

# The Pennsylvania Observer

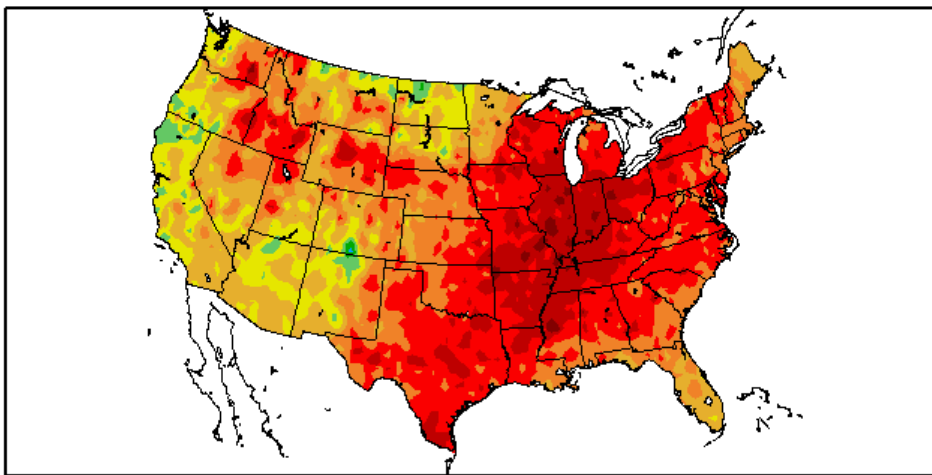


## LONG RANGE OUTLOOK

*By: Paul Knight*

The temperature anomalies during December, 2012 showed the pervasive warmth across the nation with the Mississippi Valley being the center of the mildest conditions. Pockets of cool conditions were developing in the northwest Plains as the month concluded.

Departure from Normal Temperature (F)  
12/1/2012 – 12/25/2012

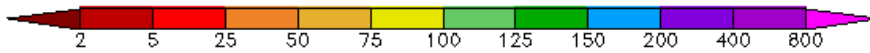
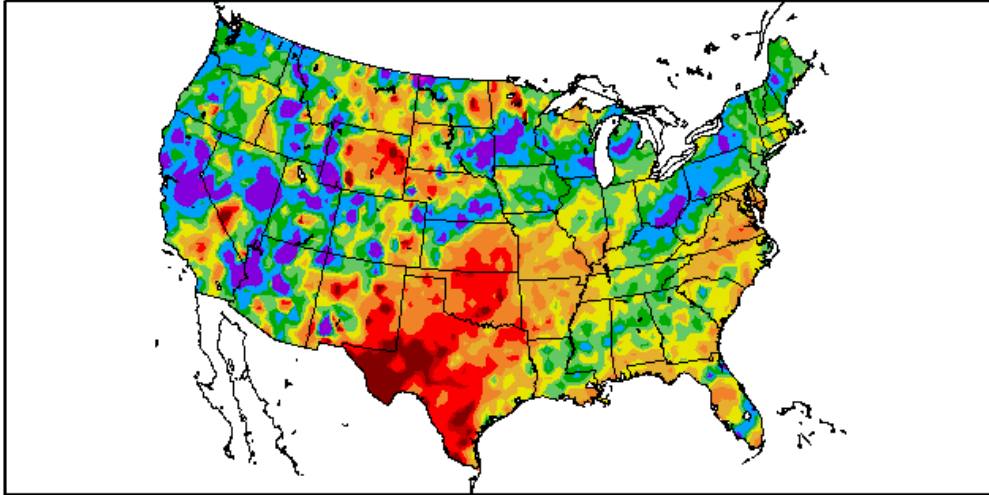


Generated 12/26/2012 at HPRCC using provisional data.

Regional Climate Centers

Precipitation during the last month of 2012 was noticeably more widespread than during November (which was the 8<sup>th</sup> driest for the nation). It was particularly moist in Ohio and very dry in Texas.

## Percent of Normal Precipitation (%) 12/1/2012 - 12/25/2012



Generated 12/26/2012 at HPRCC using provisional data.

