

Year-in-Review: Precipitation and Temperatures

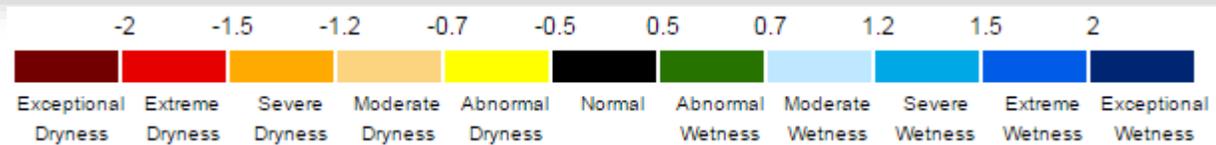
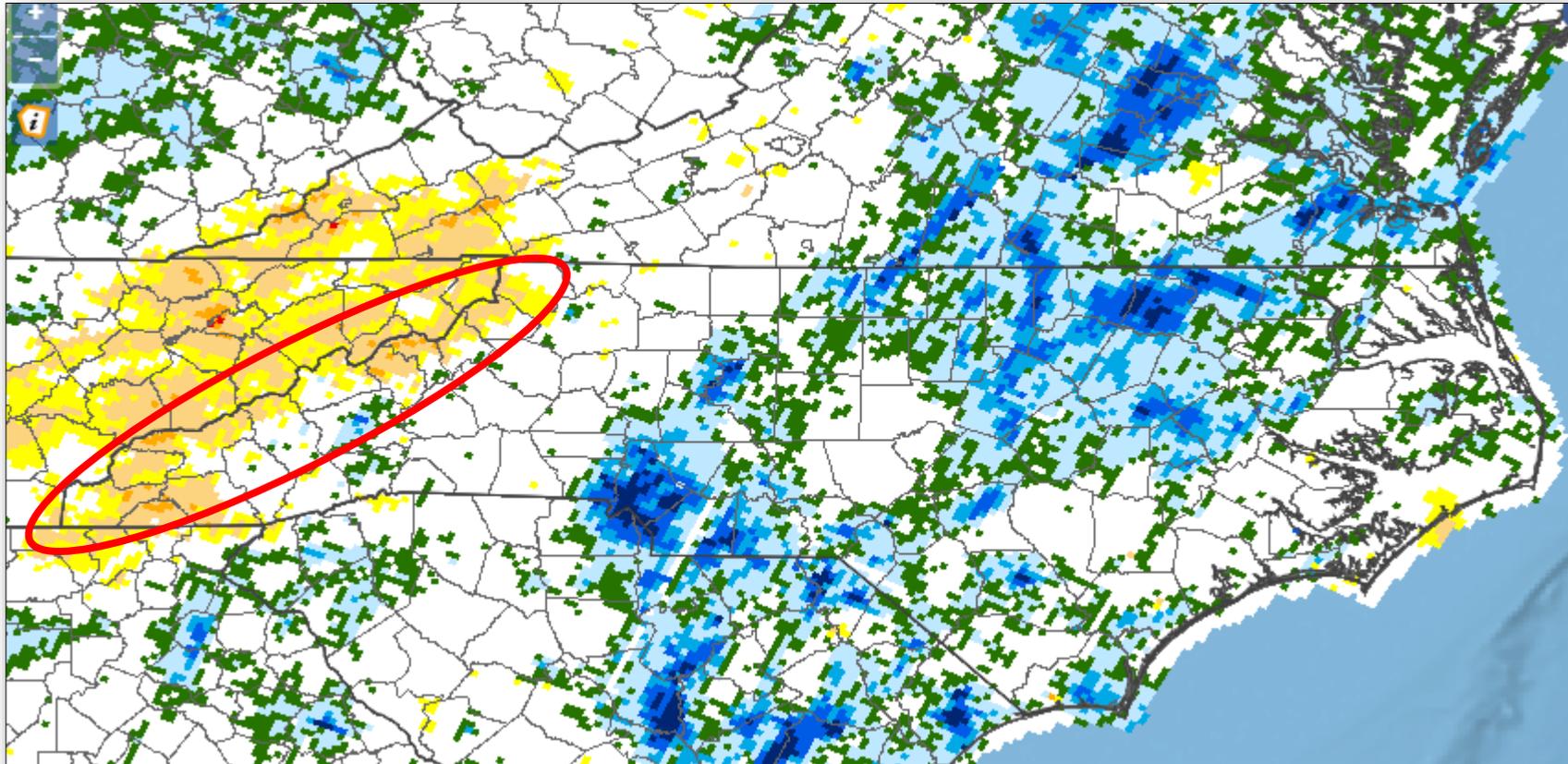
Rebecca Cumbie

