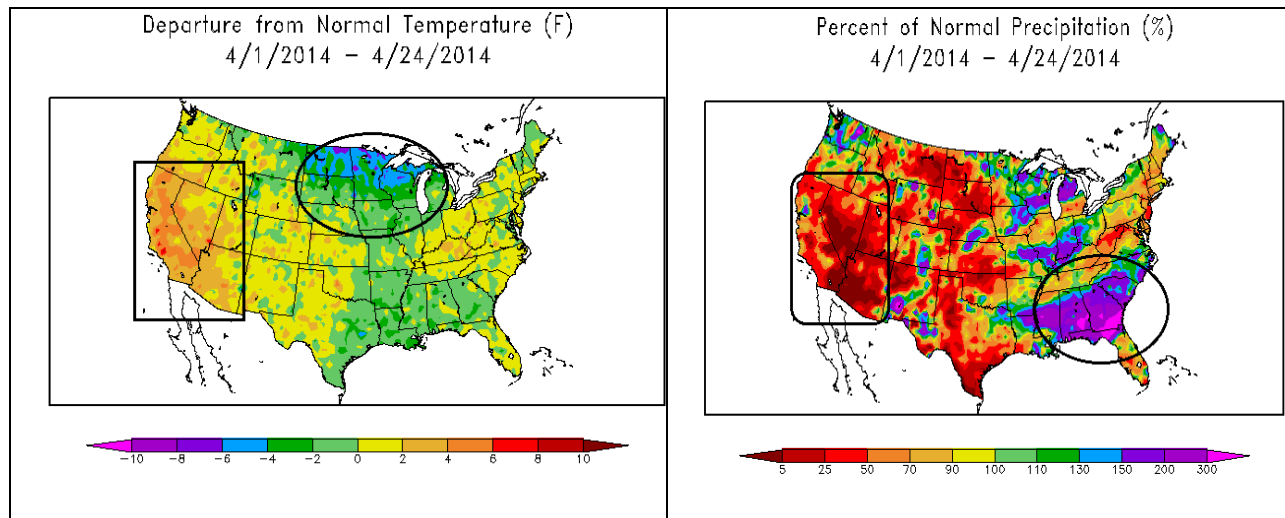


# The Pennsylvania Observer



## LONG RANGE OUTLOOK

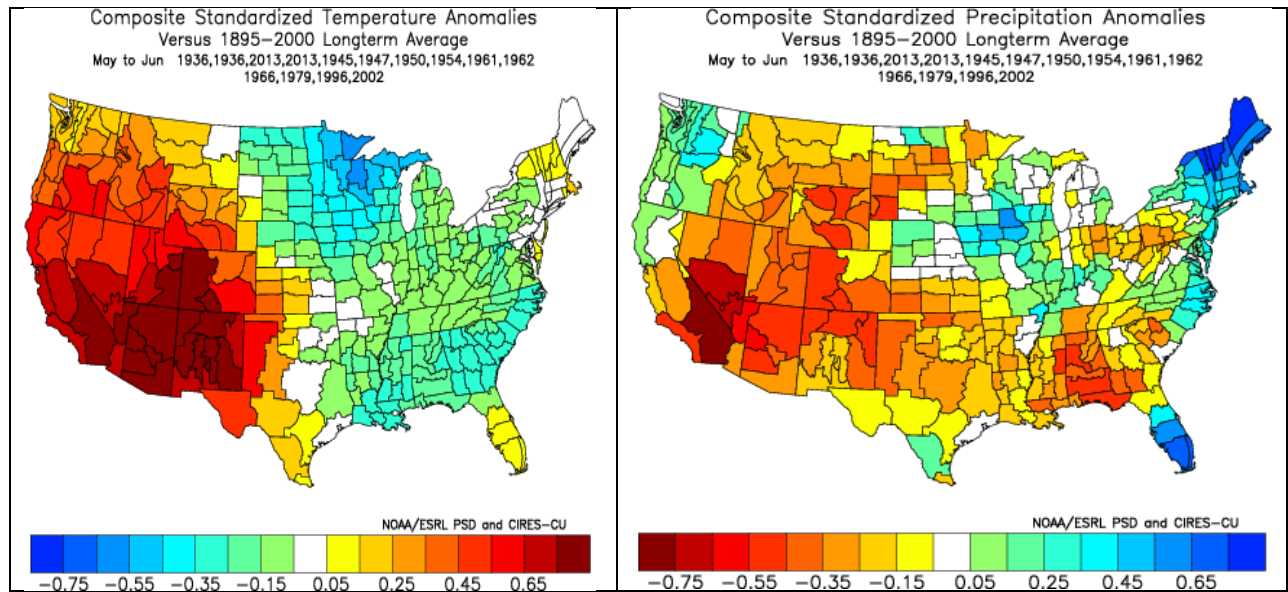
*By: Robert Mayo and Paul Knight*



The anomalous chill in North Dakota and warmth in California during April were combined with the wet weather in Georgia and the scarcity of rain in Arizona to determine the following analog years:

