

Climate Review for the month October 2017

Presented by:
National Weather Service
Newport/Morehead City

October 2017 Summary

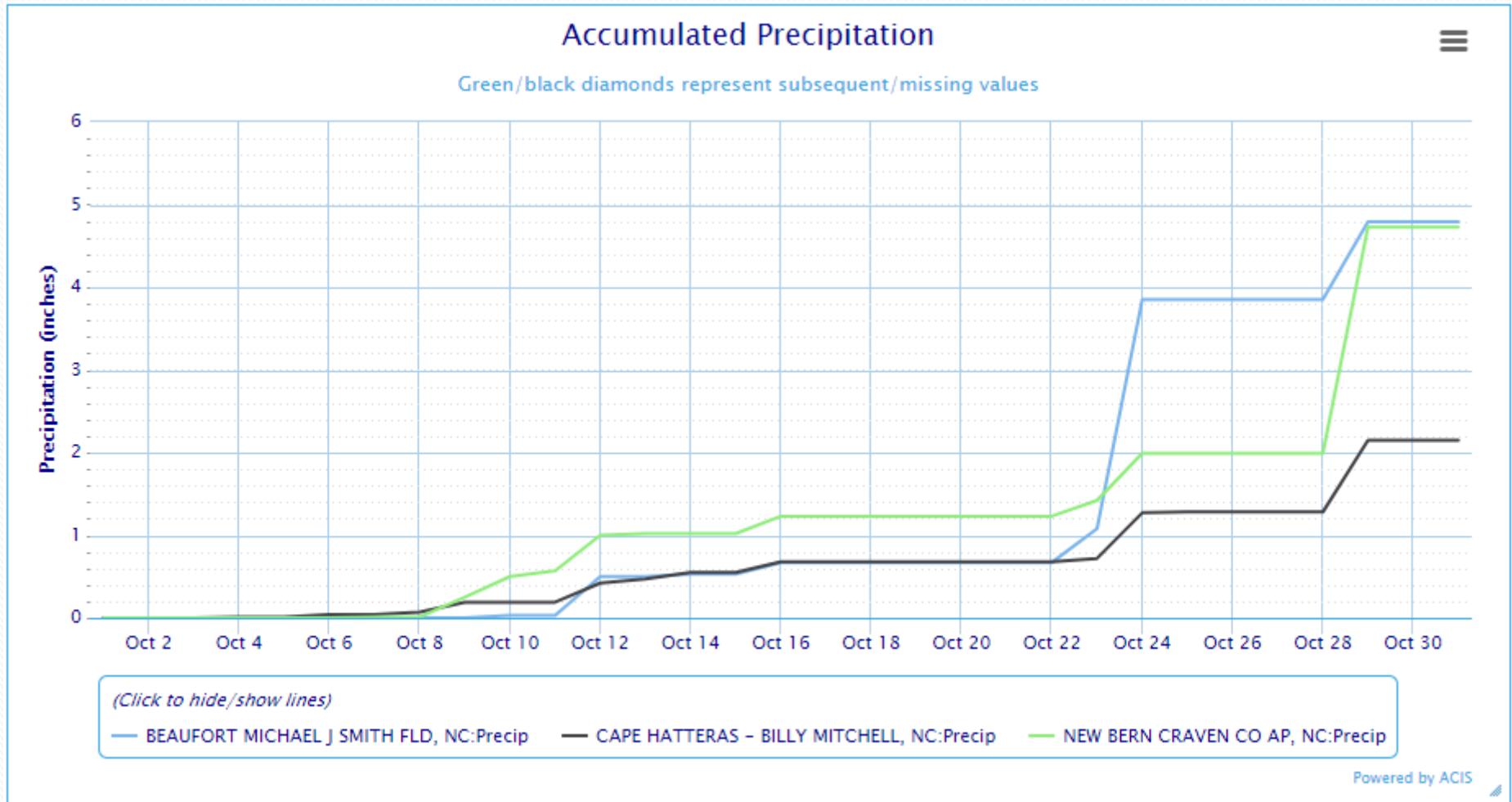
October 2017 was warm, with above normal temperatures over all of eastern North Carolina. Rainfall, however, was variable, with above normal rainfall over southern sections of the region, including New Bern and Beaufort, but below normal rainfall over most of the rest of the region, including the Outer Banks. Most of the rainfall occurred in two days, the 24th and 29th. Some minor wind damage occurred around the Richlands area with a strong frontal system during the early morning hours of October 24th.