Extension Climatologist

State Climate Office of North Carolina, NCSU

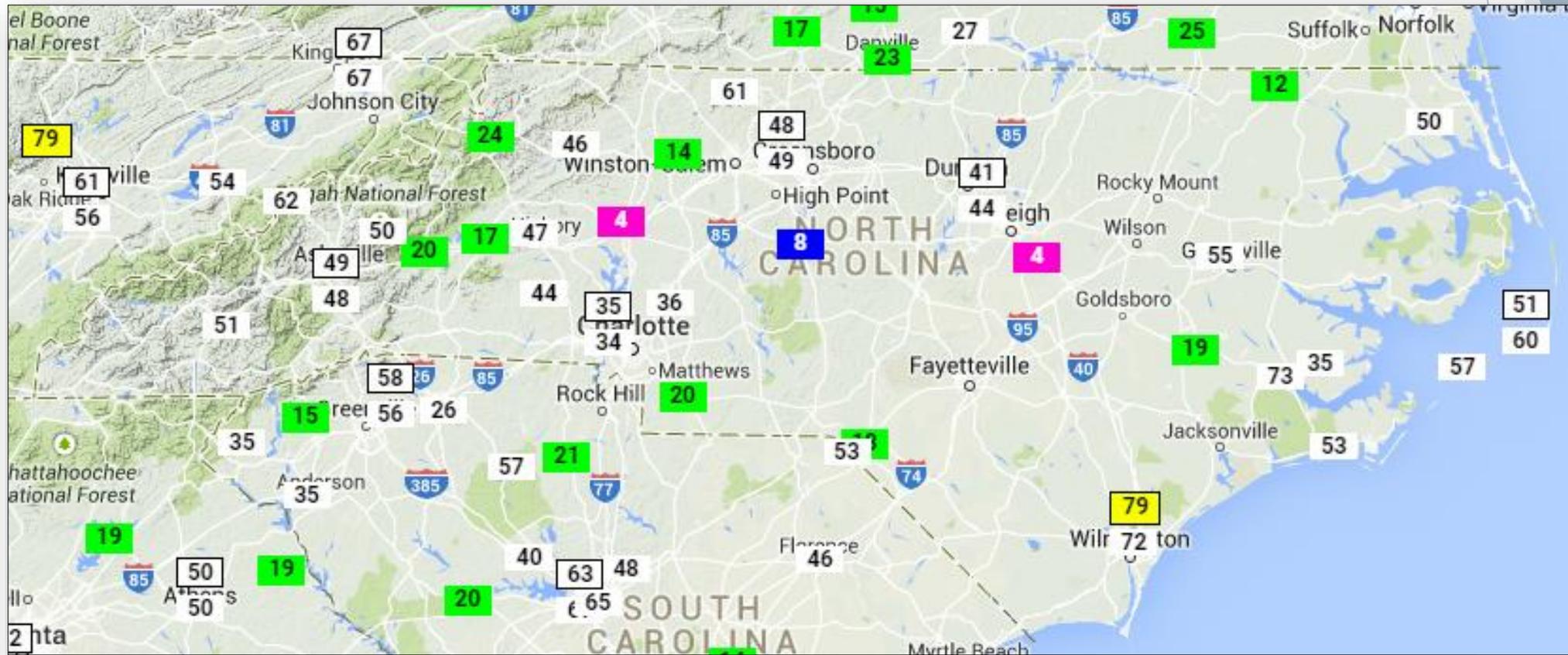
Spring 2014

90-Day SPI for May 31, 2014



Spring 2014

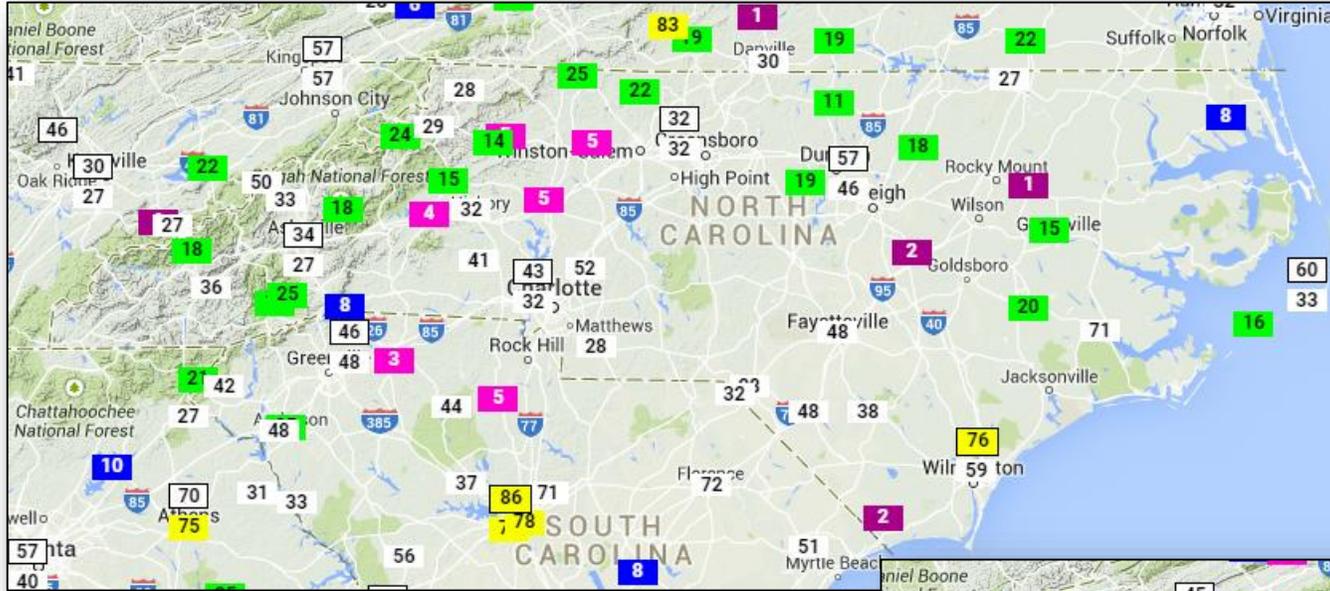
Season-to-Date Mean Temperature Percentiles for May 31, 2014