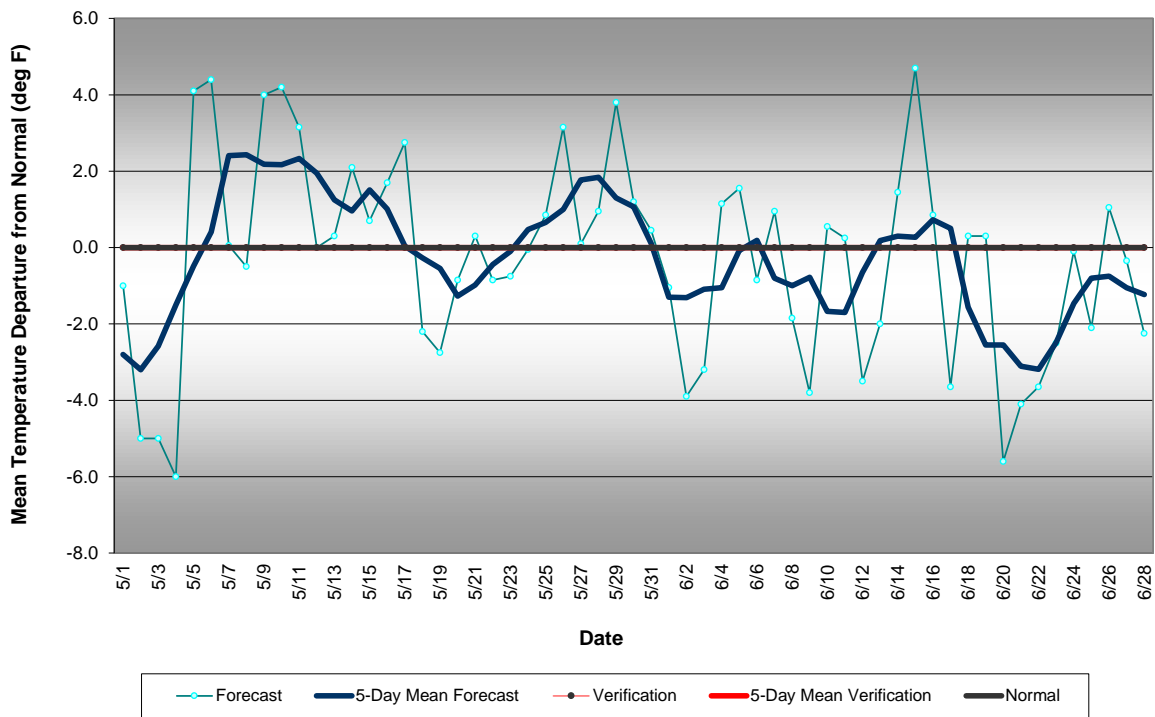
ND-Chill	1899	37.4	CA-Warm	1897	56	GA-Wet	1900	5.41	AZ-Dry	1895	0.08
	1904	37.3		1898	56.9		1907	5.81		1897	0.13
	1907	32.3		1910	57.2		1908	6.75		1899	0.22
	1909	34.1		1926	57.8		1912	7.35		1901	0.14
	1916	39.2		1930	56.2		1918	5.42		1902	0.07
	1917	36.8		1931	57.4		1920	7.24		1904	0.03
	1920	32.1		1934	59.8		1924	5.77		1909	0.19
	1923	38.6		1936	56.4		1928	8.2		1918	0.15
	1924	38.8		1939	58.3		1936	7.26		1936	0.15
	1928	35.9		1940	55.7		1937	6.74		1937	0.14
	1935	37.9		1946	56.3		1938	6.27		1938	0.2
	1936	35.2		1947	56.2		1944	7.07		1945	0.18
	1940	37.5		1949	57.3		1945	6.21		1947	0.05
	1945	37.8		1950	56.3		1947	5.2		1948	0.11
	1950	32		1954	57.5		1948	4.96		1950	0.03
	1951	38.2		1959	58.8		1949	5.41		1954	0.05
	1953	35.7		1962	58.2		1953	5.07		1955	0.14
	1954	38.7		1966	57.8		1955	4.91		1960	0.23
	1956	34.8		1977	56.7		1958	6.09		1961	0.19
	1961	36.9		1981	56.5		1961	6.95		1962	0.04
	1966	35.8		1985	58.2		1962	5.51		1966	0.15
	1967	37.5		1987	59.3		1964	7.31		1969	0.11
	1970	36.9		1989	59.9		1973	7.24		1972	0.1
	1975	33.5		1990	58.4		1975	5.75		1974	0.16
	1979	33.3		1992	58.9		1979	7		1979	0.18
	1982	38.5		1994	55.9		1982	6.28		1989	0.01
	1983	38.5		1996	56.8		1983	5.45		1991	0.01
	1995	36.7		2000	57.8		1988	4.87		1993	0.05
	1996	36.4		2002	56		1991	5.06		1996	0.06
	1997	36.5		2004	57.3		1998	6.32		2000	0.11
	2002	38.2		2007	56.3		2005	4.96		2002	0.17
	2011	39.1		2012	55.8		2009	6.73		2008	0.02
	2013	31.3		2013	58.2		2013	5.08		2013	0.2

