

The Pennsylvania Observer



Outlook

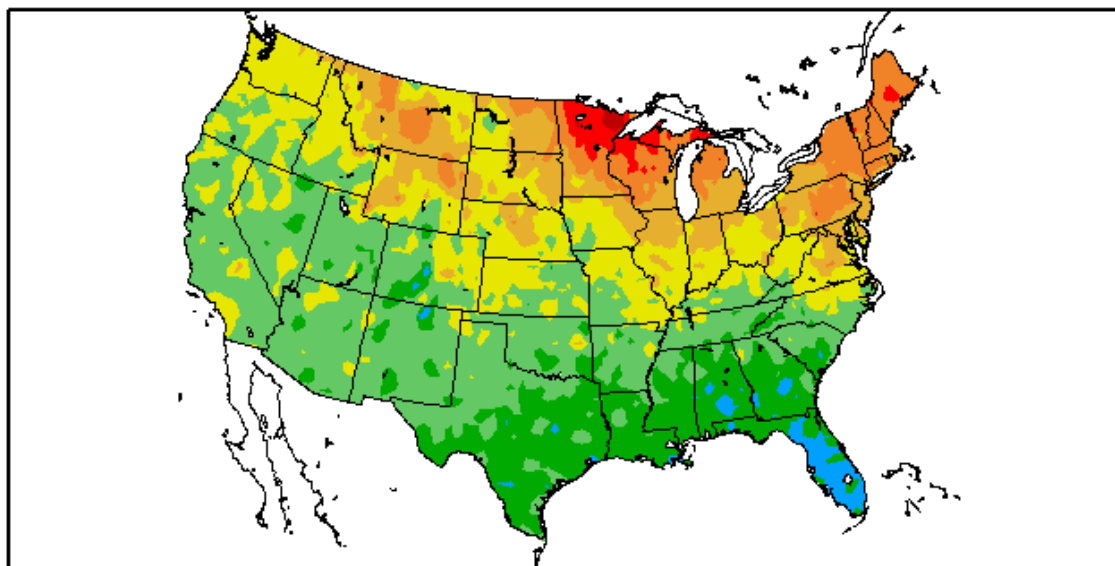
Experimental Long Range Outlook for Pennsylvania: April – May 2010

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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.

Departure from Normal Temperature (F)

3/1/2010 – 3/31/2010

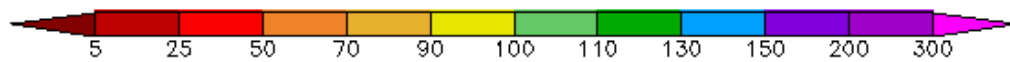
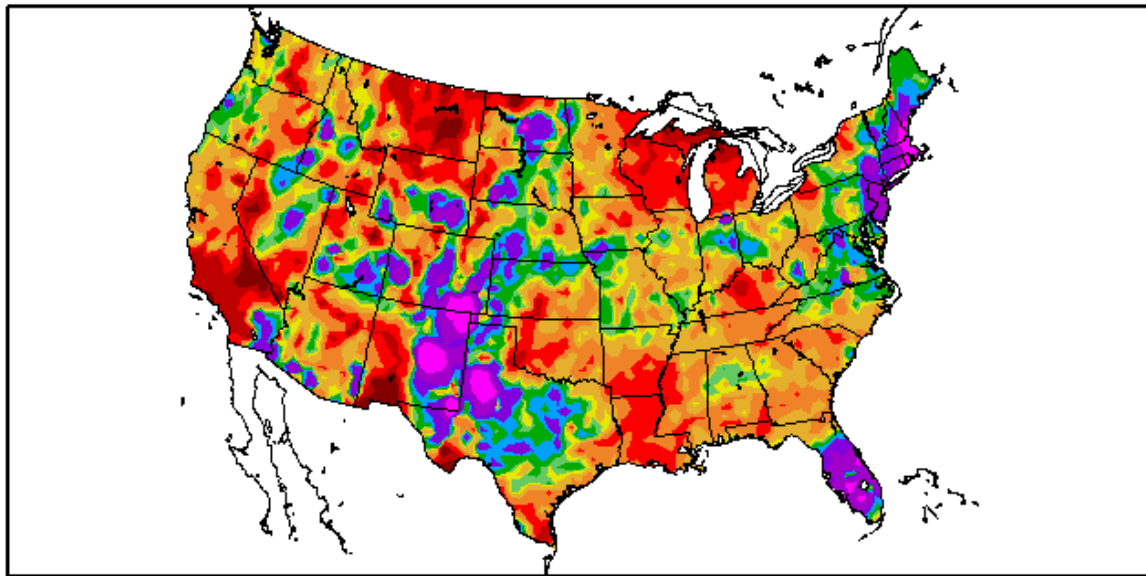