Summer 2014

Season-to-Date Temperature Percentiles for August 31, 2014

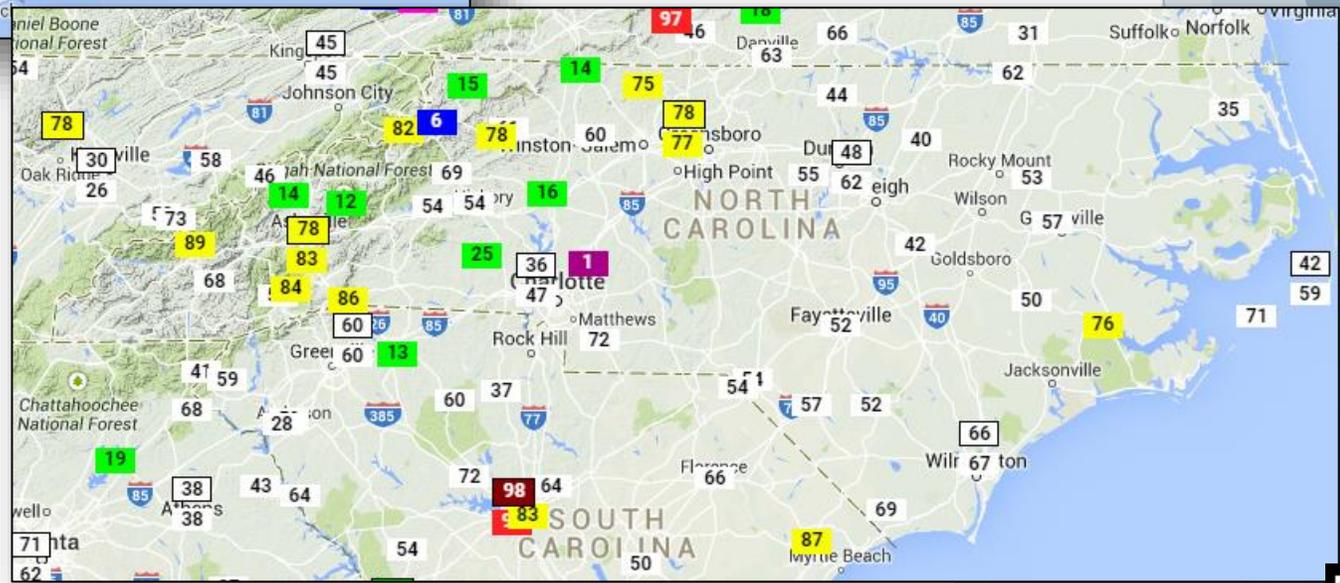
Maximum



Legend	
Percentile	
	≥ 98%
	≥ 95%
	≥ 90%
	≥ 75%
	-
	≤ 25%
	≤ 10%
	≤ 5%
	≤ 2%

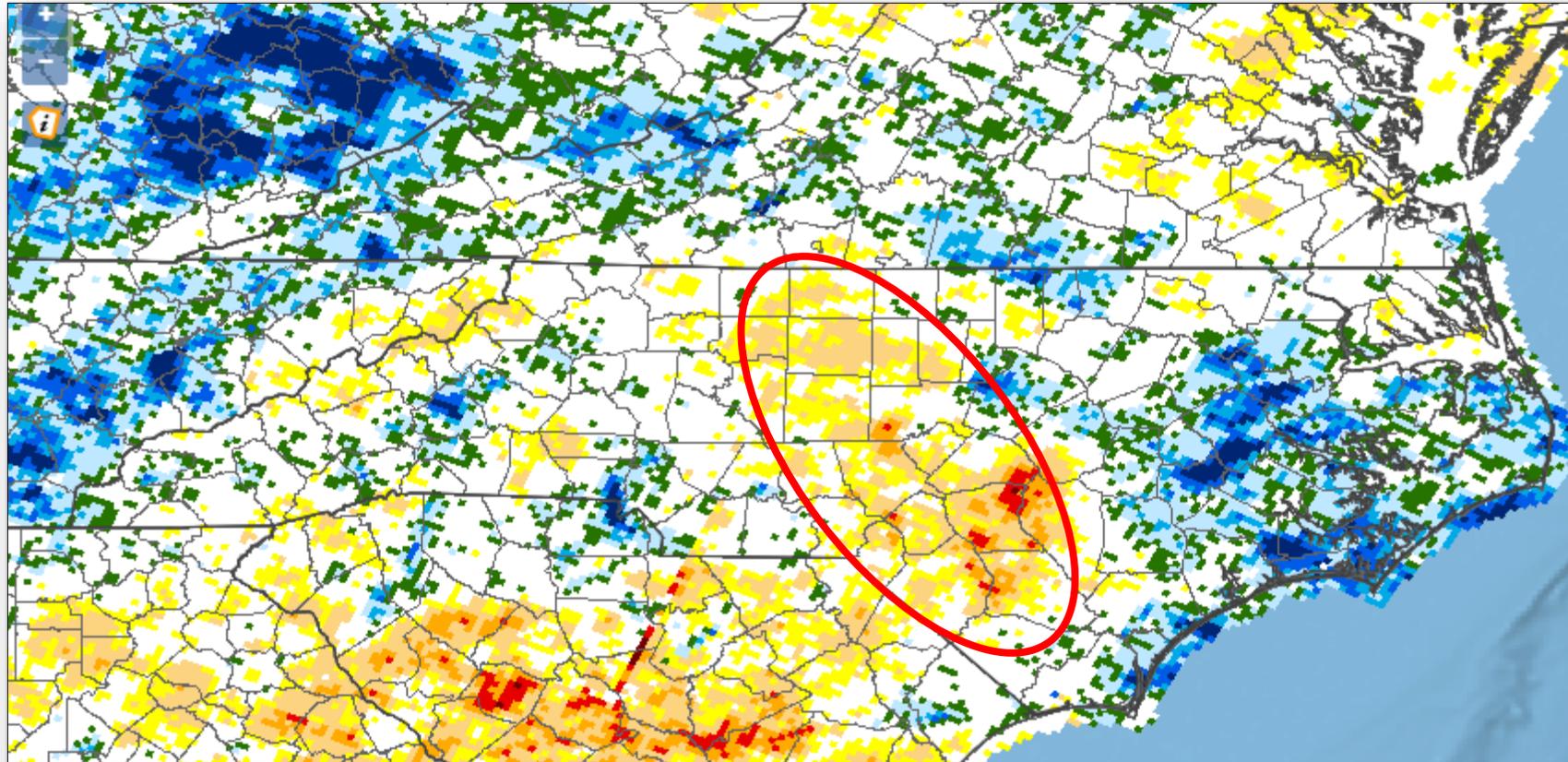
* Indicates tied percentile

Minimum



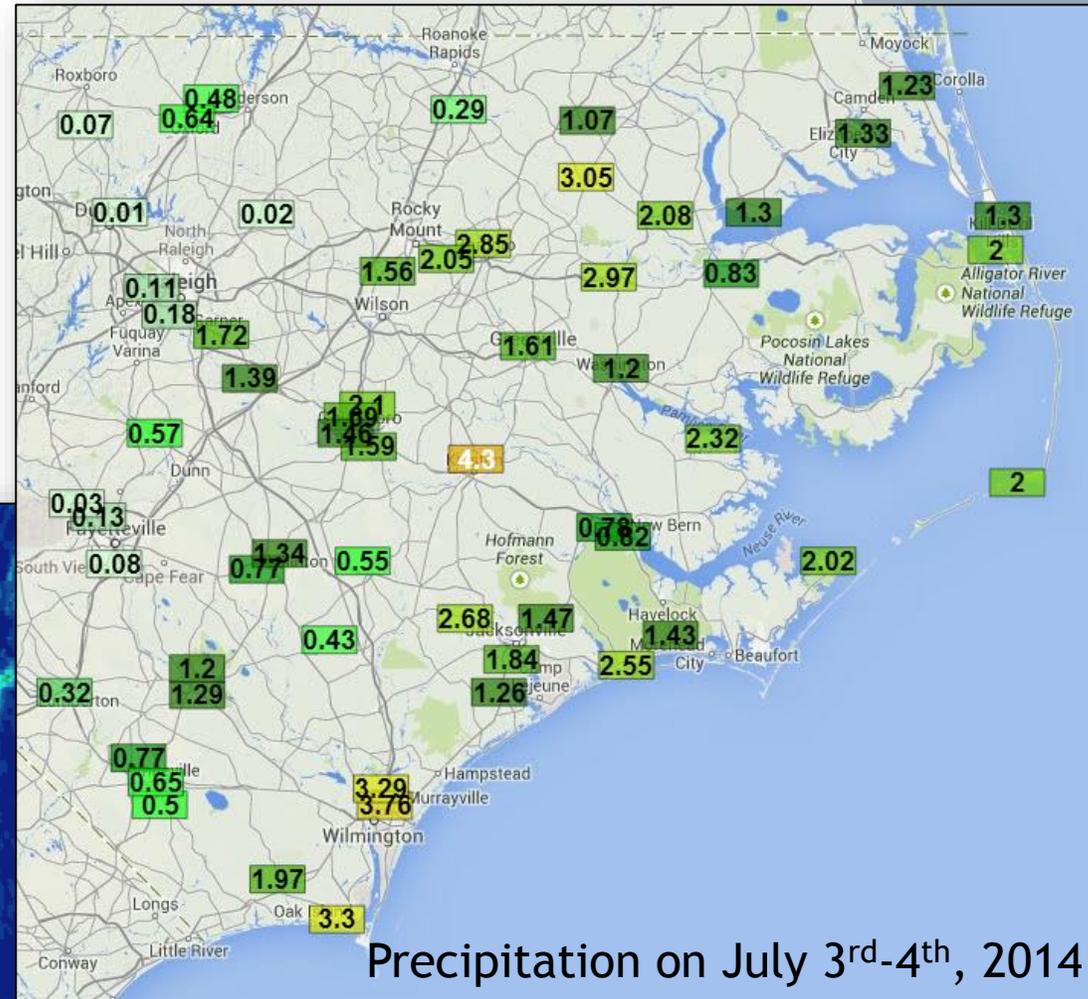
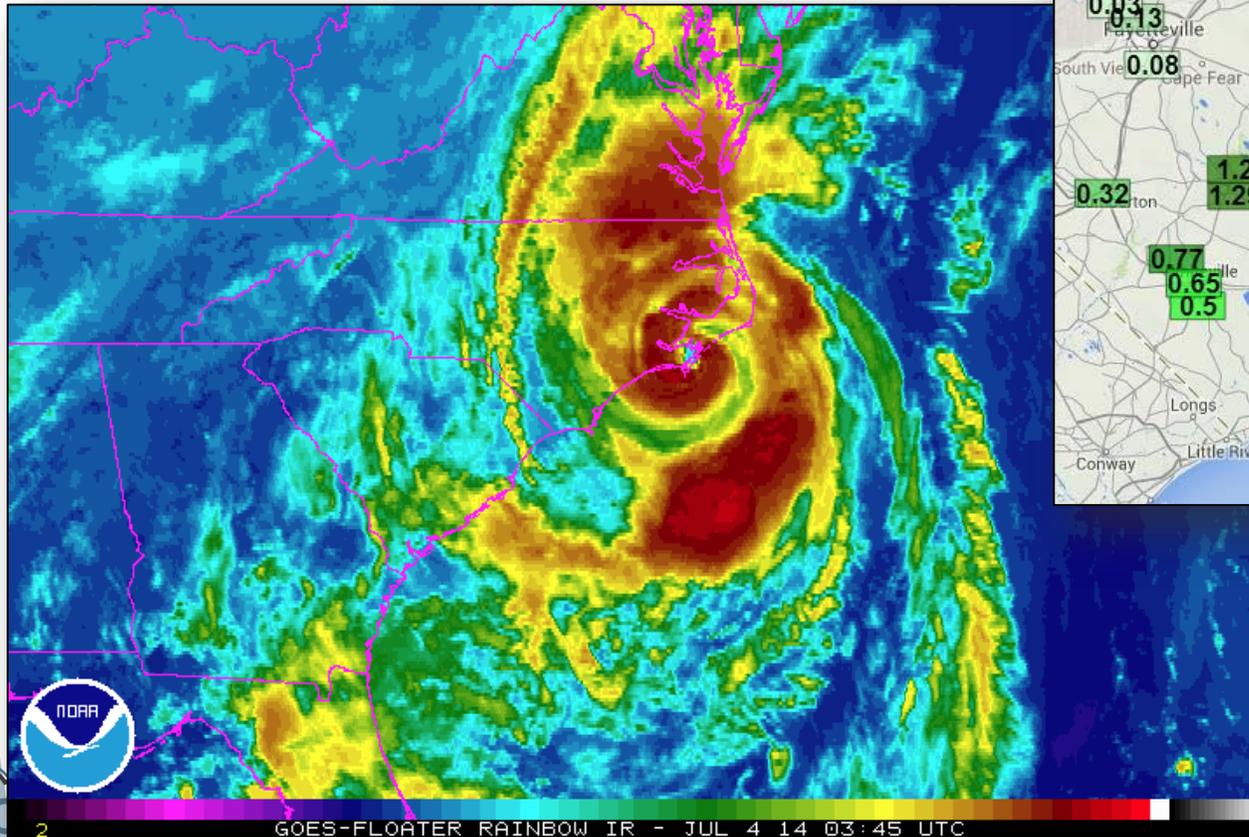
Summer 2014

90-Day SPI for August 31, 2014



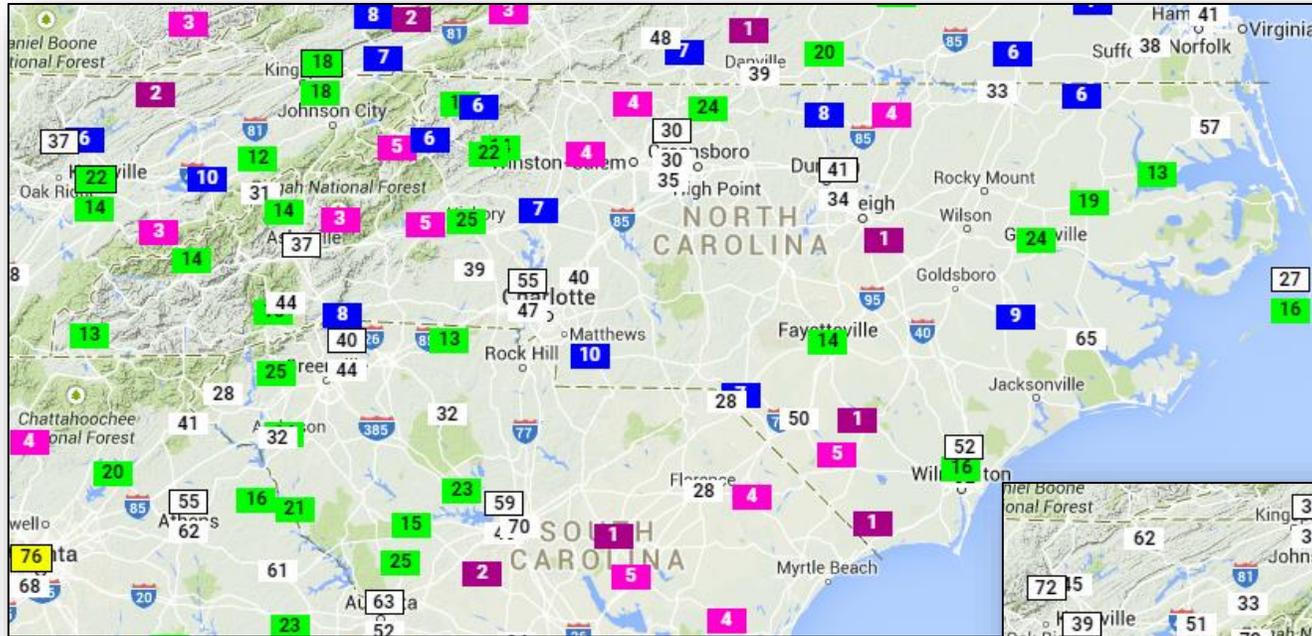
Hurricane Arthur

- ▶ Landfall as category-2 storm on July 3rd near Beaufort, NC
- ▶ Earliest known landfalling storm in NC

