

The Pennsylvania Observer



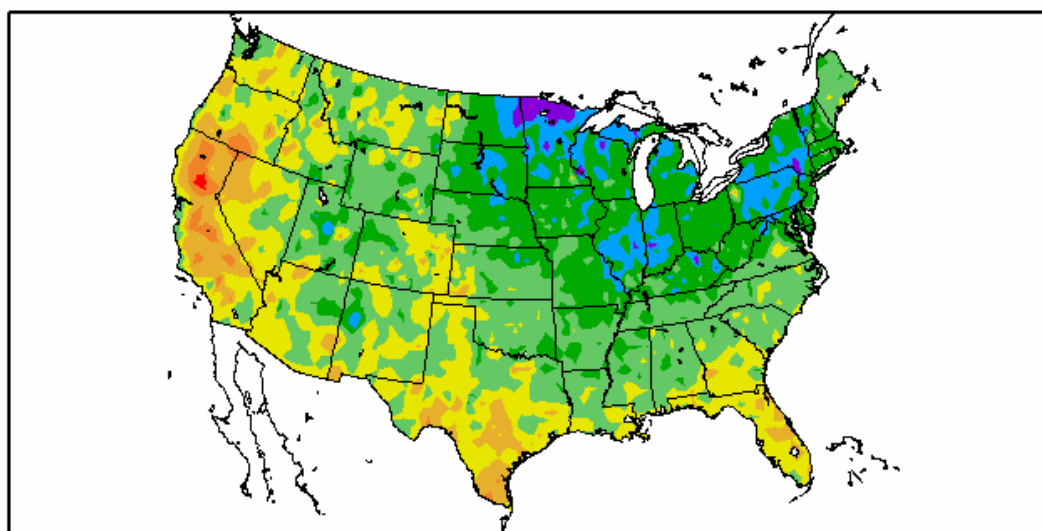
Outlook

Experimental Long Range Outlook for Pennsylvania: June 2008 – July 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 May, 2008:

Departure from Normal Temperature (F)
5/1/2008 – 5/24/2008

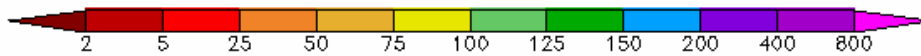
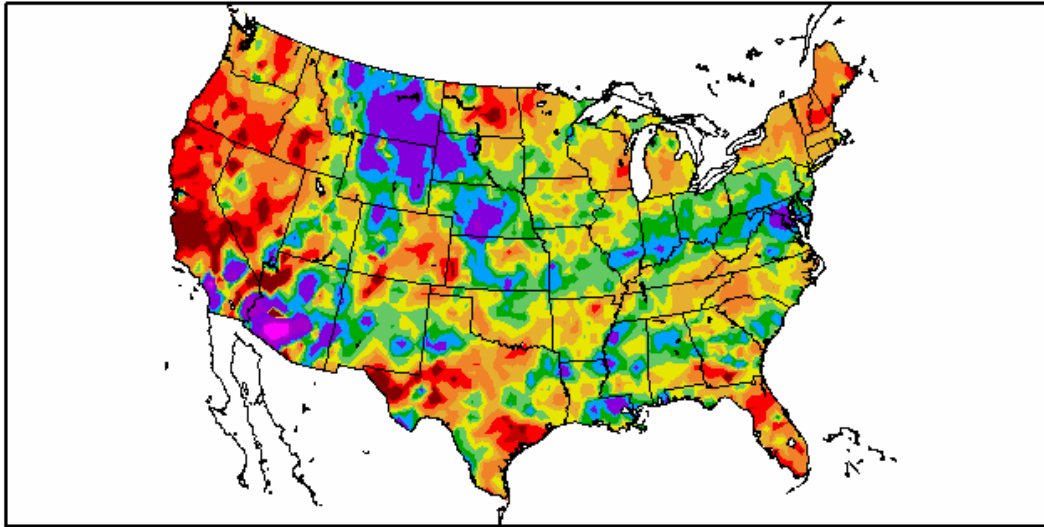


Generated 5/25/2008 at HPRCC using provisional data.

NOAA Regional Climate Centers

The outstanding features of the May temperatures has been the persistent cool weather from the Dakotas to the Middle Atlantic seaboard and the warmth in Florida, south Texas and interior California.