Generated 4/2/2010 at HPRCC using provisional data.

NOAA Regional Climate Centers

The Southern United States recorded generally below-average temperatures through the month with Florida experiencing unusually chilly conditions. The Northern United States recorded generally above-average temperatures particularly across the Great Lakes and the Northeast regions.

Percent of Normal Precipitation (%)
3/1/2010 - 3/31/2010



Generated 4/2/2010 at HPRCC using provisional data.

NOAA Regional Climate Centers

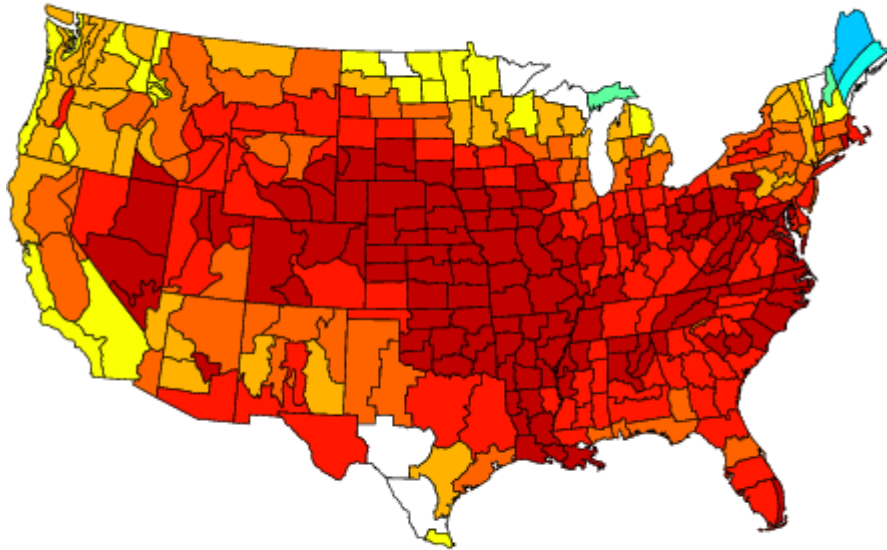
Below average precipitation was measured throughout portions of the Western United States, the Western Great Lakes region, and the Lower Mississippi Valley. Above average precipitation was measured across the High Plains, Florida, and coastal areas of the Northeastern United States.

The following years were matched:
1926, 1999, 2001, 1936, 1959, 1933, 1981, 2004, 1969, 1948
Below are the composite departures for those years for April and May.

