

Climate Review for the month February 2016

Presented by:
National Weather Service
Newport/Morehead City

Summary

Several major weather systems affected eastern North Carolina during the month of February, producing heavy rainfall and a rain surplus for the entire region. A strong Nor'easter on February 7 produced several inches of rain near the coast and strong gusty winds. One up to 4 inches of snow occurred with a coastal low on the 12th. A fast moving system brought light icing to inland portions of eastern North Carolina on the morning of February 15, then on the following day, a line of severe thunderstorms produced an EF-1 tornado in Davis, North Carolina. Finally, on February 24, a strong dynamic system produced severe weather including two tornadoes and wind damage across portions of Duplin, Lenoir, Greene and Pitt Counties.

These systems combined to produce rainfall that was, in some cases, more than twice the monthly normal. Temperatures for the month of February 2016 were near normal.

DISCLAIMER : The climate data provided are preliminary and have not undergone final quality control by NCDC. Therefore...this data is subject to revision.

Average Temperatures within our CWA in February 2016

	Avg_ Max	Avg_Max Normal	Avg_ Min	Avg_Min Normal
Beaufort	54.6	55.4	39.7	38.7
Cape Hatteras	55.3	53.5	43.1	40.0
New Bern	57.3	57.9	37.0	36.1
Greenville	55.4	56.3	36.8	34.3
Williamston	55.0	54.8	35.6	32.9
Plymouth	56.2	57.2	35.5	35.0
Bayboro	57.6	58.0	38.2	34.6

While maximum temperatures in February 2016 were near or just below normal, minimum temperatures area-wide were generally 1 to 3 degrees above normal.

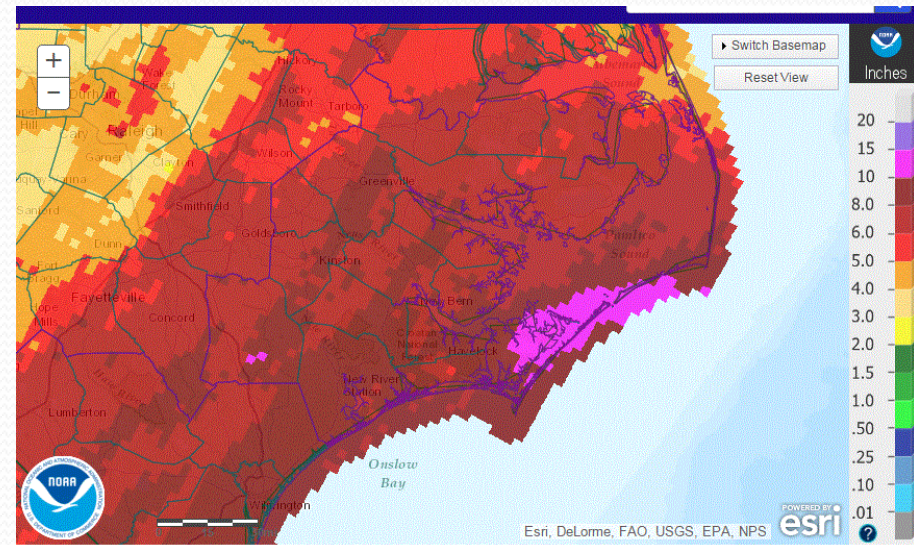
Max and Min Temperature within our CWA in February 2016.

	MAX	MIN
Beaufort	70	20
Cape Hatteras	71	22
New Bern	76	18
Greenville	76	17
Williamston	76	16
Plymouth	74	16
Bayboro	75	26

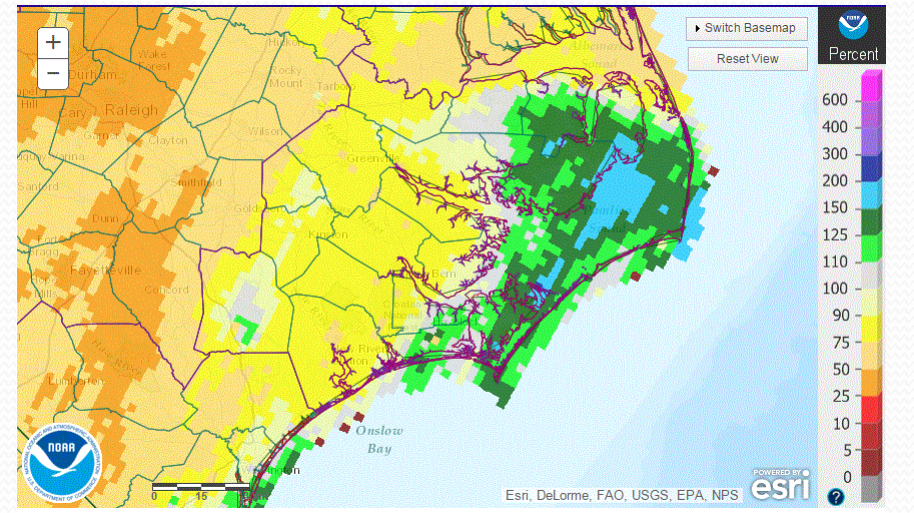
February 2016 Rain Versus Climate Normal

