

23
95
116
118
110

The yellow blocks show Aug-Sept combinations that are in the top 20% wettest (11 years). Only 5 years were in the lowest 25% (orange blocks) of driest late summers.

Therefore, it is twice as likely, based on previous moist Jun-Jul periods that this coming Aug-Sept in the central part of the Commonwealth will be wetter than usual.

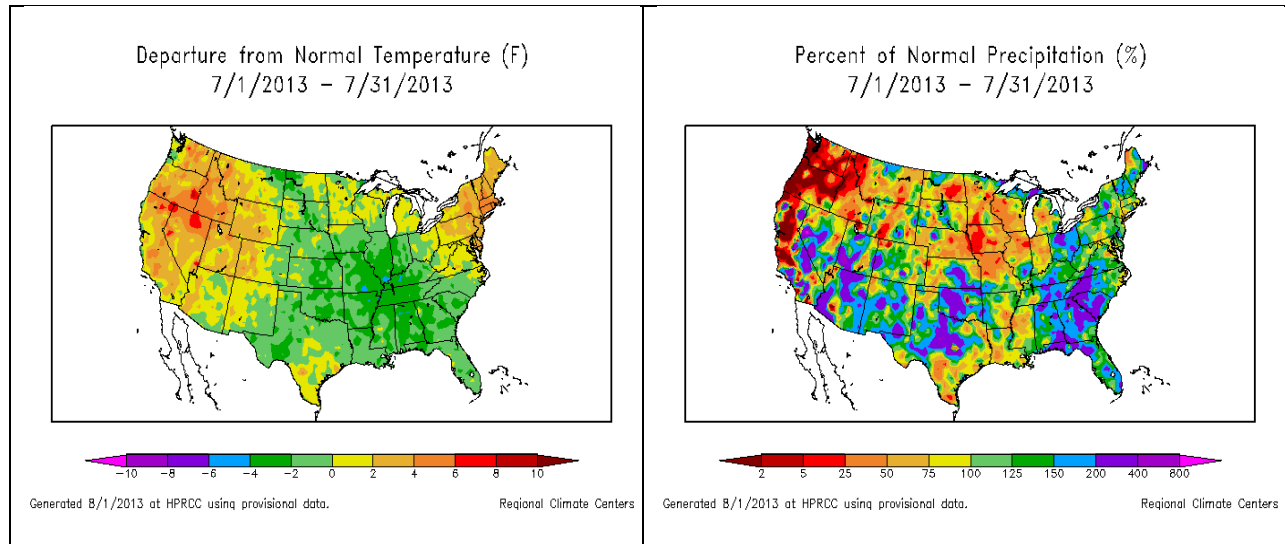
The Pennsylvania Observer



LONG RANGE OUTLOOK

By: Kyle Imhoff

The anomaly images below for the month of July show warmer than normal temperatures from the Rocky Mountains westward as well as in the northern Mid-Atlantic and New England states. Much of the southern and central region of the country remained near to slightly below normal. Precipitation anomalies were very heterogeneous over the course of the month across the US with very dry conditions in the Pacific Northwest and wet weather in much of the Southeast.



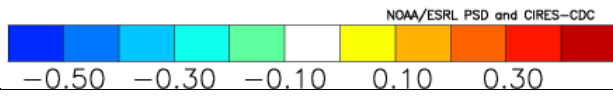
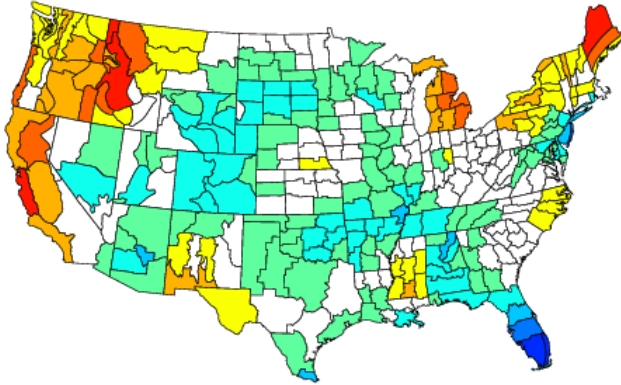
A review was done on years in which Tennessee was relatively cool, the northeastern US was relatively warm, Oregon was dry, and South Carolina was wet. Below is a list of years (interesting to note that there were 15 matching years in at least 2 of the four different categories prior to 1950 and only 5 matching years from 1951 to present):