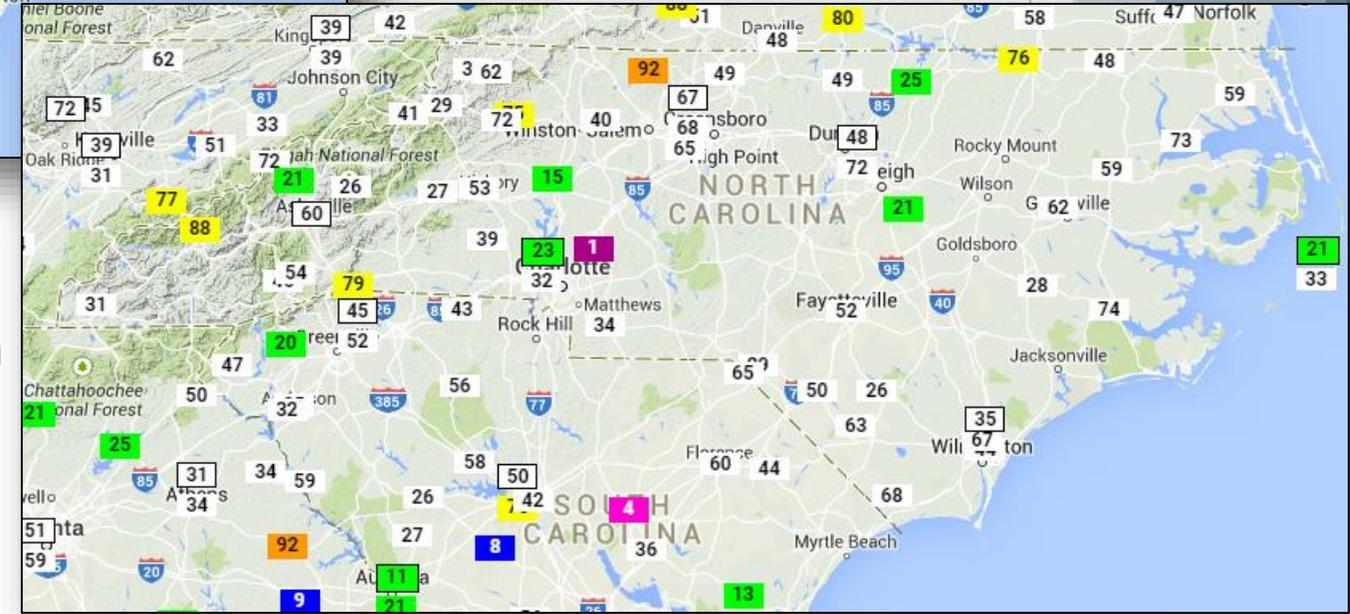


Autumn 2014

Season-to-Date Temperature Percentiles for November 30, 2014



Maximum



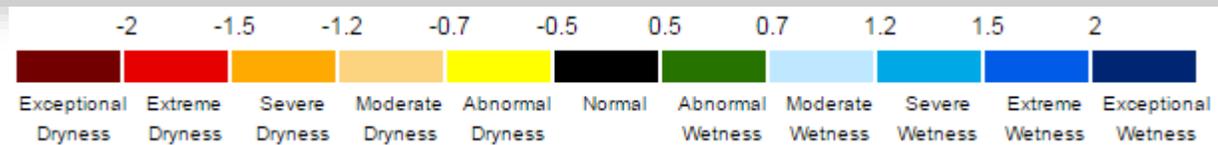
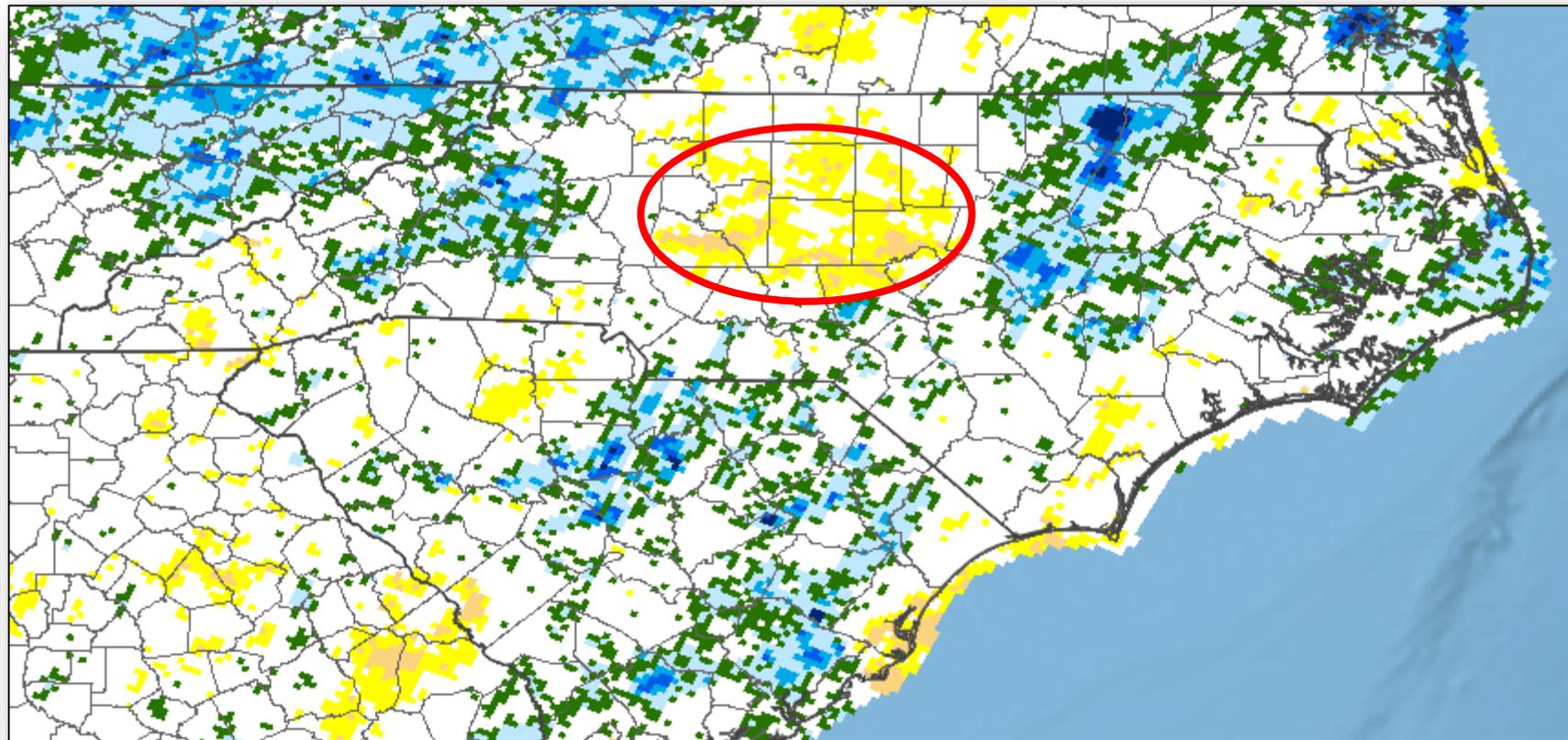
Minimum