	Precipitation (inches)	Normal	Difference
Beaufort	6.98	3.20	3.78
Cape Hatteras	8.24	4.02	4.22
New Bern	7.31	3.66	3.65
Greenville	7.71	3.35	4.36
Williamston	8.20	3.15	5.05
Plymouth	6.41	3.30	3.11
Bayboro	7.11	3.21	3.90

Rainfall in February 2016 was 1, except for areas closer to the coast, where observed rainfall was an inch or two above normal.



Observed Precipitation



Percentage of Normal

Latest Drought Monitor for North Carolina



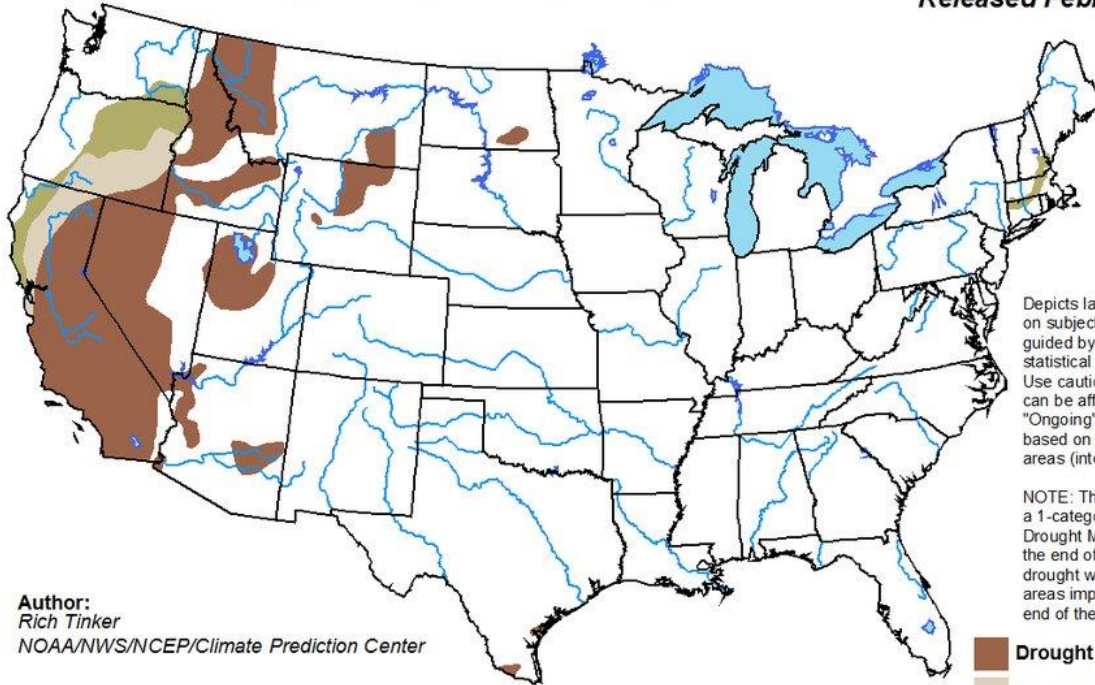
No Drought Conditions observed in North Carolina as of March 1, 2016.

Monthly Drought Outlook

For March

U.S. Monthly Drought Outlook Drought Tendency During the Valid Period

Valid for March 2016
Released February 29, 2016

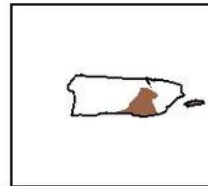
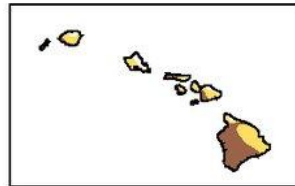


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

Author:
Rich Tinker
NOAA/NWS/NCEP/Climate Prediction Center

-  Drought persists
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely



<http://go.usa.gov/3eZGd>