Percent of Normal Precipitation (%)
5/1/2008 – 5/24/2008



Generated 5/25/2008 at HPRCC using provisional data.

NOAA Regional Climate Centers

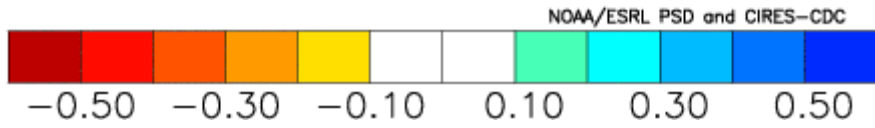
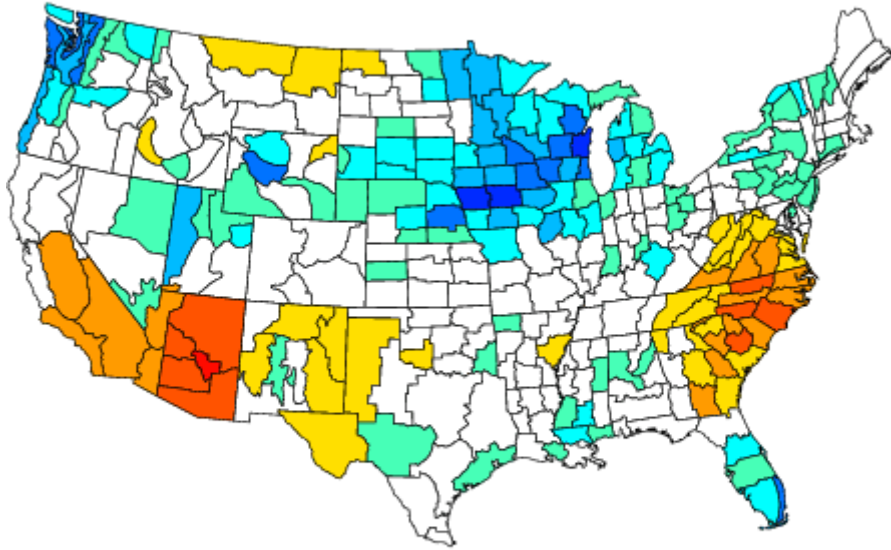
The outstanding character of May's rainfall has been the lack of rain in New England, Florida, much of Texas and most of the Northwest. The excessive rainfall in Montana, Wyoming and Nebraska along with a stripe of heavy rain from the Ohio Valley to the Middle Atlantic coast.

These pairs of anomaly patterns were the input into the climate division data 'analog mapper' to select the closest match to previous May conditions.

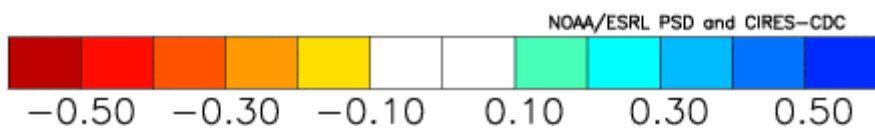
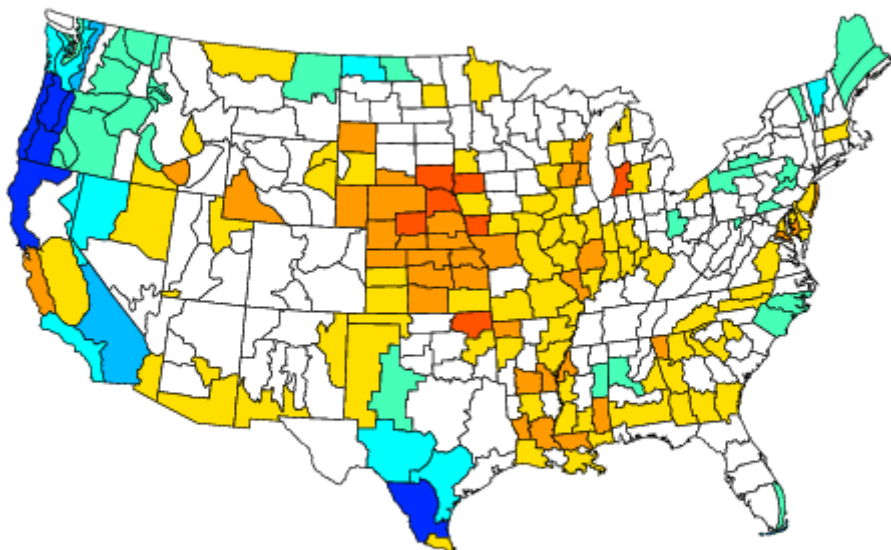
The following years were matched:
1935, 1946, 1947, 1967, 1968, 1983, 1990, 1996, 1997, 2002.