Legend Percentile	
	≥ 98%
	≥ 95%
	≥ 90%
	≥ 75%
	-
	≤ 25%
	≤ 10%
	≤ 5%
	≤ 2%

* Indicates tied percentile

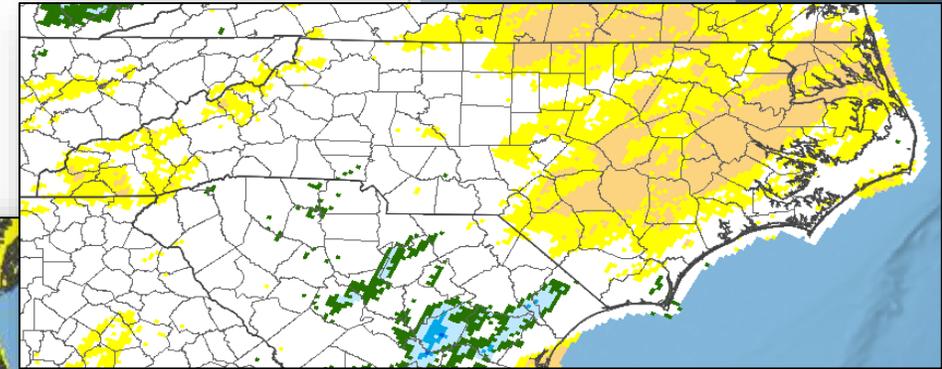
Autumn 2014

90-Day SPI for November 30, 2014

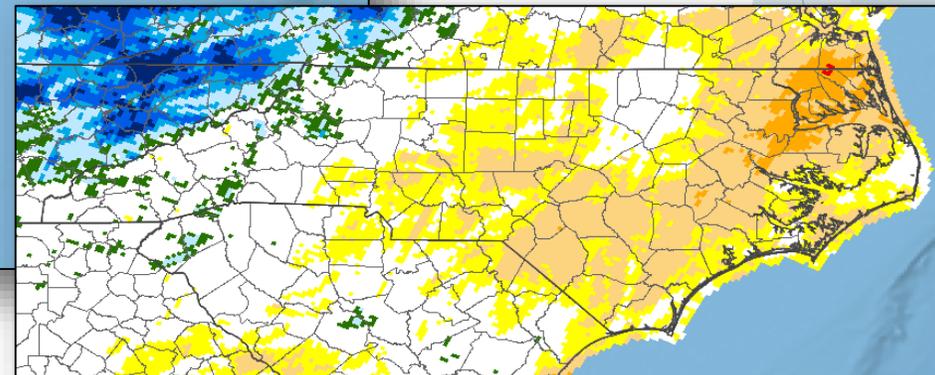


USDM November 25, 2014

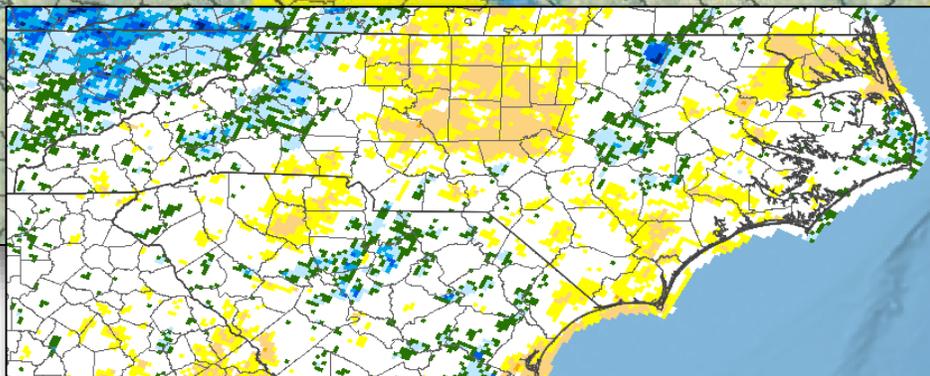
30-Day SPI, November 25, 2014



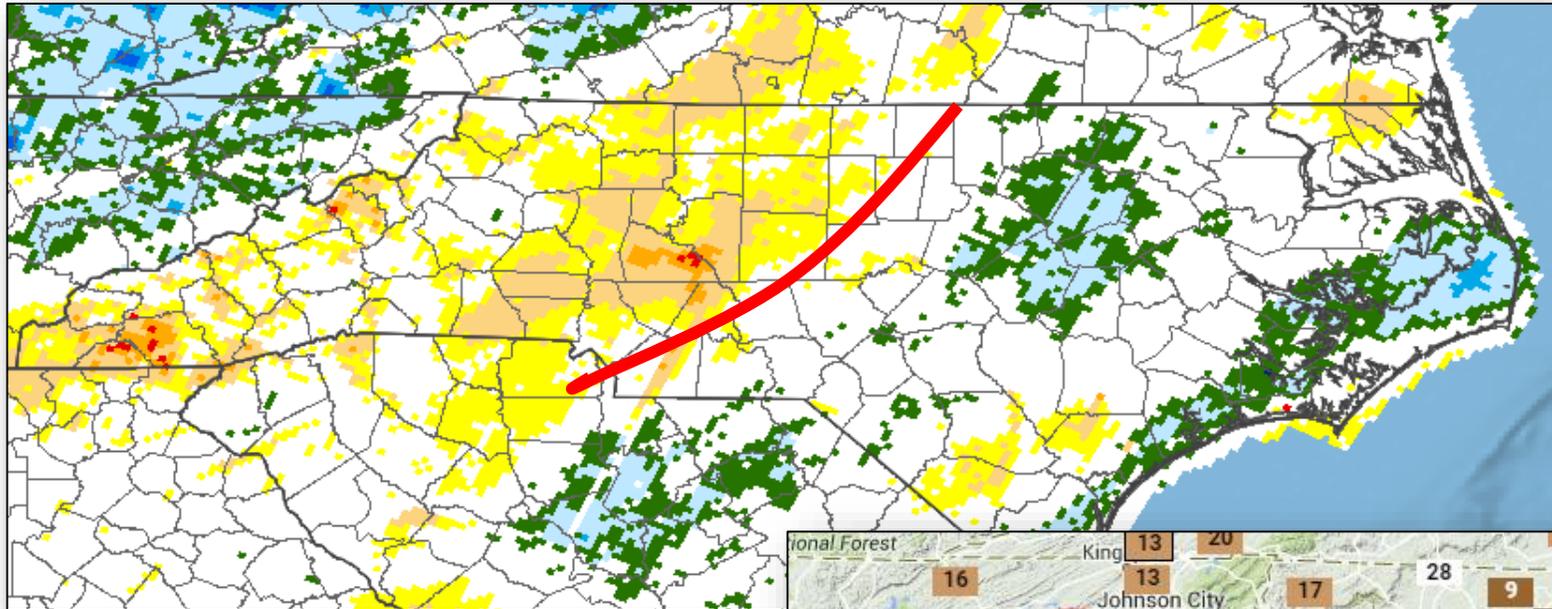
60-Day SPI, November 25, 2014



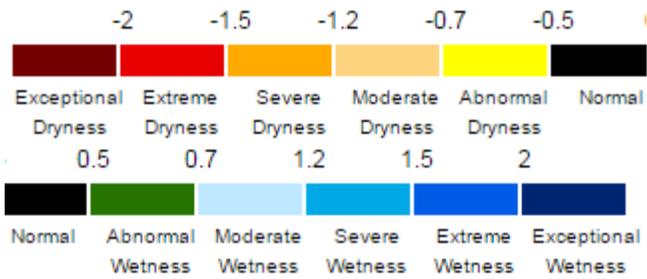