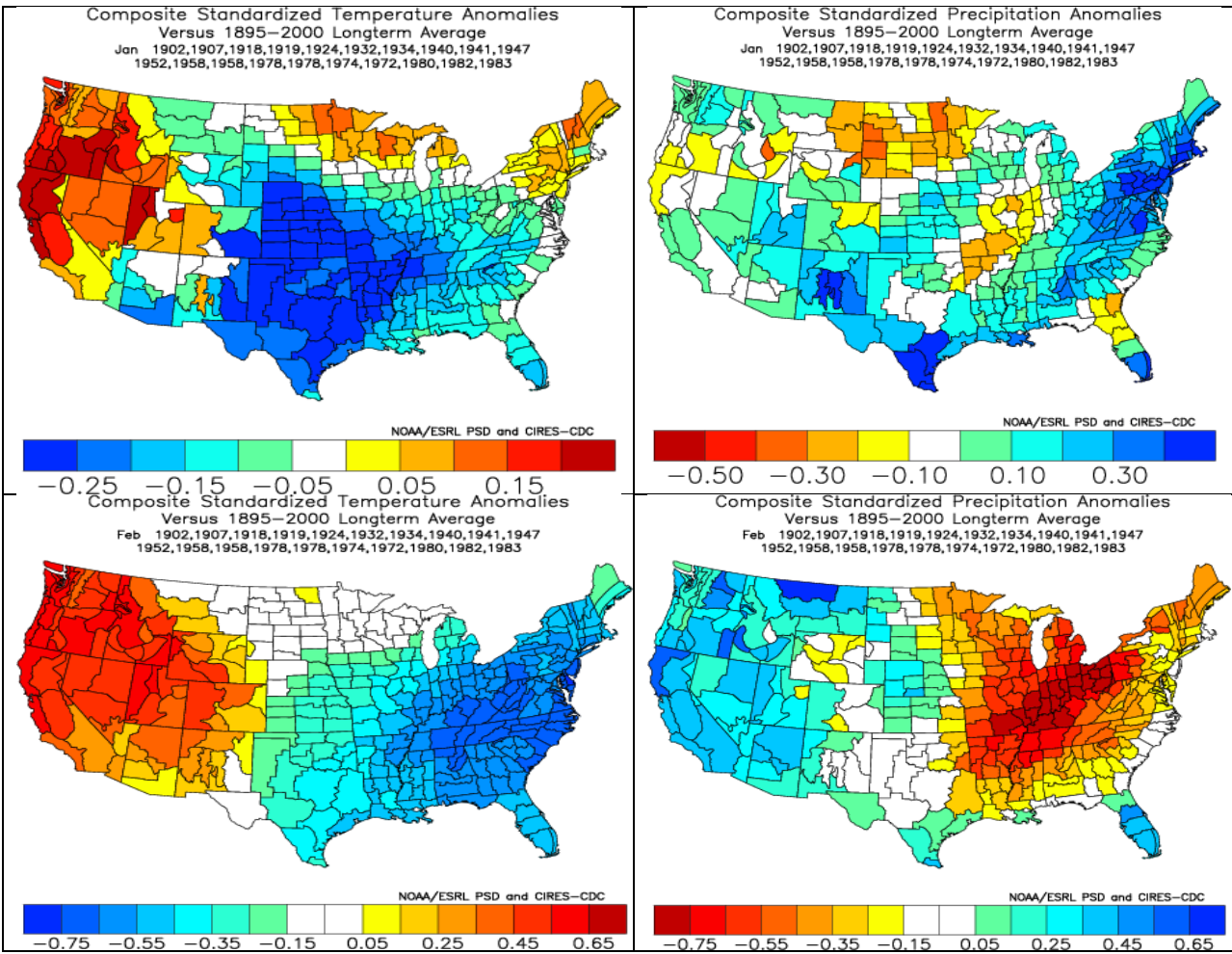
Regional Climate Centers

ID- Warm		IL- Warm		OH- Moist		TX-Dry	
1896	29.7	1896	34.2	1895	3.82	1901	0.93
1900	29.5	1913	35.8	1901	3.76	1908	1.04
1906	30.2	1918	37.7	1902	4	1916	0.61
1910	27.9	1923	39.7	1906	3.72	1917	0.24
1917	34.6	1931	38.9	1911	4.01	1919	1
1925	29.5	1933	34.2	1914	3.77	1922	0.59
1929	30.7	1936	34.1	1915	3.85	1948	0.77
1933	32.7	1939	34.7	1918	3.53	1950	0.25
1937	28.2	1940	35	1923	5.96	1951	0.77
1939	32.7	1941	36.6	1927	3.93	1954	0.82
1940	28.5	1946	35.5	1931	3.59	1955	0.7
1946	29.4	1949	34.8	1932	3.59	1957	0.95
1950	30.7	1956	34.8	1942	3.76	1958	0.87
1958	31.3	1957	36	1951	4.81	1966	0.8
1962	29	1959	36.1	1957	4.24	1970	0.51
1973	28.7	1965	37.8	1964	3.83	1972	0.87
1975	28.5	1971	36.7	1971	3.95	1973	0.94
1977	28.7	1979	34	1977	3.97	1977	0.55
1979	29	1982	38.1	1978	4.5	1981	0.49
1980	29.7	1984	35.7	1982	3.67	1989	0.62

1981	28.1	1994	35.8	1990	7.64	2003	0.71
1995	28.2	1998	35.2	1996	3.68	2004	0.84
2002	30	2001	35.8	2007	4.72	2005	0.44
2003	29.4	2006	35.1	2008	4.75	2008	0.53
2004	28.7	2011	35.7	2011	4.2	2010	0.74