Below are the composite departures for those years for June and July.

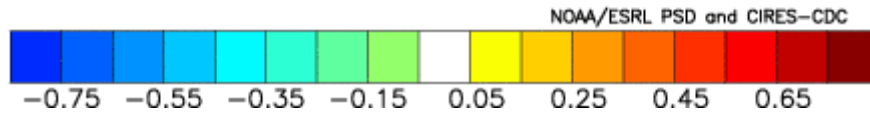
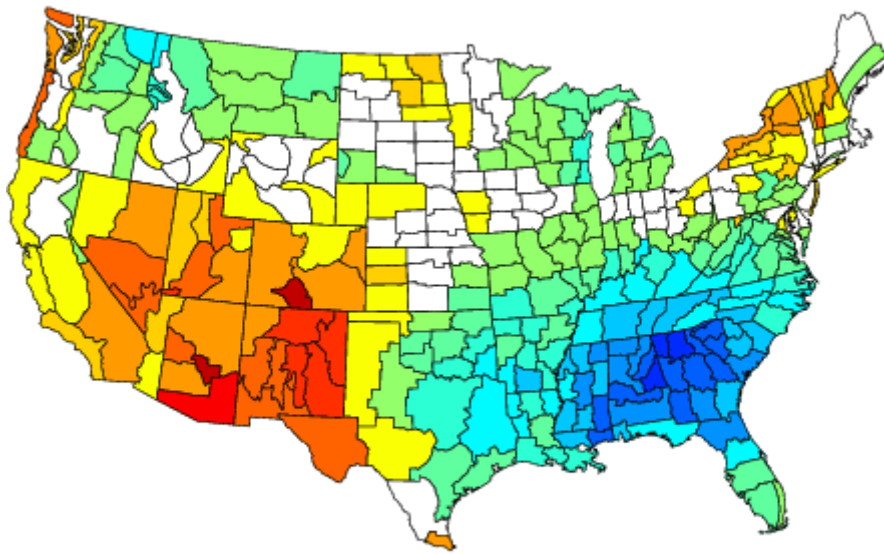
Composite Standardized Precipitation Anomalies
Jun 1935,1946,1947,1967,1968,1983,1990,1996,1997,2002
Versus 1895–2000 Longterm Average