90-Day SPI, November 25, 2014



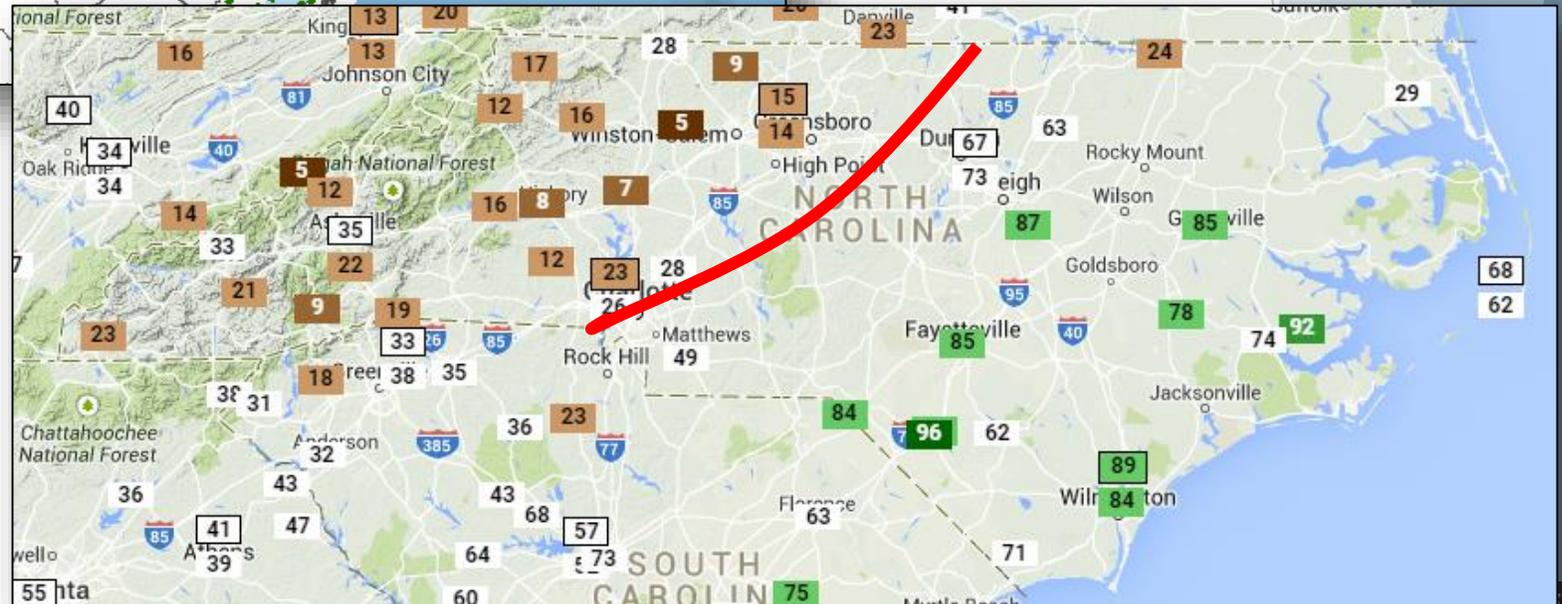
Winter 2014-2015



SPI

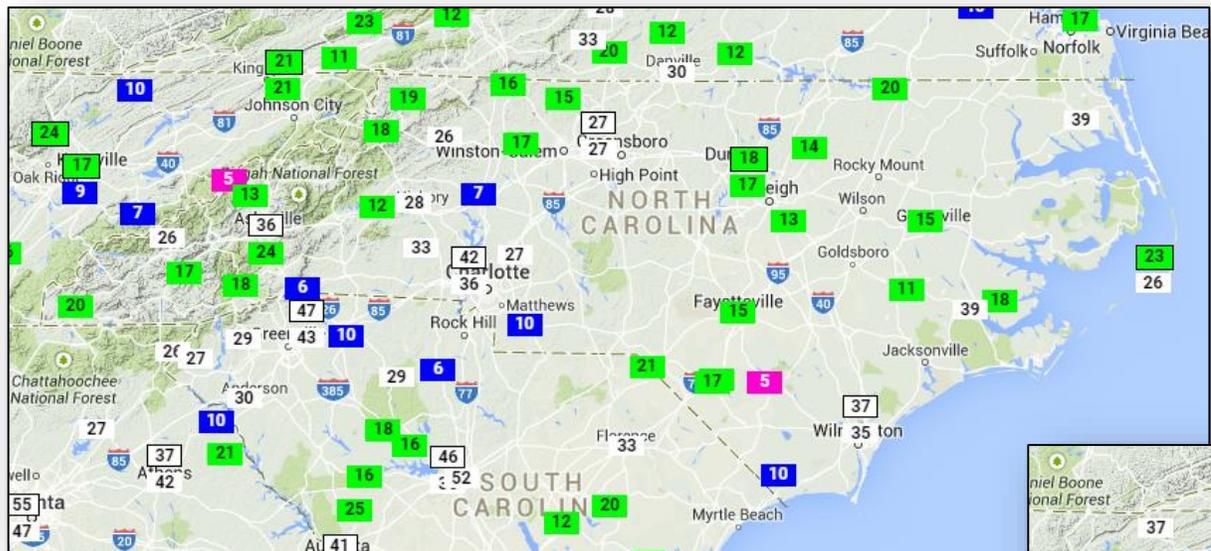


Precipitation Percentiles

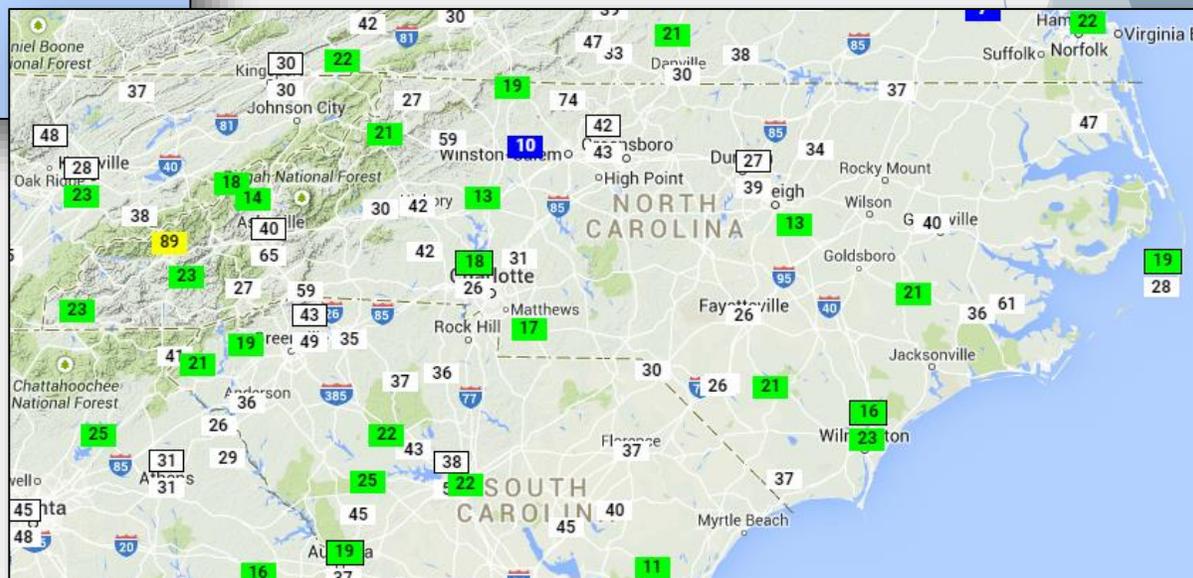


Winter 2014-2015

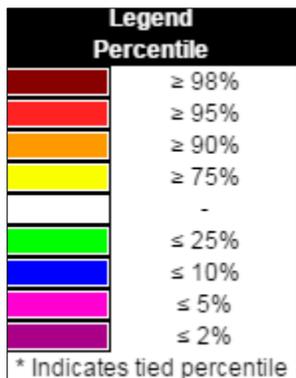
3-month Temperature Percentiles ending February 28, 2015



Maximum

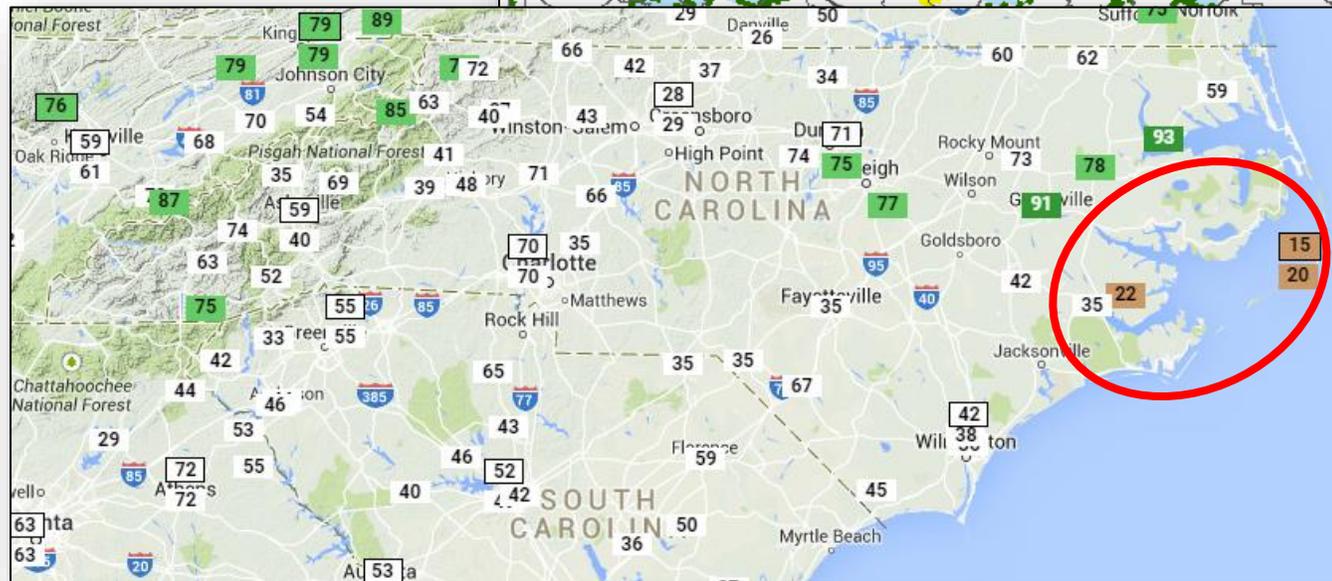
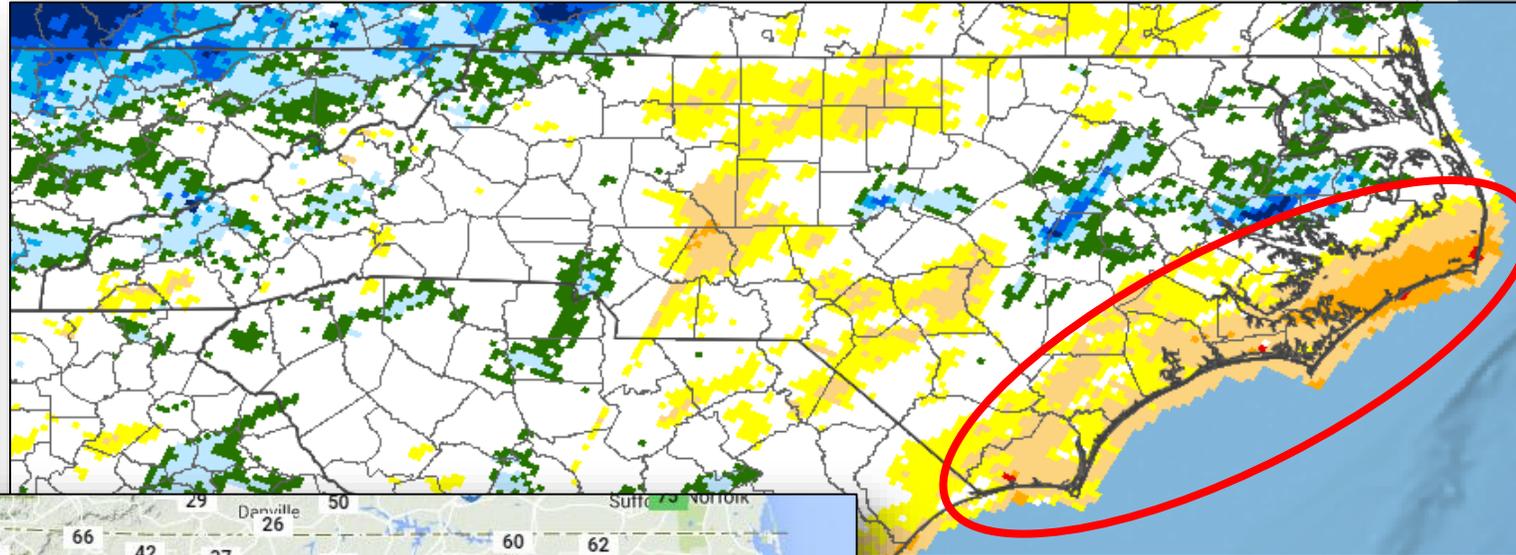