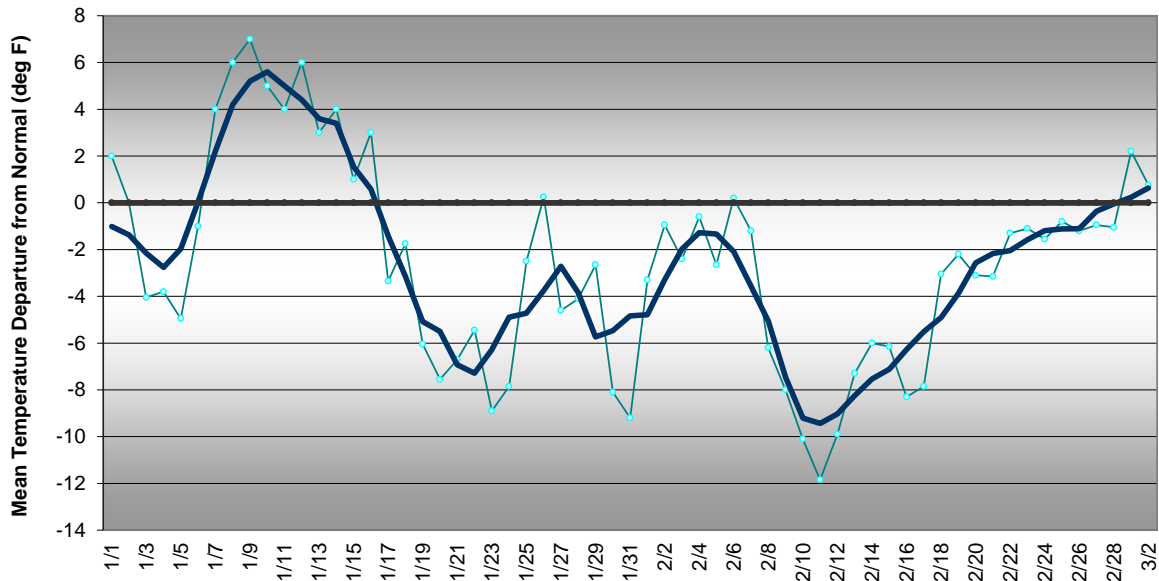
Using these anomalies: warmth in Illinois and Idaho and wet in Ohio and dry in Texas, the following analog years were noted (yellow are two years in common, orange is three years in common).

These are the composite of January and February temperature and precipitation for the years that follow:



Summary: A moist, seasonable January would be followed by a chilly, dry February in Pennsylvania.

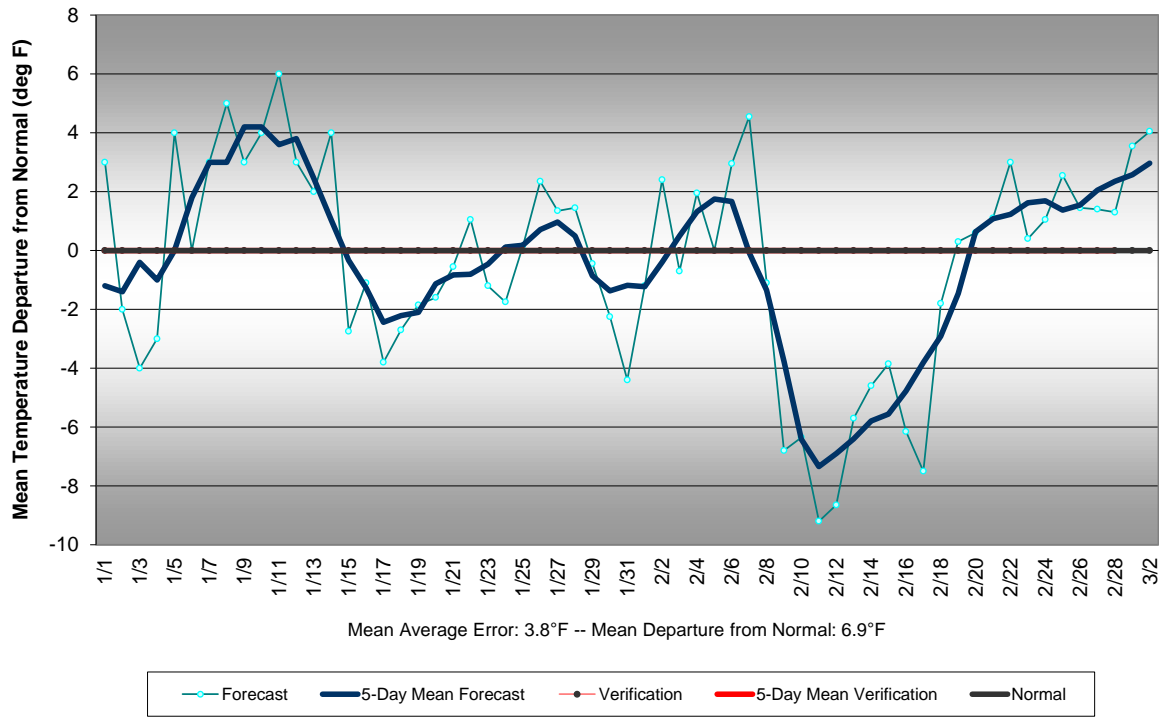
### Western Pennsylvania Temperature Forecast January - February 2013



Mean Average Error: 7.0°F -- Mean Departure from Normal: 8.5°F



### Central Pennsylvania Temperature Forecast January - February 2013



### Eastern Pennsylvania Temperature Forecast January - February 2013

