Climate Review for the month of March 2014

Presented by:

National Weather Service

Newport/Morehead City

Summary

March was a cold and wet month. The upper level trough continued to effect the east coast, therefore bringing a series of low pressure systems and cold front to effect the area. With ENSO still being neutral, the East Pacific-North Pacific teleconnection continued to play a role with our cold temperatures and storm development. Average max temperature during March were in the upper 50s to low 60s and average min temperatures were in the upper 30s to low 40s. Overall, average temperatures were 5 degrees below normal. The area received one last winter storm bringing a mix sleet and freezing rain across the area on the 3rd . For the rest the rest of the month, precipitation was near to above normal with 3 to 6 inches of total precipitation within our coverage area.

Average Temperatures within our CWA

	Avg_ Max	Avg_Max Normal	Avg_ Min	Avg_Min Normal
Beaufort	59.1	na	40.7	na
Cape Hatteras	56.1	60.2	40.9	44.5
New Bern	61.8	64.3	38.2	42.1
Greenville	59.7	63.3	36.5	40.3
Williamston	57.1	63.0	34.7	41.0
Plymouth	60.2	65.4	36.2	40.6
Bayboro	60.1	66.0	38.2	41.2

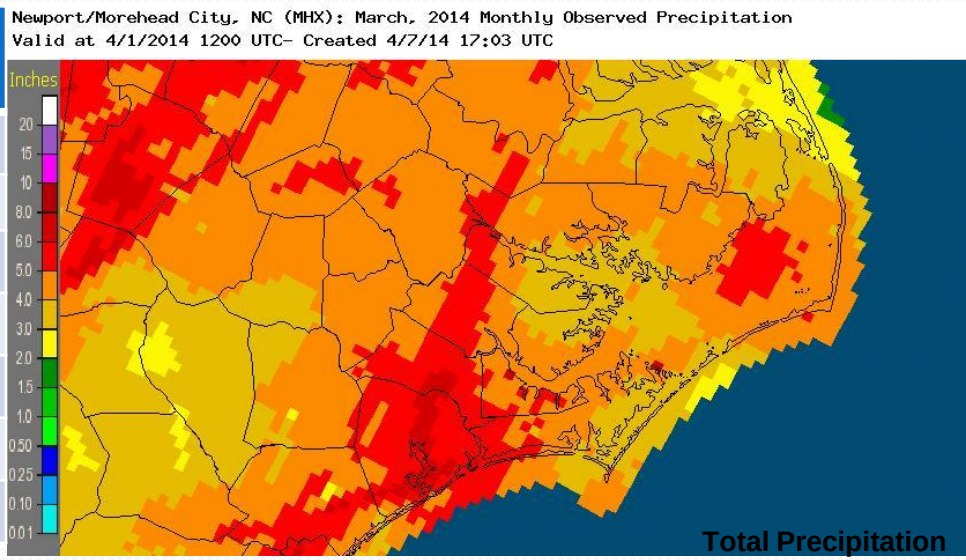
Average temperatures were 4 to 6 below normal.

Max and Min Temperature within our CWA

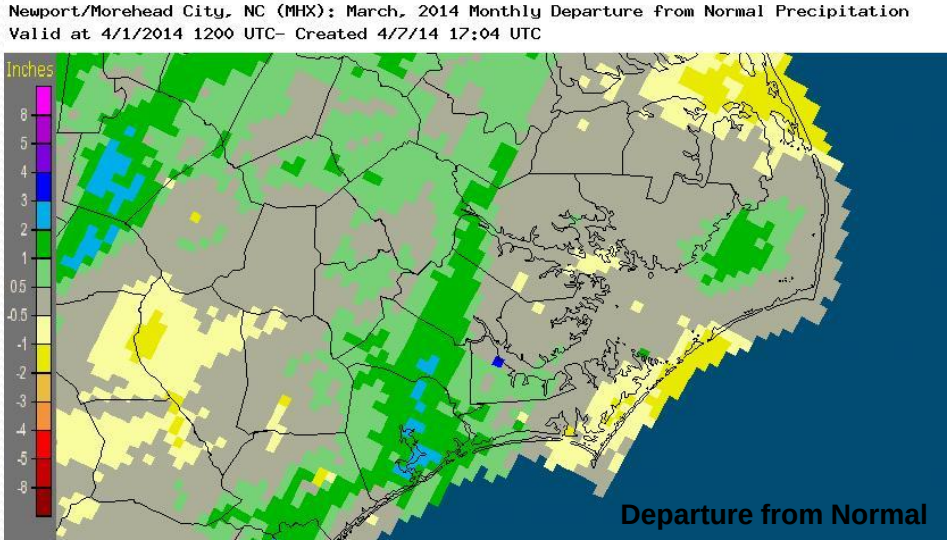
	MAX	MIN
Beaufort	71	26
Cape Hatteras	67	27
New Bern	81	23
Greenville	79	18
Williamston	79	18
Plymouth	79	22
Bayboro	78	27