Minimum



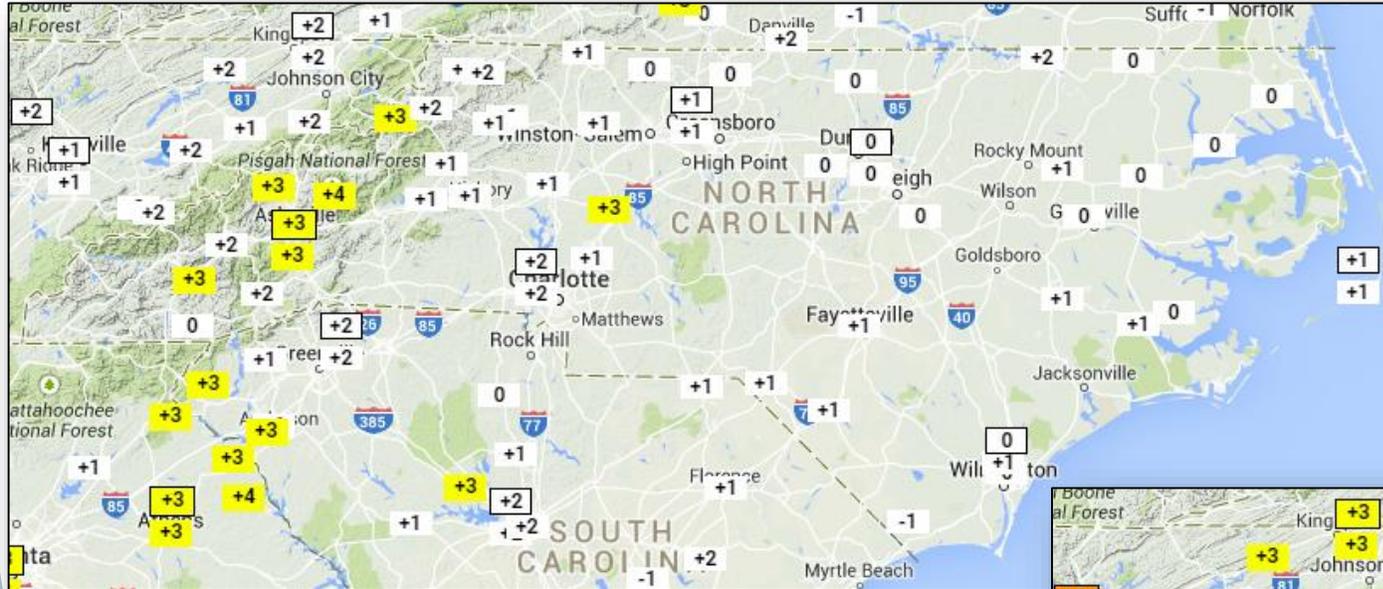
Spring 2015 So Far

60-Day SPI
ending
April 28, 2015

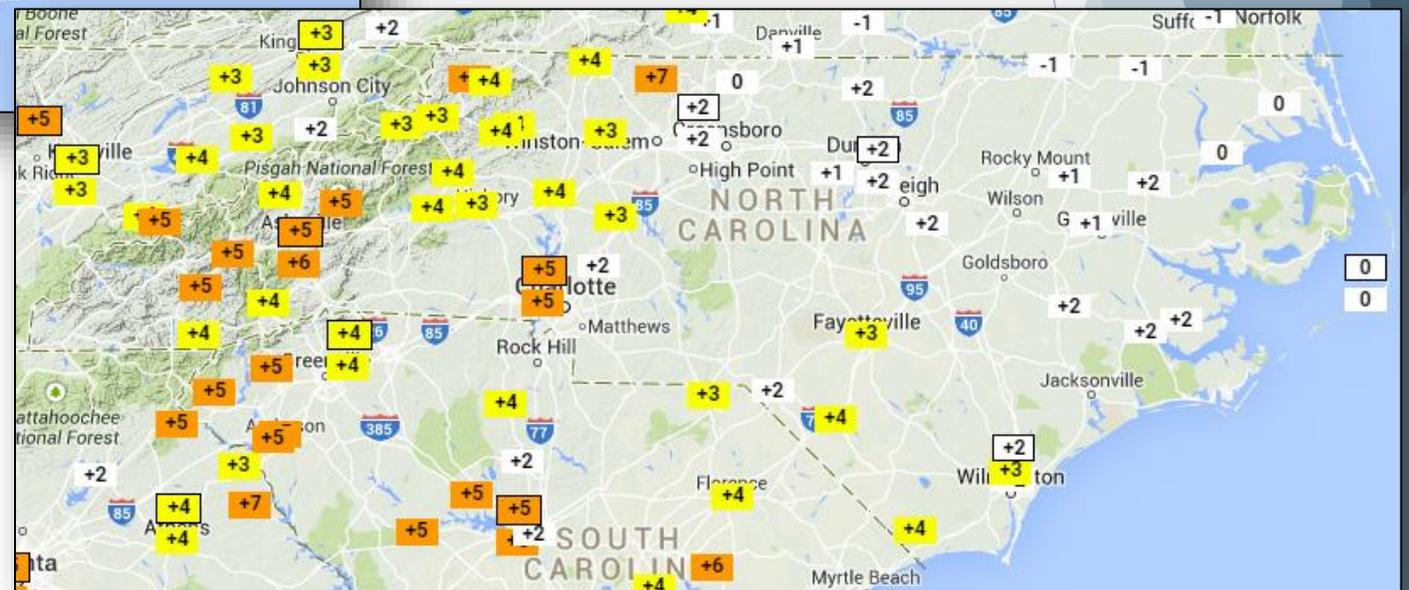


Season-to-Date
Precipitation
Percentiles
ending
April 26, 2015

Spring 2015 So Far



Maximum



Minimum

Season to date temperature departures from normal, ending April 26, 2015

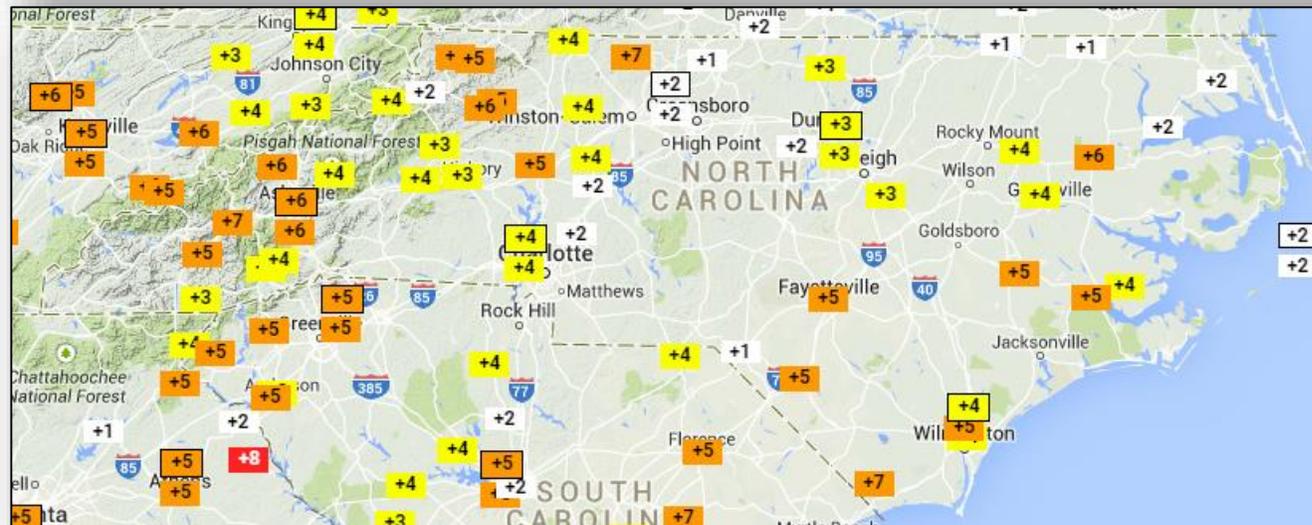
Last 2-Weeks (ending April 26, 2015)

