Climate Review for the month of April 2014

Presented by:

National Weather Service

Newport/Morehead City

Summary

April was a warm and wet month. During the month, surface high pressure dominated the region, bringing an average max temperature into the mid 60s to mid 70s while average min temperatures ranged in the upper 40s to low 50s. Overall, the average temperature was up 3 degrees above normal for the month. Not only was it a warm month, we also had shortwaves, cold fronts, and stationary fronts affect the area. This caused an increase of rainy weather bringing rainfall amount above normal across the entire CWA.

Lastly, this past month, severe weather was fairly active compared to April 2013. Eastern NC had two tornado events that caused a great deal of damage. The first event was on April 7, produced an EF-2 tornado over Pantego and Belhaven. The second event was on April 25, which produced an EF-0 over Shine, in Greene county and an EF-3 over the areas of Chicod, Chocowinity and Bath, within the border of Pitt and Beaufort county. Full event write up is located: http://www.weather.gov/mhx/SignificantEvents

Average Temperatures within our CWA

	Avg_ Max	Avg_Max Normal	Avg_ Min	Avg_Min Normal
Beaufort	69.6	na	54.2	na
Cape Hatteras	65.8	67.7	52.9	51.8
New Bern	76.3	72.4	51.7	49.7
Greenville	74.0	72.4	49.7	48.3
Kinston	76.6	76.2	51.7	47.6
Williamston	72.3	71.2	49.4	47.6
Plymouth	74.2	74.2	49.7	47.6
Bayboro	73.6	74.2	49.2	48.4

Average temperatures were up to 3 degrees above normal.

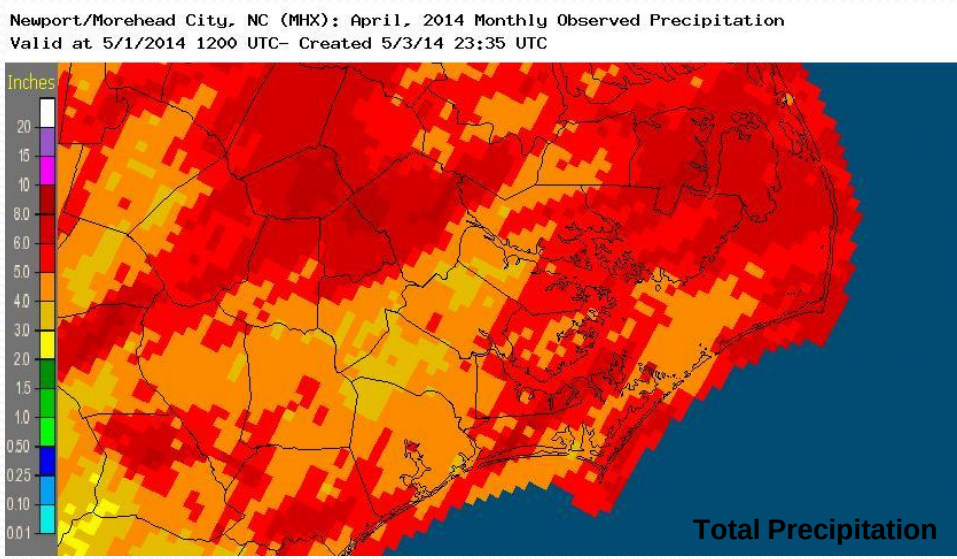
Max and Min Temperature within our CWA

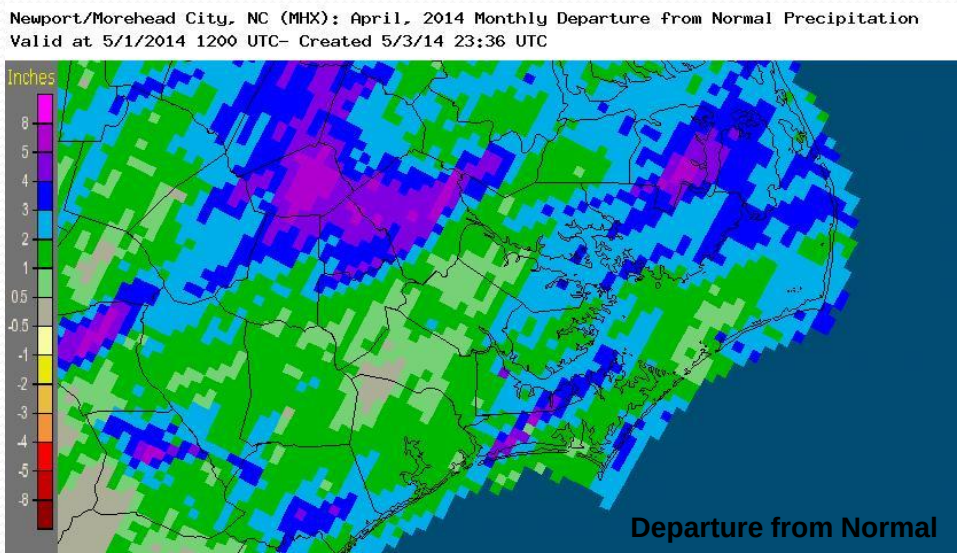
	MAX	MIN
Beaufort	81	40
Cape Hatteras	78	37
New Bern	90	37
Greenville	87	34
Kinston AG	86	36
Williamston	87	35
Plymouth	87	35
Bayboro	86	37

