Climate Review for the month of February 2015 (updated)

Presented by:

National Weather Service

Newport/Morehead City

Summary

Several intrusions of Arctic Air led to one of the coldest months of February on record. New Bern recorded its second coldest February on record, while Cape Hatteras had its third coldest. There were numerous morning low temperatures in the teens, with temperatures on February 20th falling into the single digits in some northern locations. There were also three separate episodes of snow, sleet and freezing rain late in the month. Precipitation was anywhere from 1 to 3 inches above normal area-wide.

Average Temperatures within our CWA in February 2015

	Avg_ Max	Avg_Max Normal	Avg_ Min	Avg_Min Normal
Beaufort	48.1	55.4	29.1	38.7
Cape Hatteras	47.8	53.8	29.1	40.0
New Bern	49.5	57.9	29.3	36.1
Greenville	46.1	56.3	26.6	34.3
Williamston	44.8	54.8	25.5	32.9
Plymouth	47.4	57.2	26.0	35.0
Bayboro	49.8	58.0	31.4	34.6

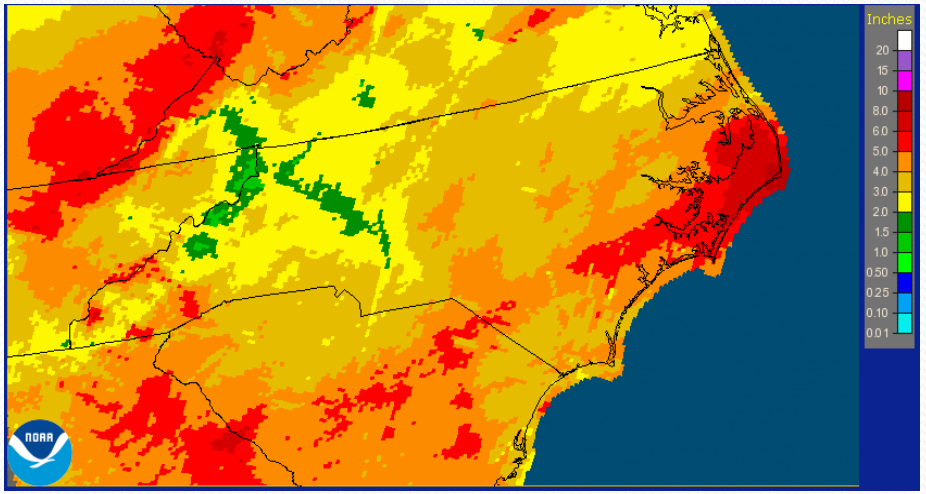
Average temperatures overall were from 6 to 10 degrees below normal.

Max and Min Temperature within our CWA in February 2015.

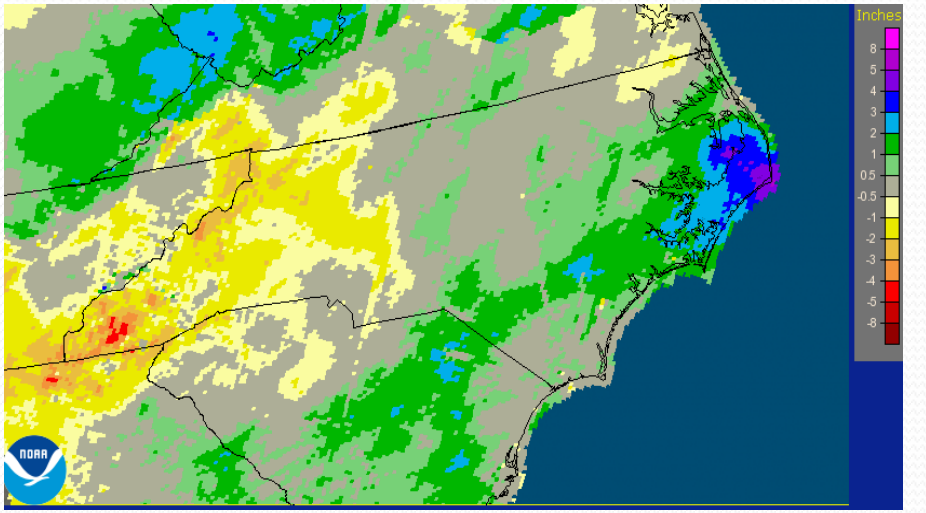
	MAX	MIN
Beaufort	62	12
Cape Hatteras	64	12
New Bern	78	11
Greenville	71	9
Williamston	70	10
Plymouth	69	7
Bayboro	73	21

February 2015 Rain versus Climate Normal

	Precipitation (inches)	Normal	Differences
Beaufort	5.28	3.2	**2.08**
Cape Hatteras	7.34	4.02	**3.32**
New Bern	3.88	3.66	**0.22**
Greenville	4.13	3.35	**0.78**
Williamston	4.08	3.15	**0.93**
Plymouth	4.09	3.3	**0.79**
Bayboro	5.94	3.21	**2.73**

