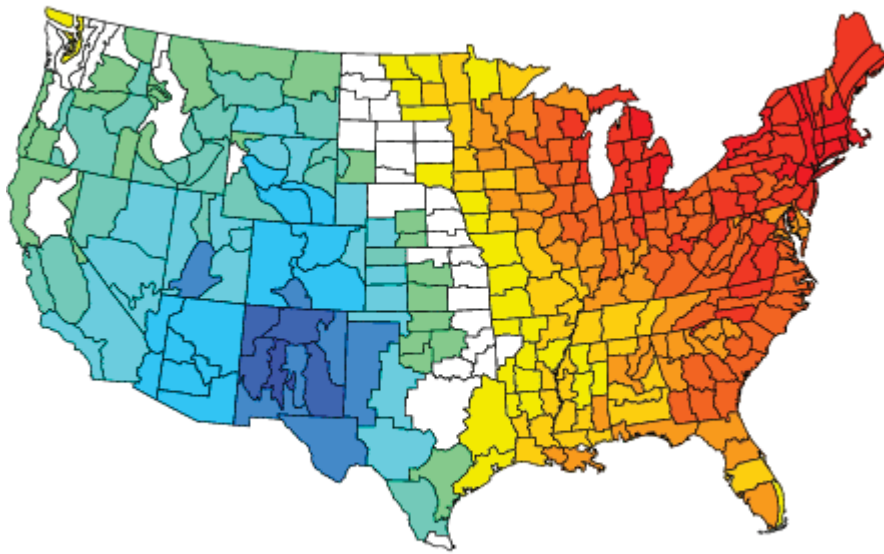
The Southwest experienced a very dry March, but a late season blizzard kept precipitation in the Dakotas and Minnesota above normal. Also notable are the dry conditions that dominated most of Pennsylvania during the period.

The following years were matched:
1900, 1919, 1929, 1941, 1945, 1951, 1968, 1970, 2004, 2007
Below are the composite departures for those years for April and May.

Composite Standardized Precipitation Anomalies
Apr 2007, 1951, 2004, 1945, 1968, 1929, 1900, 1970, 1941, 1919
Versus 1895–2000 Longterm Average



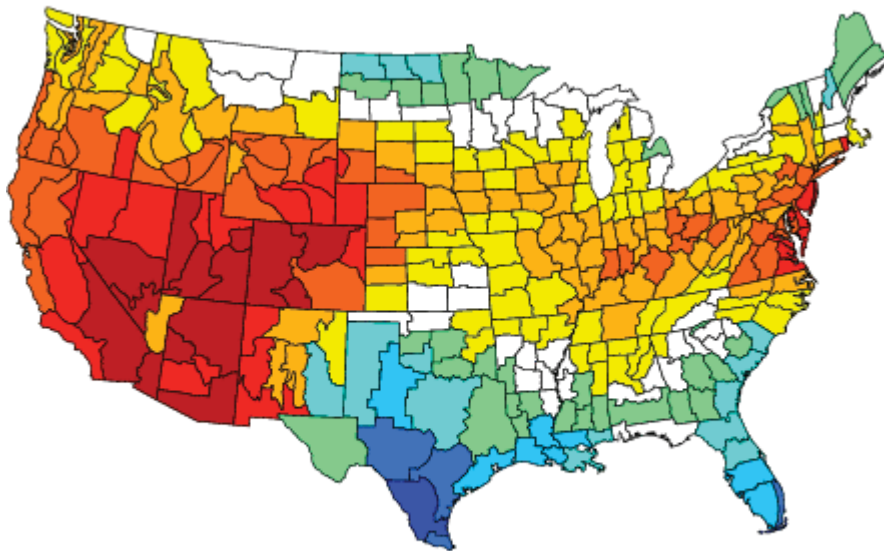
Composite Standardized Temperature Anomalies
Apr 2007,1951,2004,1945,1968,1929,1900,1970,1941,1919
Versus 1895–2000 Longterm Average