Cool: Tennessee	189507	Warm: Northeast	189707	Dry: Oregon	189607	Wet: South Carolina	189607
	190407		189807		189807		189807
	190507		190007		189907		190607
	190607		190107		190007		191607
	191107		190807		190107		191907
	191707		191107		190507		192107
	191807		191607		190607		192207
	192407		192107		191007		192407
	194007		193107		191107		192807
	194707		193407		191707		193507
	195007		193507		191907		193807
	196107		194907		192107		194107
	196307		195207		192207		194307
	196707		195507		192407		194507
	197007		195907		192507		195007
	197107		198707		192607		195907
	197207		198807		192707		196007
	197507		199407		192907		196407
	197607		199507		193007		197107
	197907		199907		193407		197507
	198407		200507		195307		198407
	199407		200607		196207		198507
	199607		201007		196707		198907
	200407		201107		197307		199107
	200907		201207		200807		200307

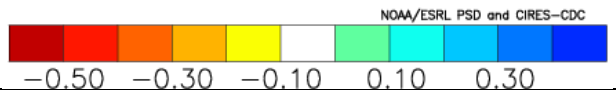
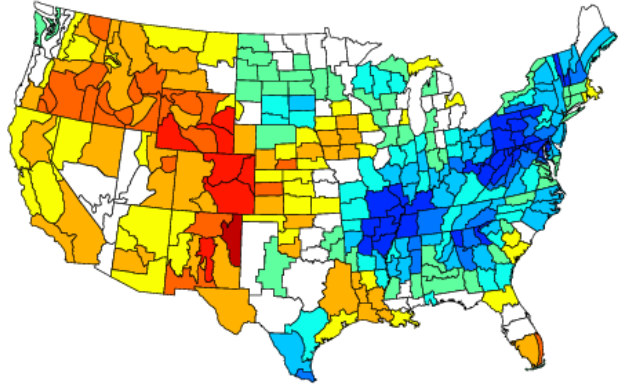
Yellow highlights are two years in common; Orange highlights are three years in common.

When utilizing all the years listed above as analogies for the following August-September, these are the anomalies noted for temperature (left) and precipitation (right):

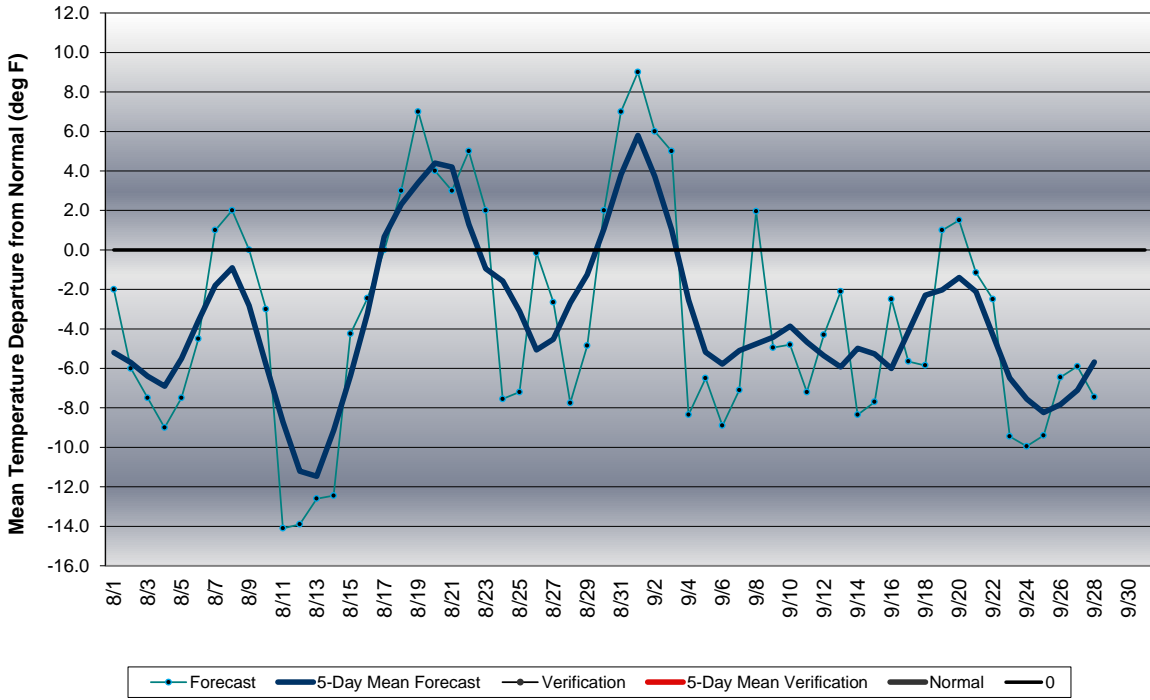
Composite Standardized Temperature Anomalies
Versus 1895–2000 Longterm Average
Aug to Sep 1901,1898,1900,1905,1906,1924,1911,1916,1917,1919
1921,1922,1924,1934,1950,1967,1971,1975,1984,1994