Composite Standardized Temperature Anomalies

Apr 1926,1948,1969,2004,1981,1933,1959,1936,2001,1999

Versus 1895–2000 Longterm Average



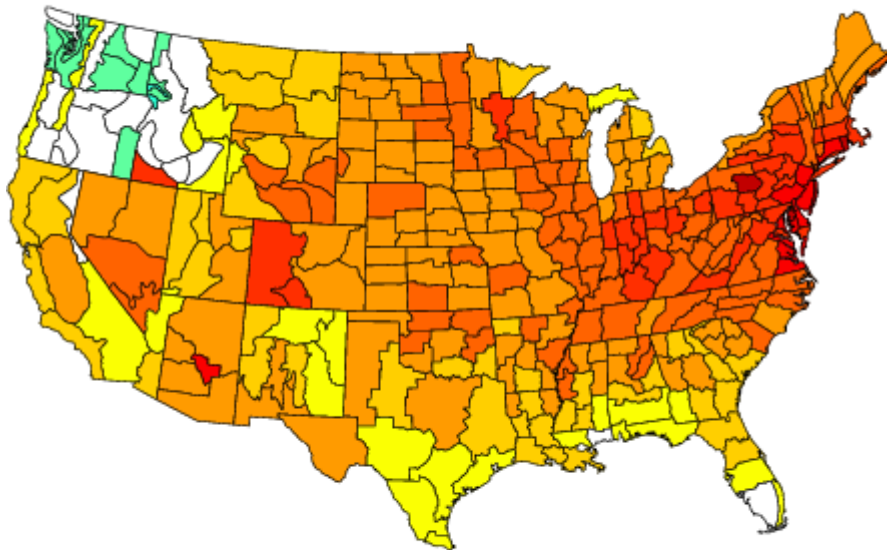
NOAA/ESRL PSD and CIRES-CDC



-0.50 -0.30 -0.10 0.10 0.30
Composite Standardized Temperature Anomalies

May 1926,1948,1969,2004,1981,1933,1959,1936,2001,1999

Versus 1895–2000 Longterm Average



NOAA/ESRL PSD and CIRES-CDC