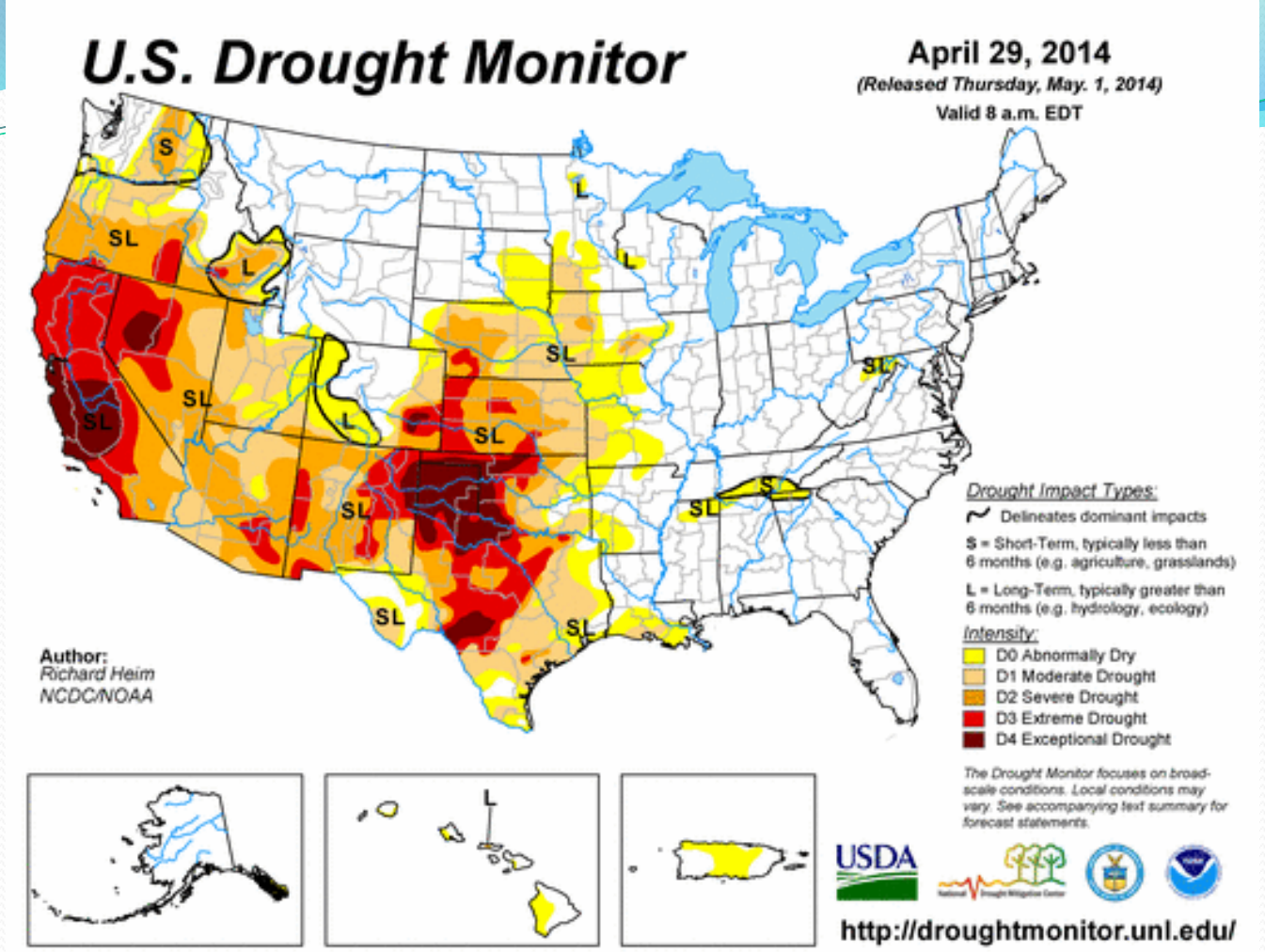
April's Rain versus Normal

	Precipitation (inches)	Normal	Differences
Beaufort	3.36	na	na
Cape Hatteras	5.8	3.29	**2.5**
New Bern	4.83	3.4	**1.4**
Greenville	8	3.19	**4.8**
Kinston	4.32	3.19	**1.1**
Williamston	5.97	3.16	**2.8**
Plymouth	4.59	3.49	**1.1**
Bayboro	4.38	3.34	**1.0**

Above normal rainfall across the entire CWA. With the highest amounts over Lenoir, Greene, Pitt and parts of Martin.