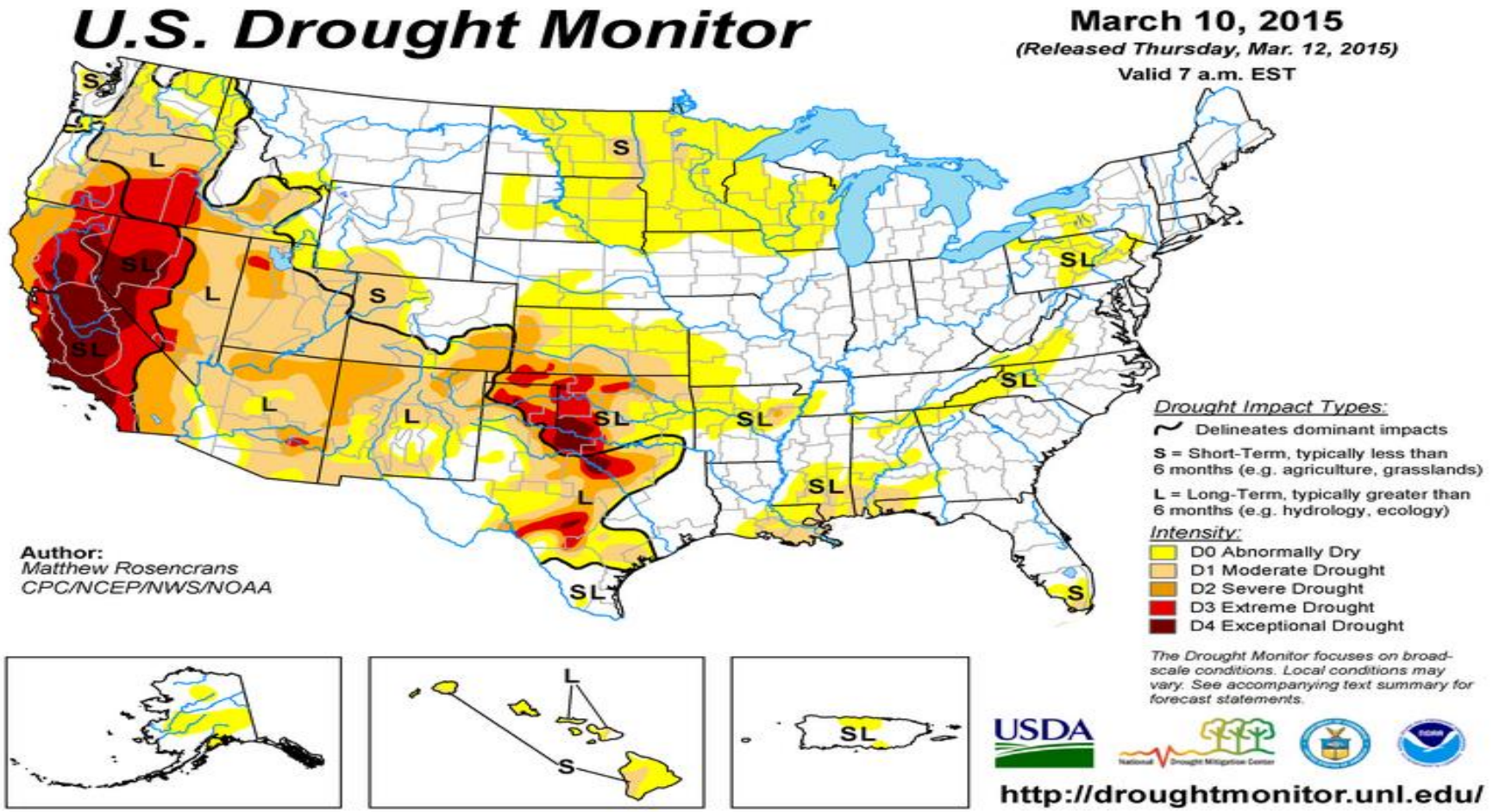


Total Precipitation

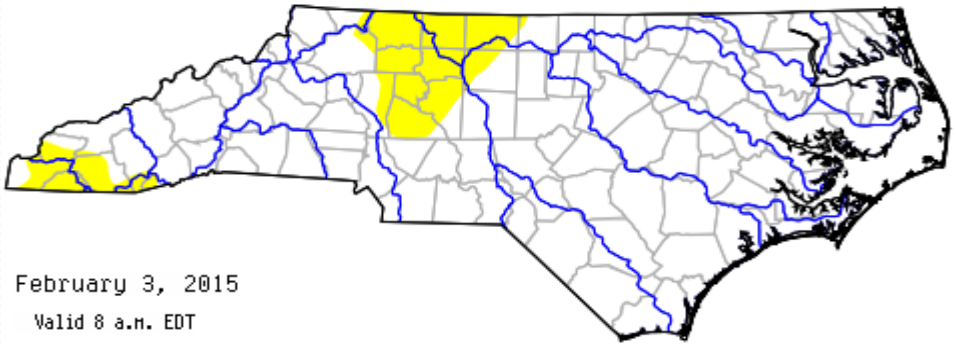


Departure from Normal

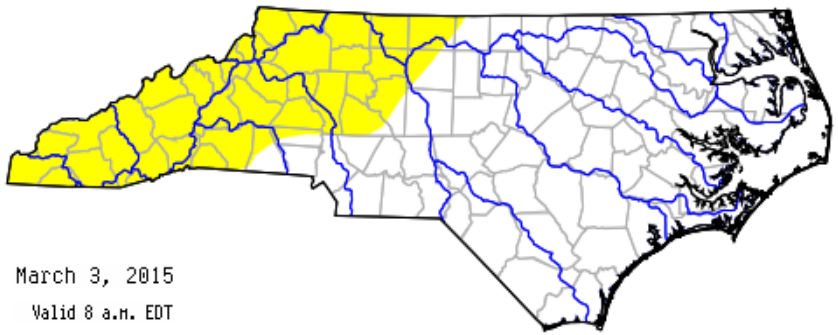
Rainfall was generally in the 4 to 7 inch range across the region. The heaviest rainfall occurred near the coast into the southern Coastal Plains.

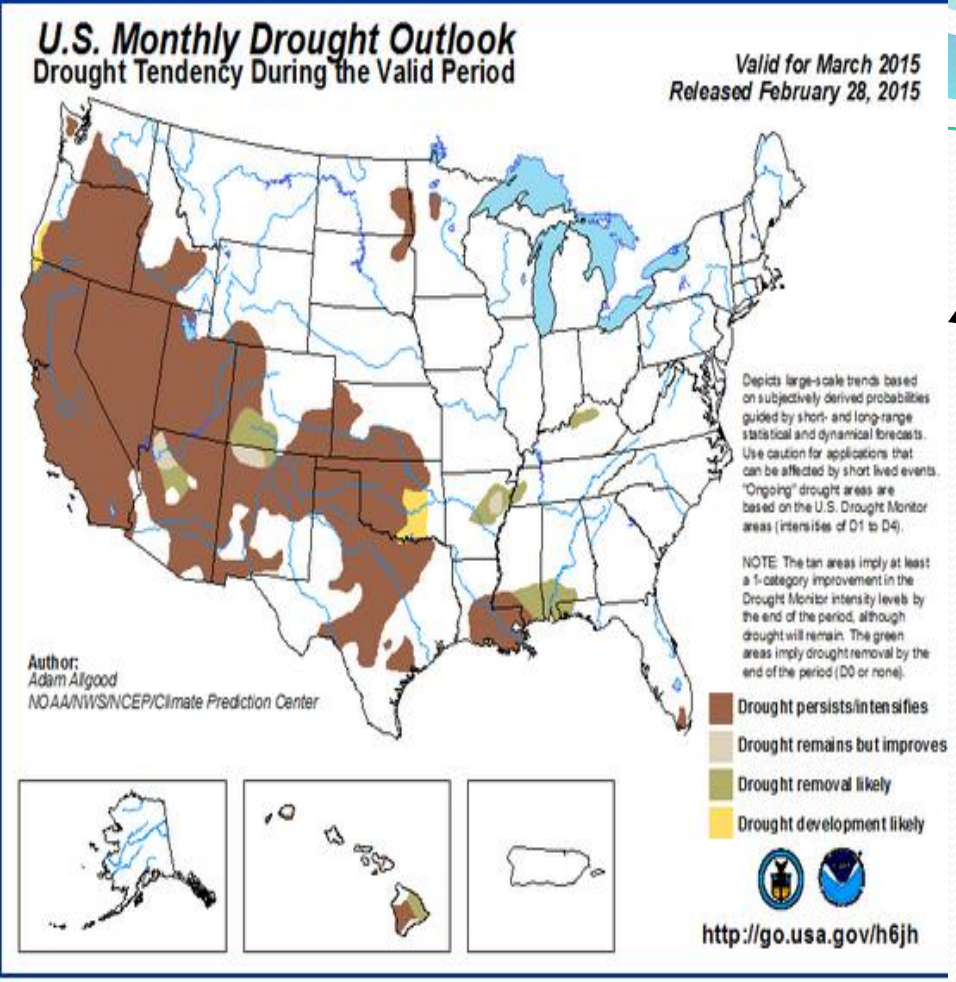

U.S. Drought Monitor
March 10, 2015
(Released Thursday, Mar. 12, 2015)
Valid 7 a.m. EST
Author:
Matthew Rosencrans
CPC/NCEP/NWS/NOAA
Drought Impact Types:
Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (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


February 3, 2015
Valid 8 a.m. EDT

Now


March 3, 2015
Valid 8 a.m. EDT



Monthly Drought Outlook

Seasonal Drought Outlook