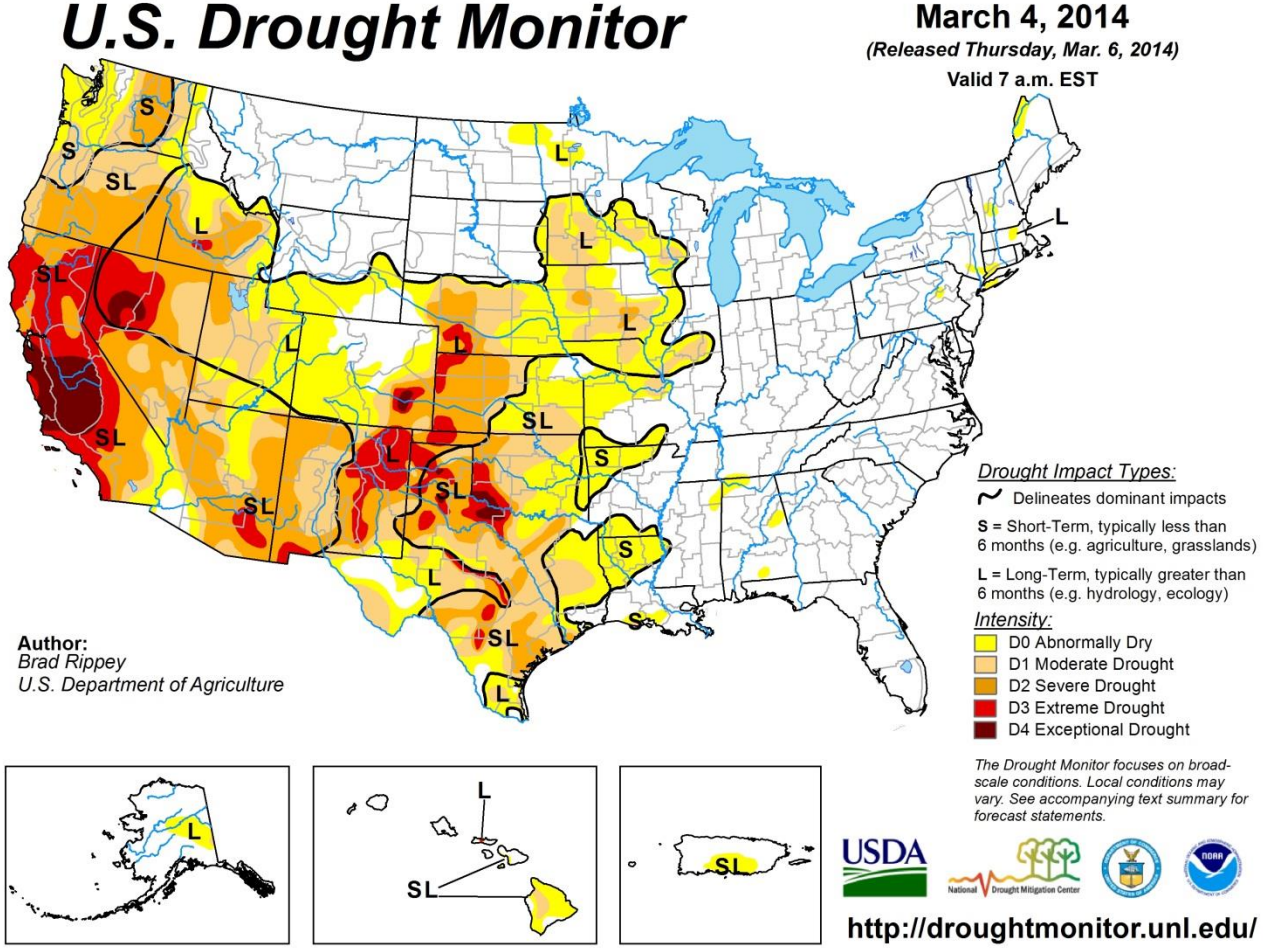
March's Rain versus Normal

	Precipitation (inches)	Normal	Differences
Beaufort	3.18	Na	na
Cape Hatteras	5.48	4.95	**0.53**
New Bern	4.6	4.49	**0.11**
Greenville	4.9	4.07	**0.83**
Williamston	5.8	4.33	**1.47**
Plymouth	4.97	4.72	**0.25**
Bayboro	4.71	4.08	**0.63**



Precipitation fell evenly throughout the coverage area. A few locations received more precip versus other locations.
Overall, 2 to 5 inches fell (this includes the water equivalence of melted snow/sleet).