Minor Wind Damage in Richlands, NC, October 24, 2017. Photo from WCTI TV.

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

October 2017 Precipitation



Rainfall data was quite variable in October 2017, with slightly above normal rainfall around Beaufort and New Bern, but a rather dry October at Cape Hatteras.

Average Temperatures within our CWA in October 2017

	Avg Max	Avg_Max Normal	Avg_Min	Avg_Min Normal
Beaufort	77.2	73.8	60.6	57.0
Cape Hatteras	77.2	72.0	63.9	59.7
New Bern	77.4	74.7	56.7	53.5
Greenville	77.3	73.8	54.7	50.6
Kinston	79.2	76.6	56.0	52.8
Williamston	76.2	73.3	54.6	49.4
Plymouth	76.6	74.5	55.9	51.9
Bayboro	76.9	75.1	54.3	52.3

Temperatures in October 2017 were above normal at all locations.

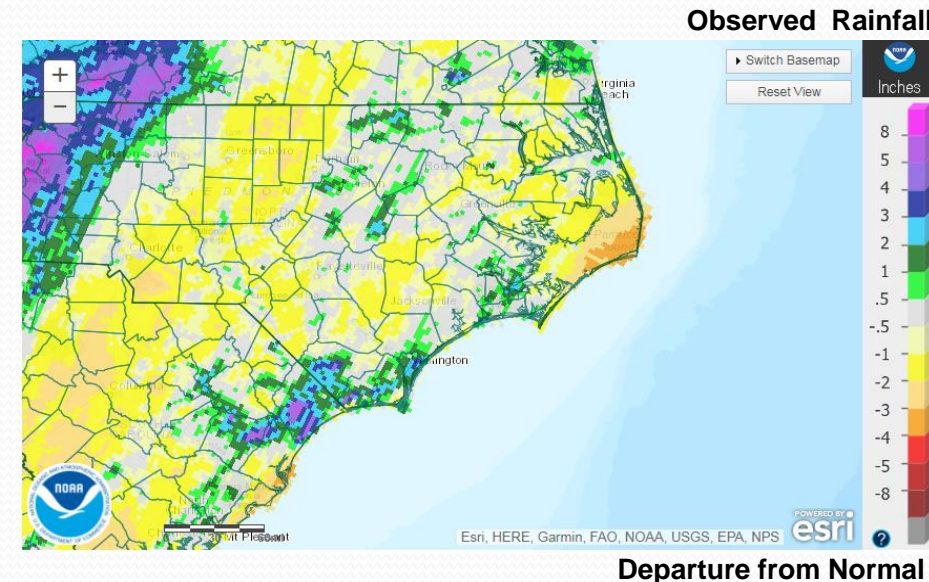
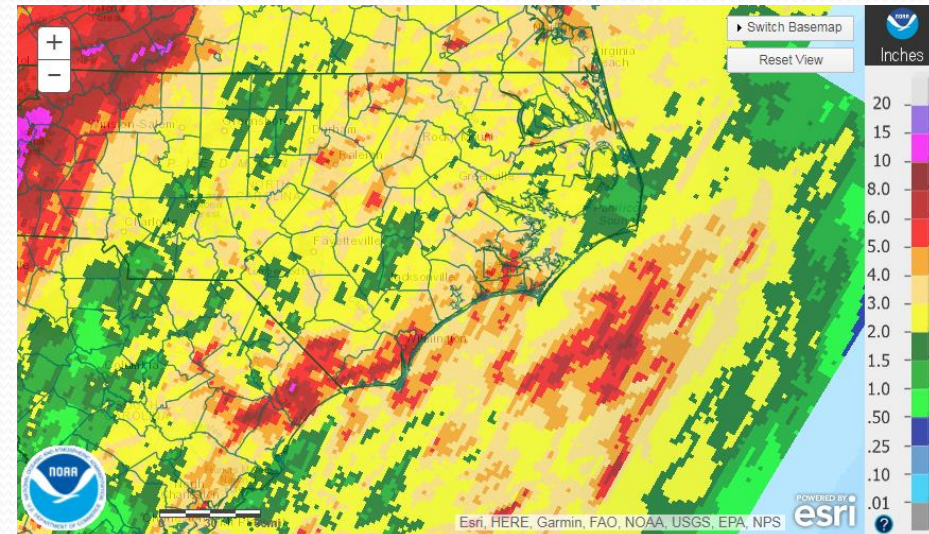
Temperature Extremes within our CWA in October 2017.