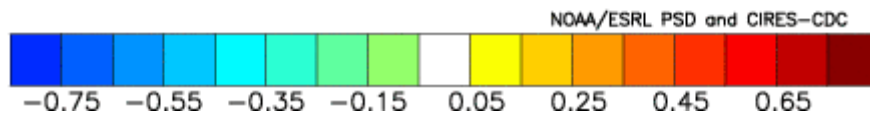
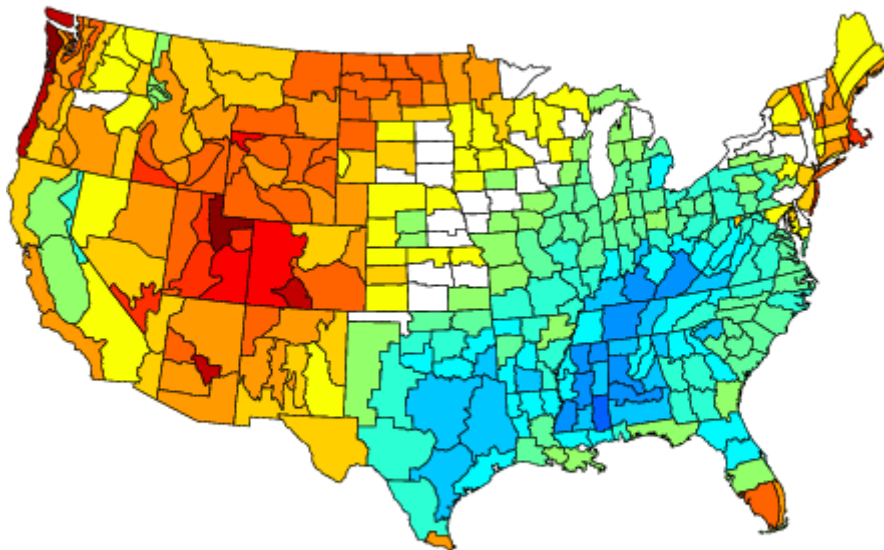
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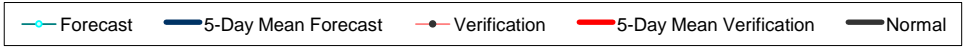
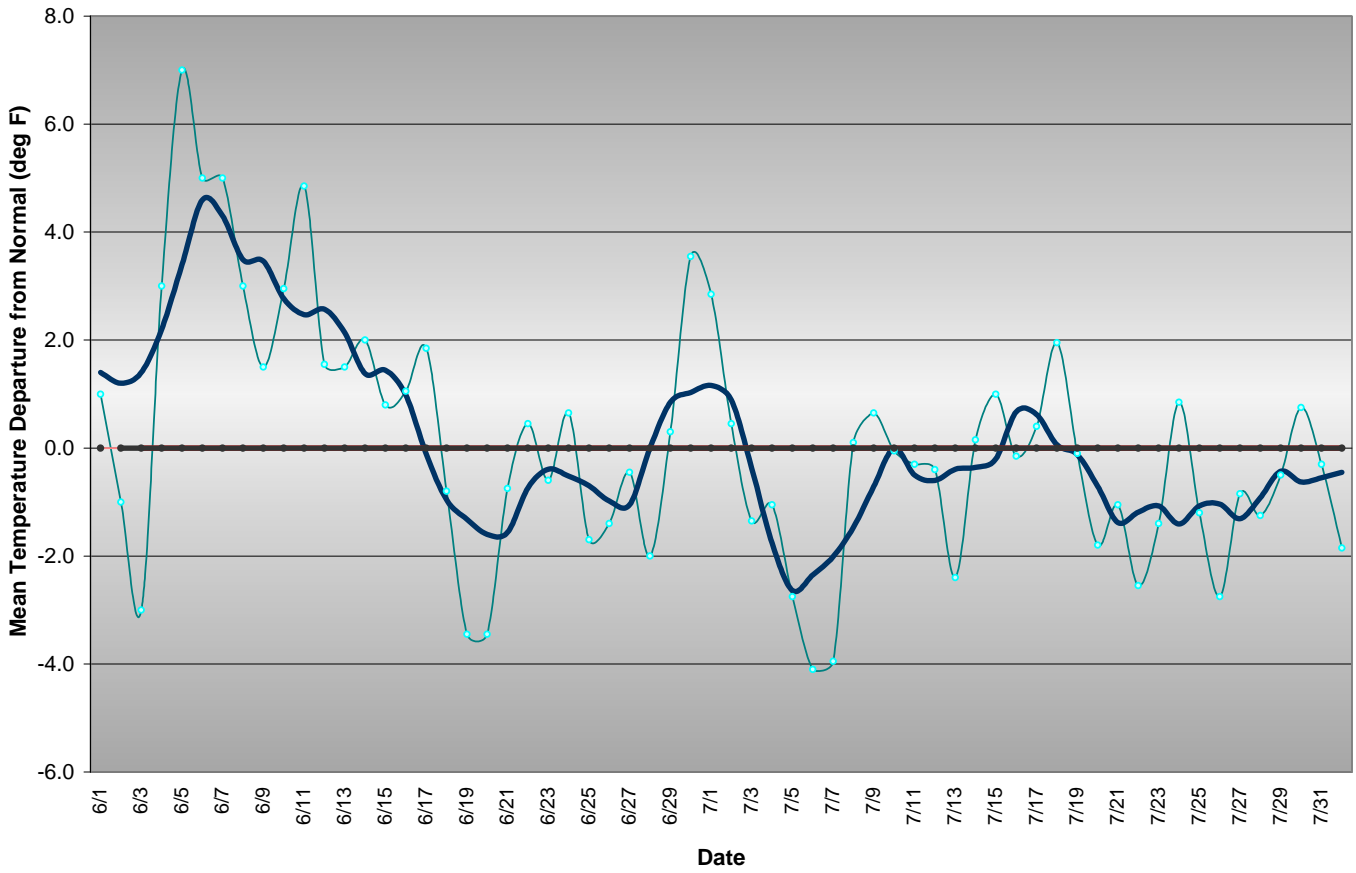
Composite Standardized Temperature Anomalies
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Versus 1895–2000 Longterm Average