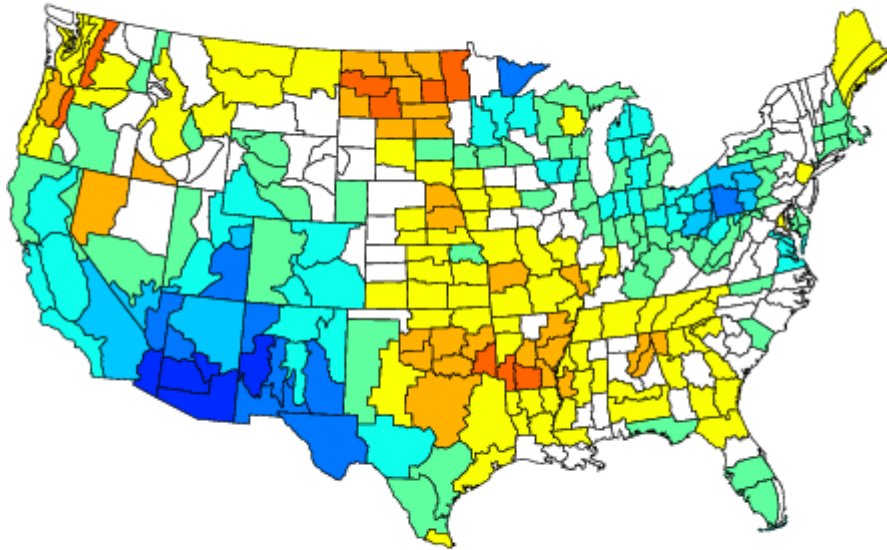


-0.75 -0.55 -0.35 -0.15 0.05 0.25 0.45 0.65

Composite Standardized Precipitation Anomalies

Apr 1926,1948,1969,2004,1981,1933,1959,1936,2001,1999

Versus 1895–2000 Longterm Average



NOAA/ESRL PSD and CIRES-CDC

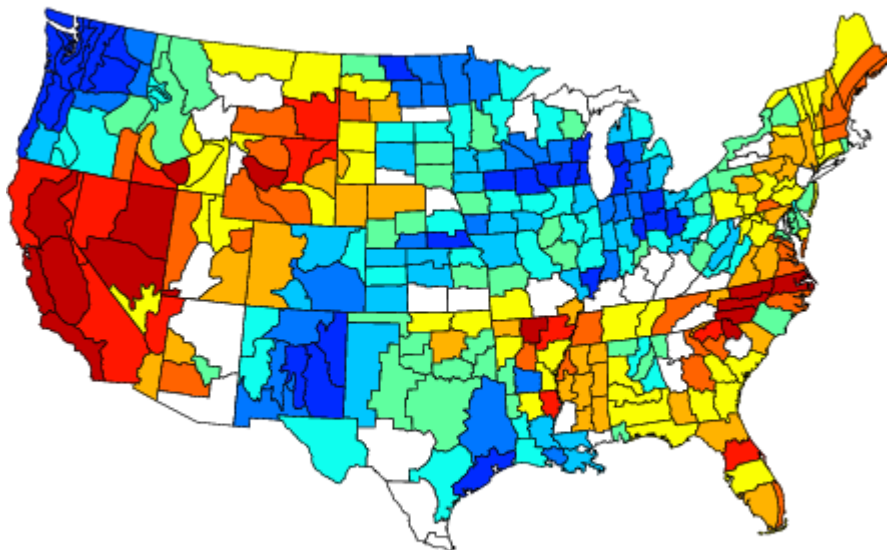


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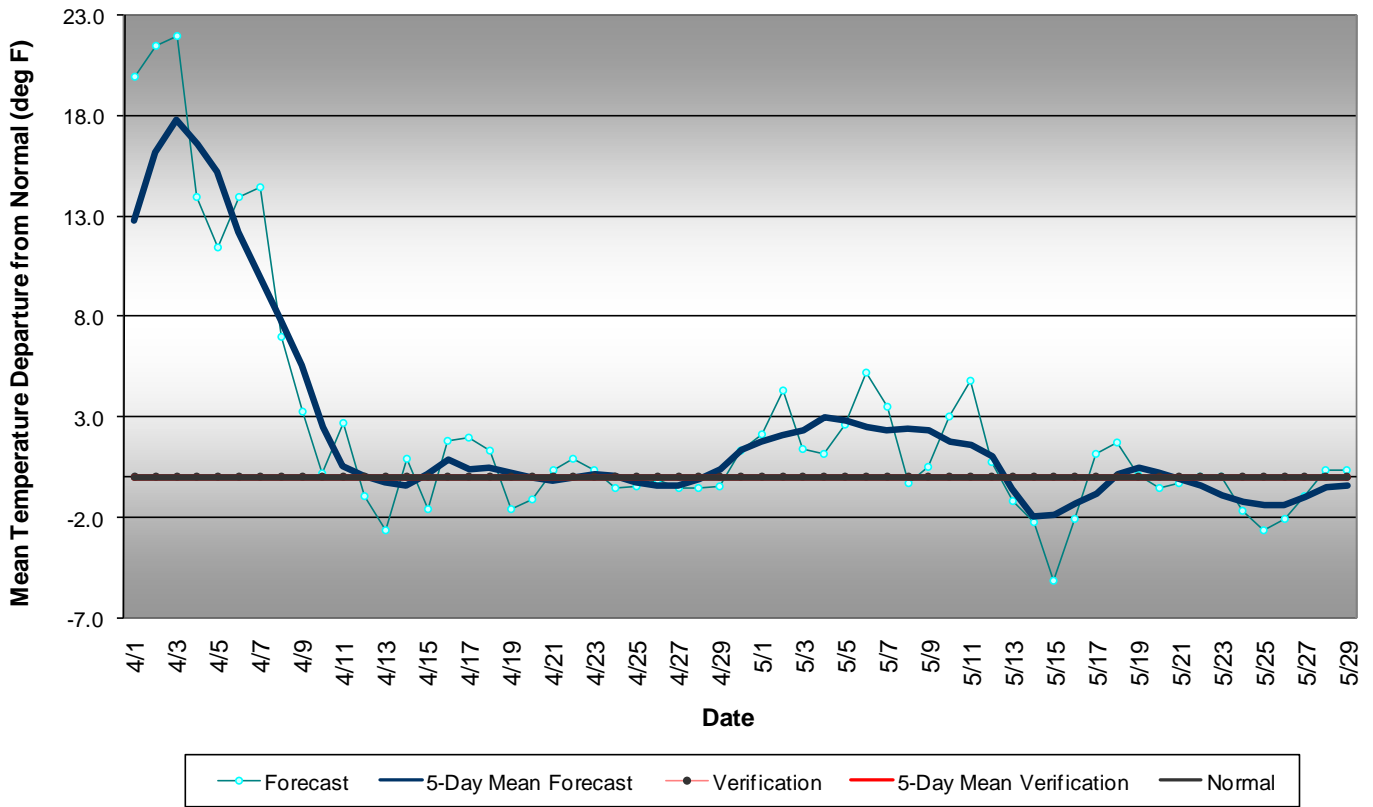