	MAX	MIN
Beaufort	84	40
Cape Hatteras	87	45
New Bern	88	37
Greenville	90	39
Kinston	89	38
Williamston	88	38
Plymouth	86	36
Bayboro	87	38

October 2017 Rain Versus Climate Normal

	Precipitation (inches)	Normal	Difference
Beaufort	4.79	3.88	0.91
Cape Hatteras	2.15	5.38	-3.23
New Bern	4.73	3.26	1.47
Greenville	4.82	5.83	-1.01
Kinston	3.00	3.06	-0.06
Williamston	4.32	6.07	-1.75
Plymouth	4.16	5.39	-1.23
Bayboro	4.43	5.88	-1.45

Rainfall across eastern NC was mostly below normal, with the exception of some southern areas around New Bern and Beaufort, that were an inch or so above normal.



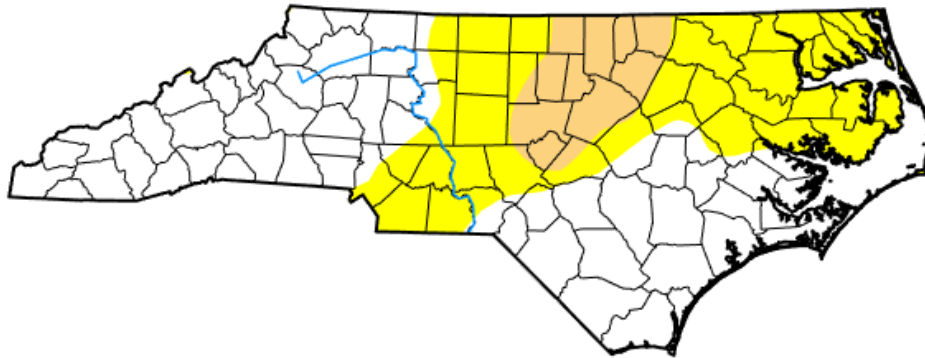
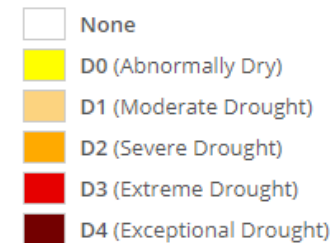
Latest Drought Monitor for North Carolina

North Carolina

Map released: Thurs. October 26, 2017

Data valid: October 24, 2017 at 8 a.m. EDT

Intensity:



Author(s):