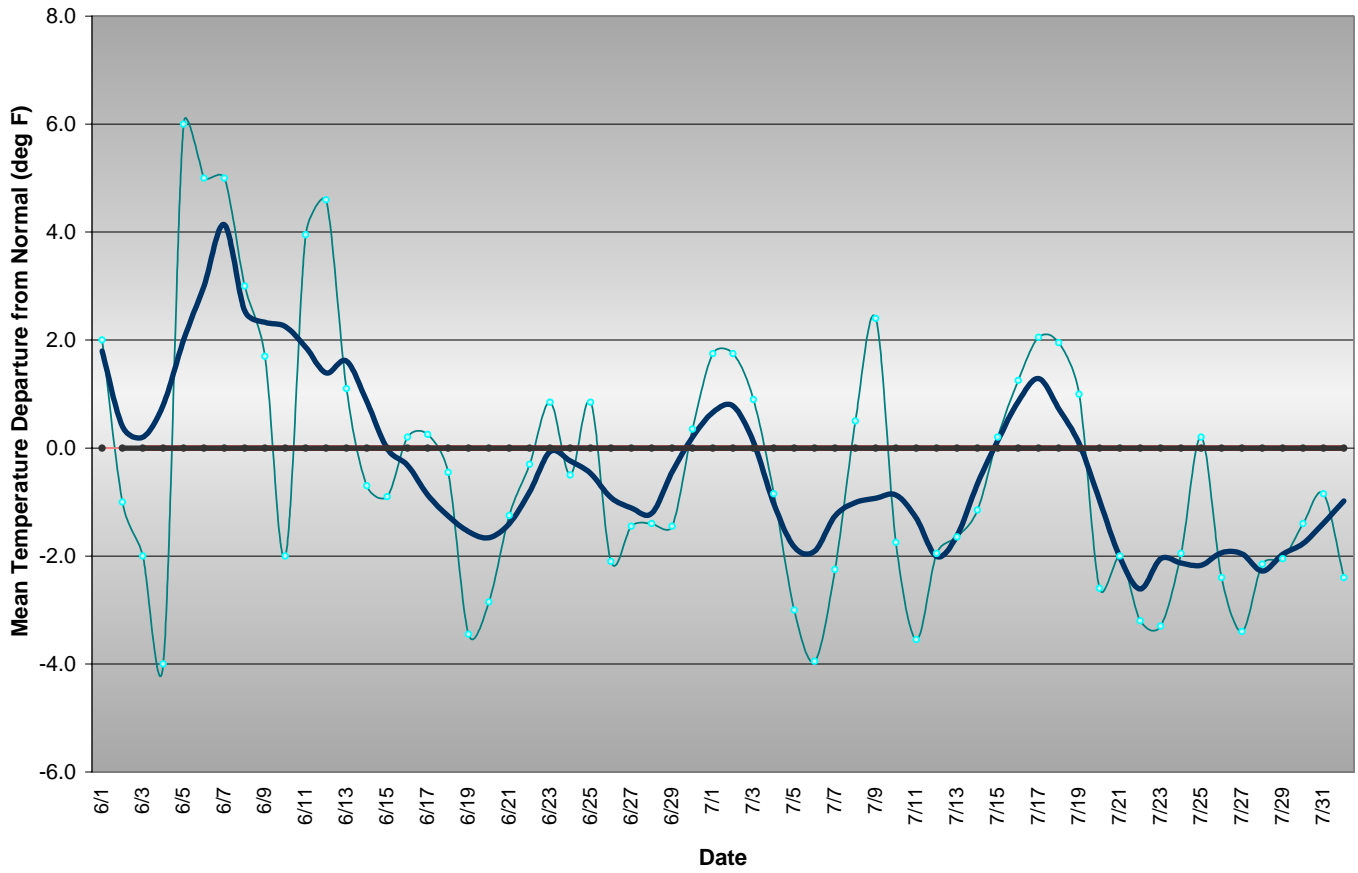
Composite Standardized Temperature Anomalies
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Versus 1895–2000 Longterm Average



Western Pennsylvania Temperature Forecast
June - July 2008



Central Pennsylvania Temperature Forecast
June - July 2008



Eastern Pennsylvania Temperature Forecast
June - July 2008