Maximum

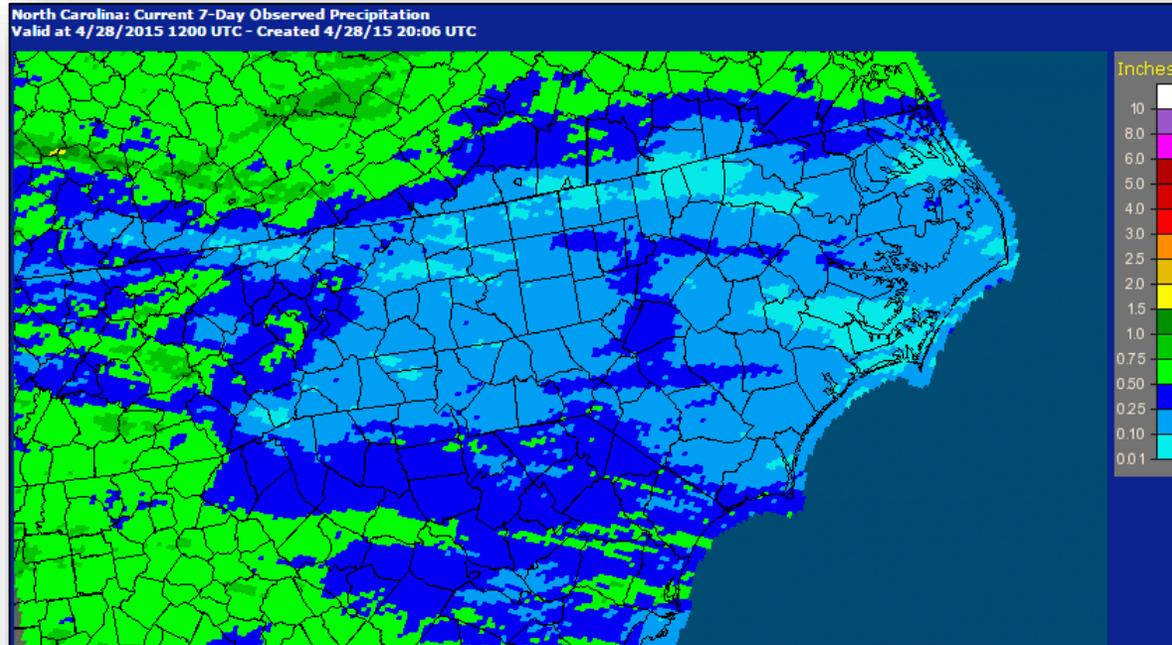


14-Day
Temperature
departures
from normal

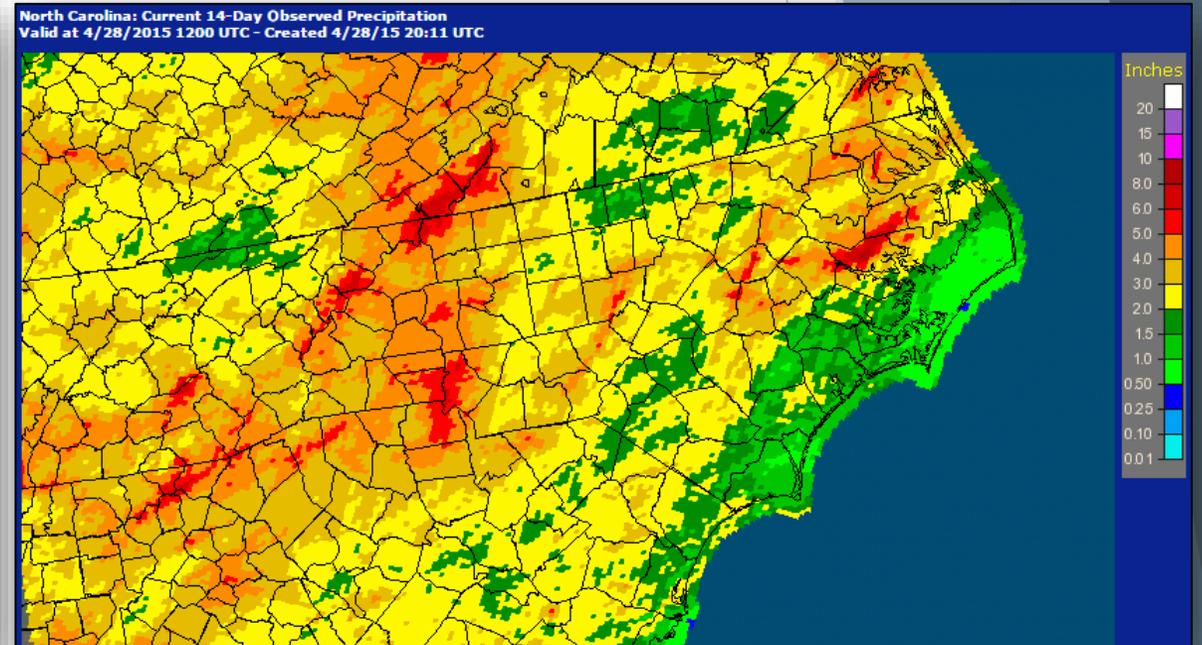
Minimum



Last 2-Weeks (ending April 28, 2015)

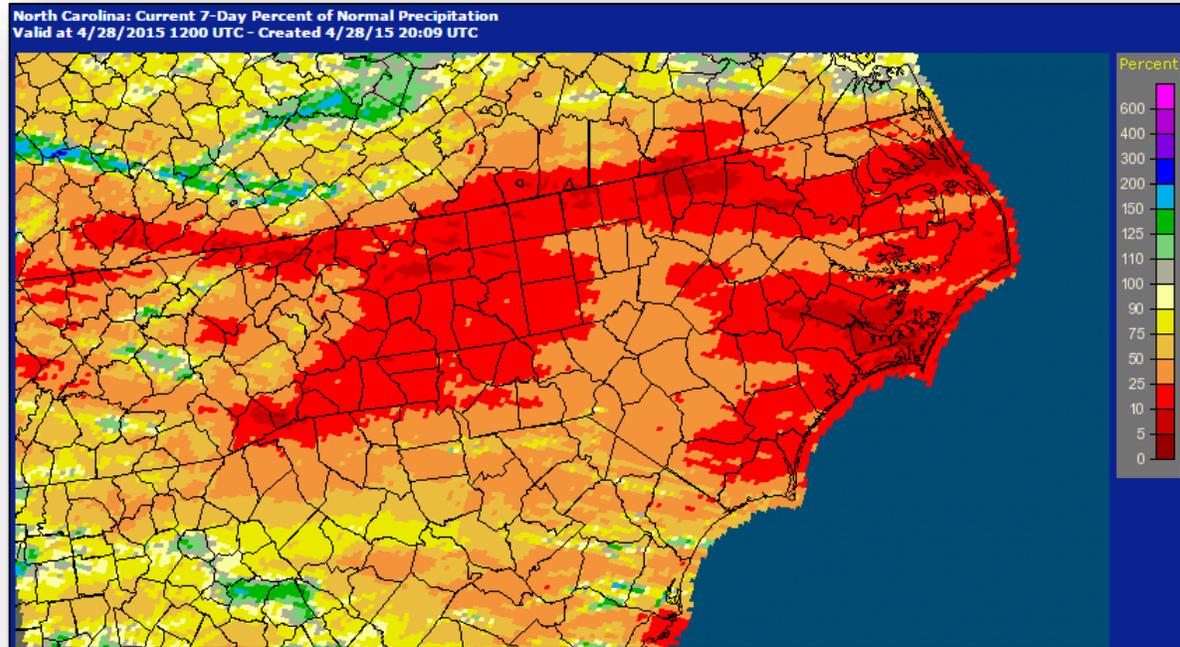


7-Day Precipitation

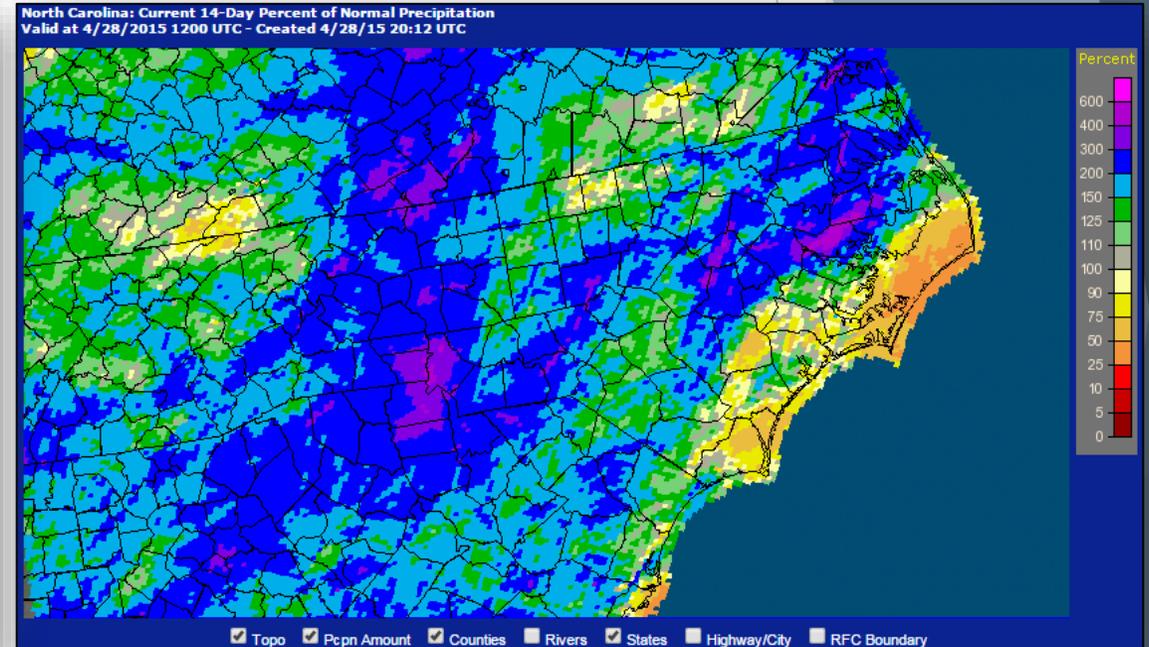


14-Day Precipitation

Last 2-Weeks (ending April 28, 2015)



7-Day Percent of Normal



14-Day Percent of Normal

In Conclusion

- ▶ Temperatures: cool
- ▶ Precipitation
 - ▶ No huge deficits
 - ▶ Some places to keep an eye on
- ▶ www.nc-climate.ncsu.edu/drought
- ▶ www.nc-climate.ncsu.edu/water/map
- ▶ <http://www.sercc.com/climper/Map.php?frame=true&>