[Eric Luebehusen](#), U.S. Department of Agriculture

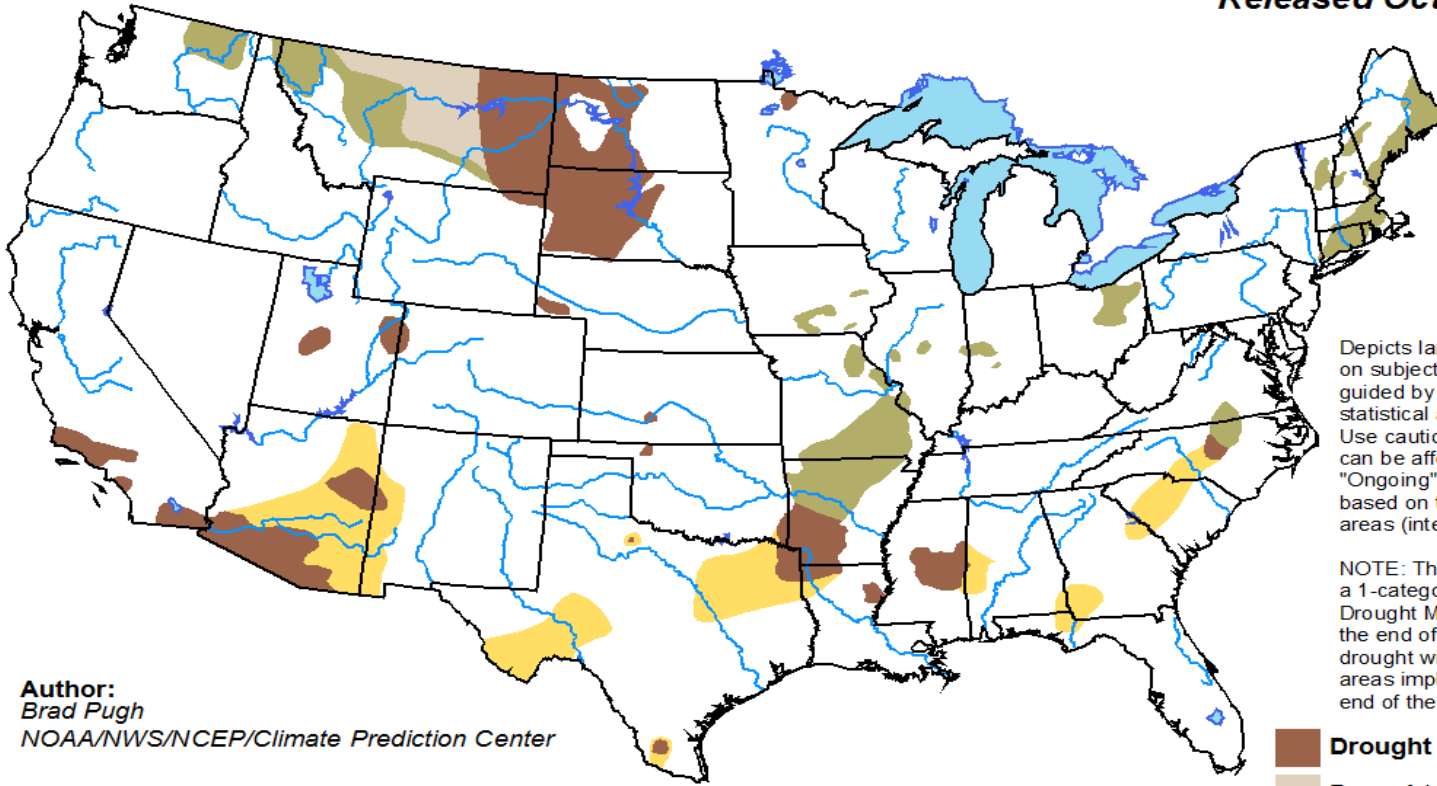
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying [text summary](#) for forecast statements.

Abnormally dry conditions continue over the northern portions of eastern North Carolina from Pitt and Martin Counties, east to the northern Outer Banks.

Monthly Drought Outlook

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



Valid for November 2017
Released October 31, 2017

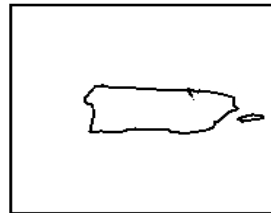
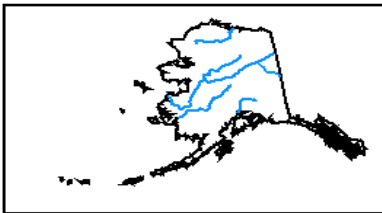


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Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on 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).

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



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