NOAA/ESRL PSD and CIRES-CDC



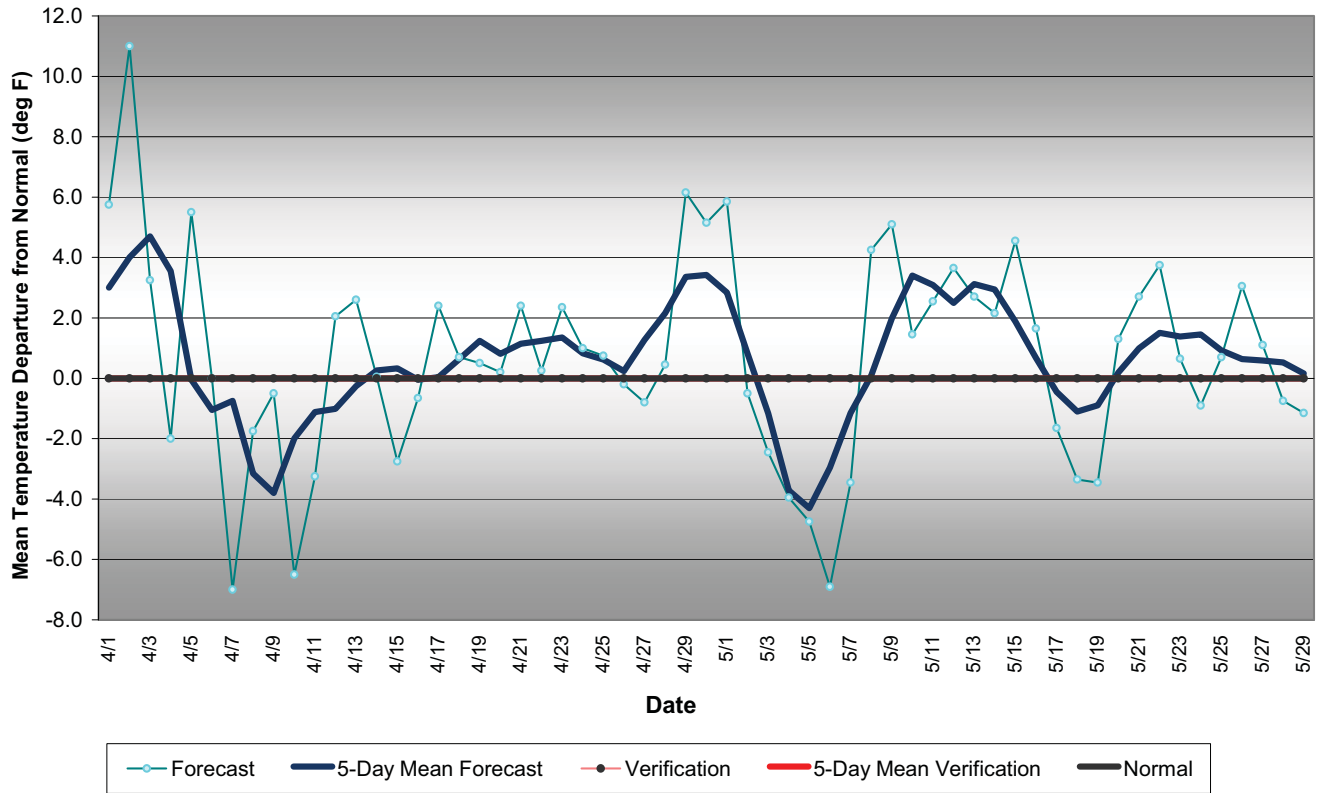
Composite Standardized Temperature Anomalies
May 2007,1951,2004,1945,1968,1929,1900,1970,1941,1919
Versus 1895–2000 Longterm Average



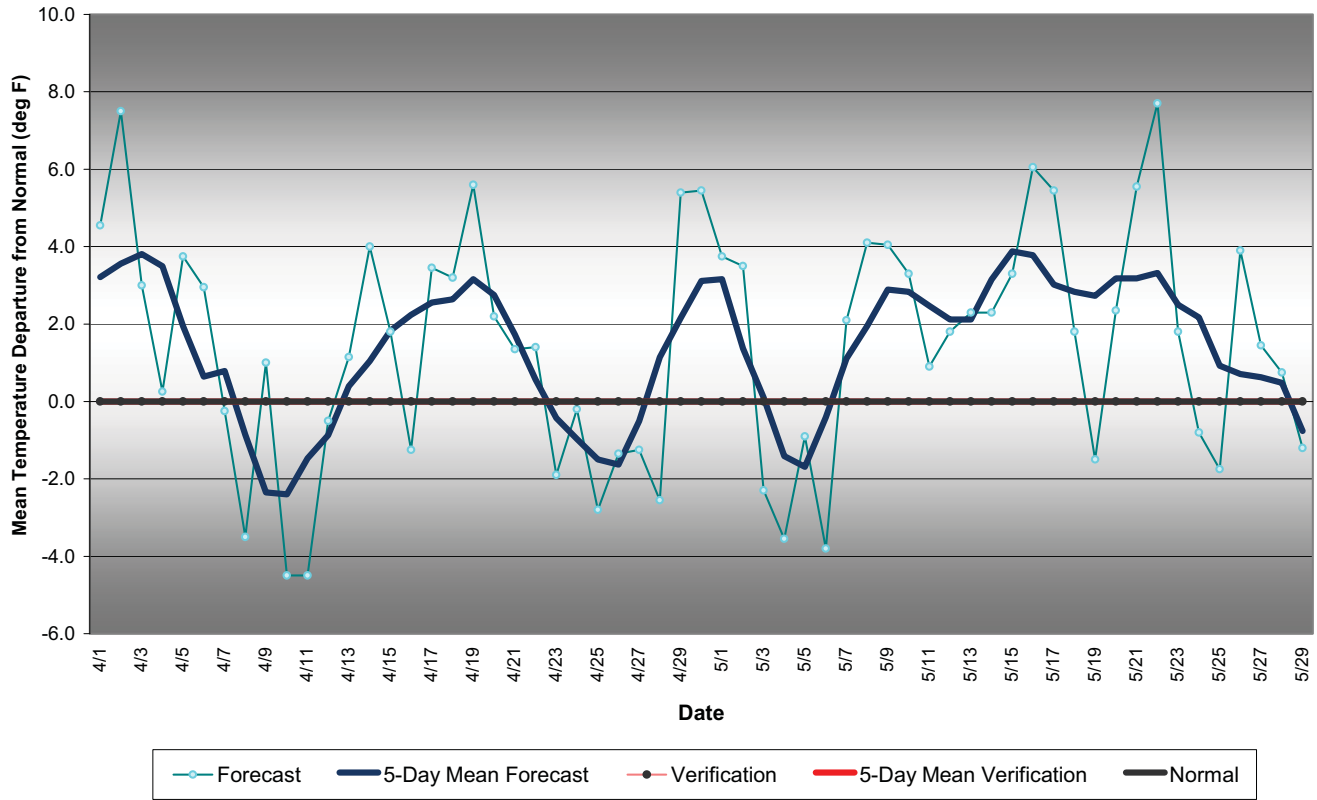
NOAA/ESRL PSD and CIRES-CDC



Western Pennsylvania Temperature Forecast April-May 2009



Central Pennsylvania Temperature Forecast April-May 2009



Eastern Pennsylvania Temperature Forecast April-May 2009