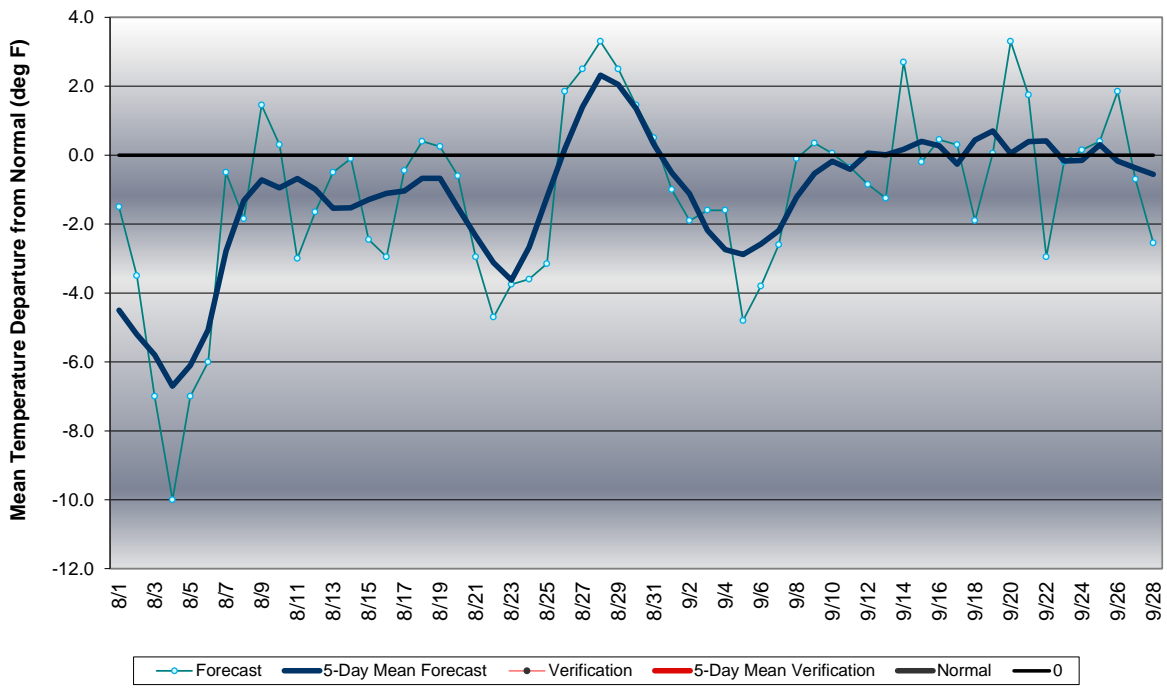
Composite Standardized Precipitation Anomalies
Versus 1895–2000 Longterm Average
Aug to Sep 1901,1898,1900,1905,1906,1924,1911,1916,1917,1919
1921,1922,1924,1934,1950,1967,1971,1975,1984,1994



Western Pennsylvania Temperature Forecast August-September 2013



Central Pennsylvania Temperature Forecast August-September 2013



Eastern Pennsylvania Temperature Forecast August-September 2013