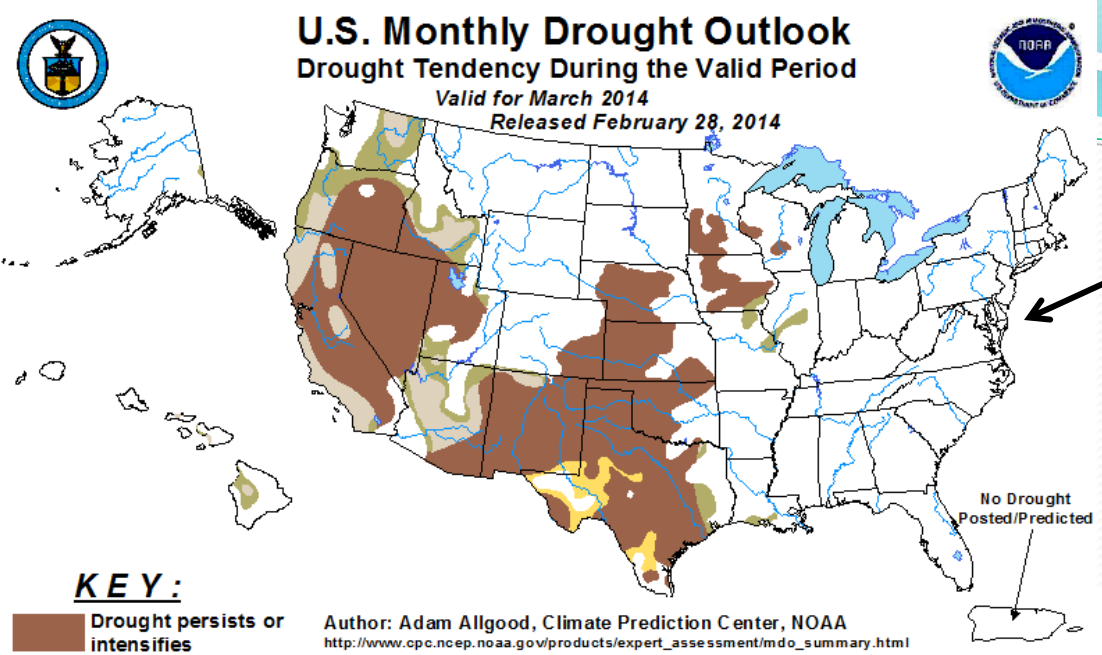

U.S. Drought Monitor
March 4, 2014
(Released Thursday, Mar. 6, 2014)
Valid 7 a.m. EST
Author:
Brad Rippey
U.S. Department of Agriculture
Drought Impact Types:
Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 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
National Drought Mitigation Center
http://droughtmonitor.unl.edu/

Before


March 4, 2014
Valid 8 a.m. EDT

Now


April 1, 2014
Valid 8 a.m. EDT



Monthly Drought Outlook

Seasonal Drought Outlook