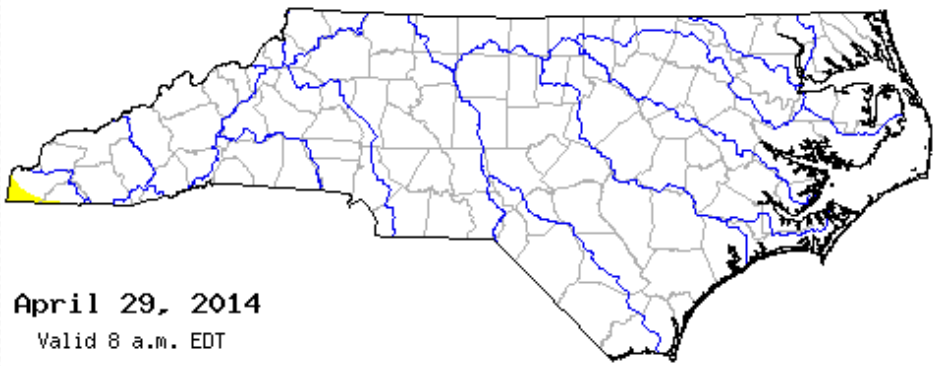


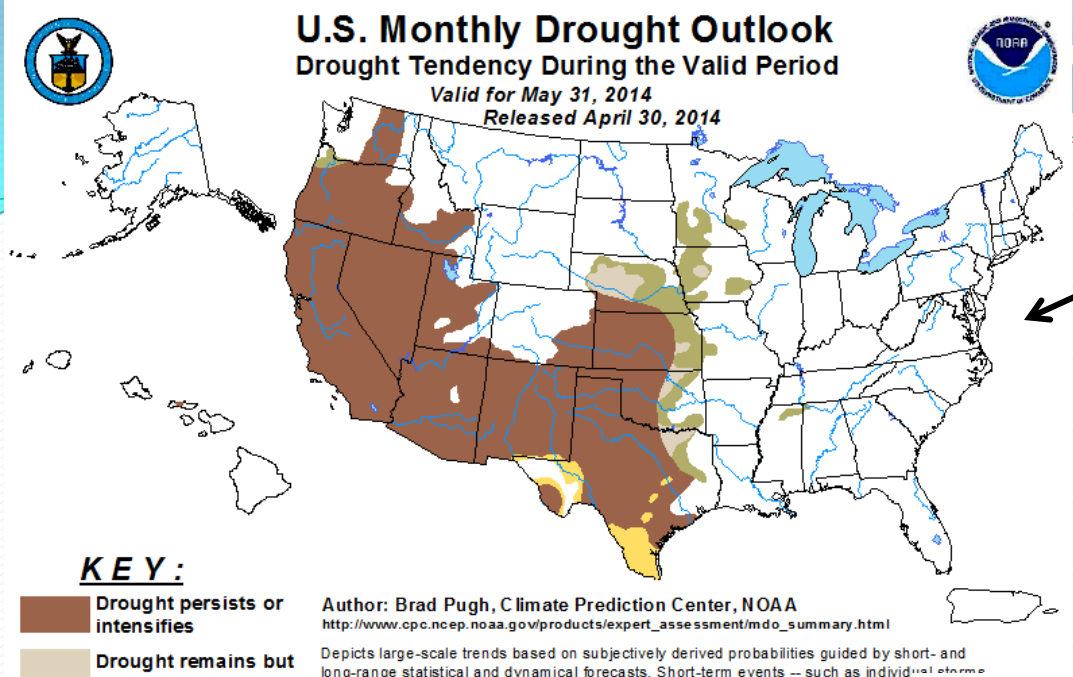

U.S. Drought Monitor
April 29, 2014
(Released Thursday, May. 1, 2014)
Valid 8 a.m. EDT
Author:
Richard Heim
NCDC/NOAA
Drought Impact Types:
Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)
Intensity:
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.
USDA
http://droughtmonitor.unl.edu/

Before


April 1, 2014
Valid 8 a.m. EDT

Now


April 29, 2014
Valid 8 a.m. EDT



Monthly Drought Outlook

Seasonal Drought Outlook