NOAA/ESRL PSD and CIRES-CDC

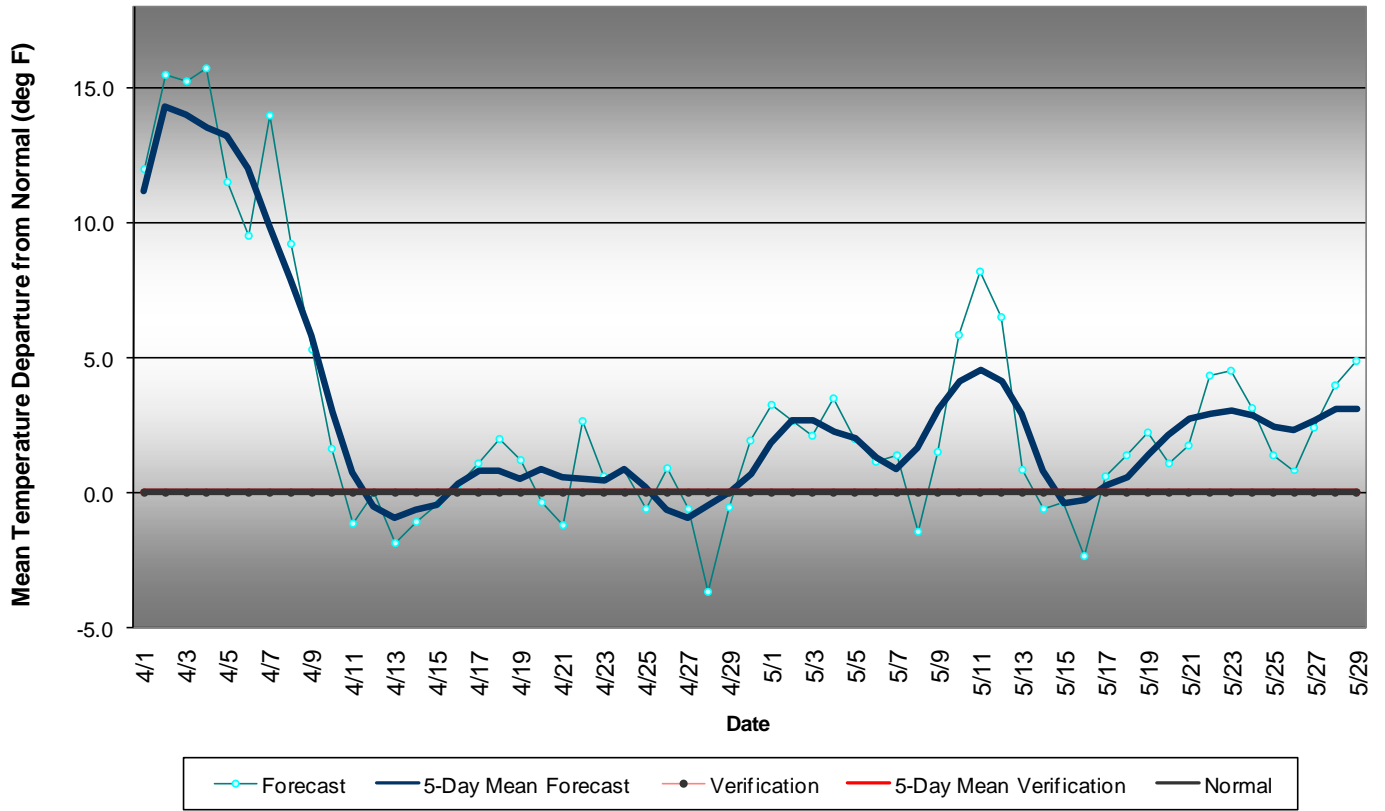


-0.25 -0.15 -0.05 0.05 0.15

Western Pennsylvania Temperature Forecast April-May 2010



Central Pennsylvania Temperature Forecast April-May 2010



Eastern Pennsylvania Temperature Forecast April-May 2010