The above analogs (orange – 4 states; green – 3 states; yellow – 2 states) were used to discern the probable pattern during the May-June periods that follow. More weight was given to the years with 3 or 4 states in common.

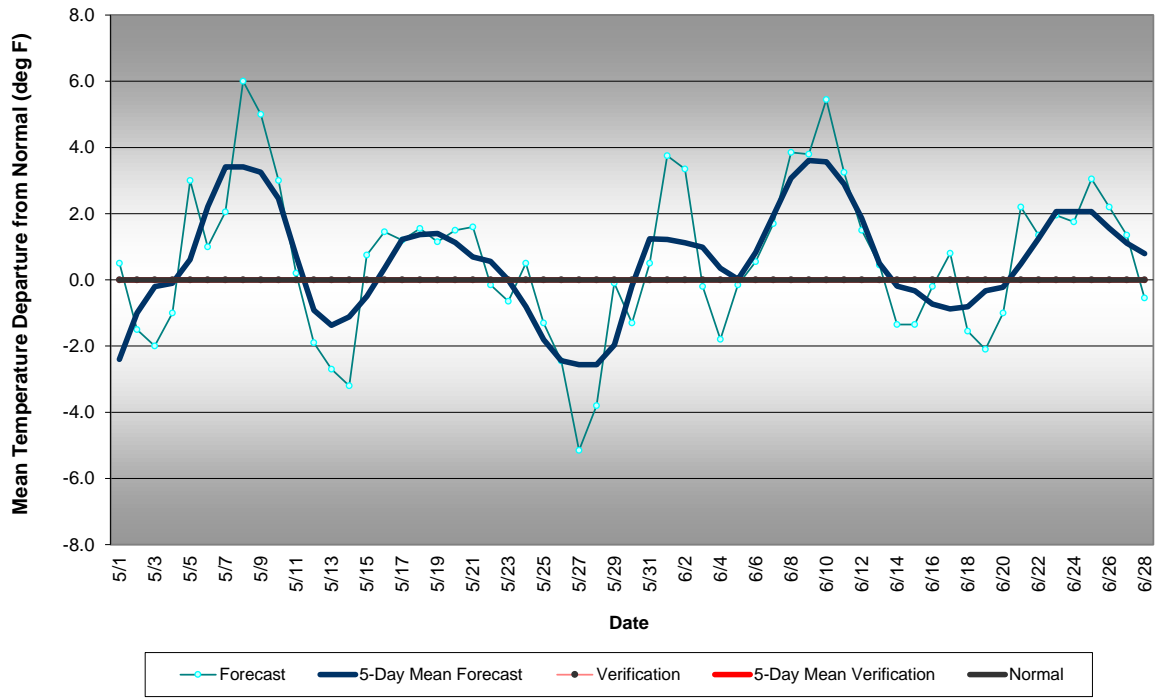


Summary: On balance, the months of May and June should average slight below normal temperatures in Pennsylvania and drier than average in all but the eastern climate zones.

### Western Pennsylvania Temperature Forecast May - June 2014



### Central Pennsylvania Temperature Forecast May- June 2014



Eastern Pennsylvania Temperature Forecast  
May - June 2014

