

Climate Review for the month May 2017

Presented by:
National Weather Service
Newport/Morehead City

May 2017 Summary

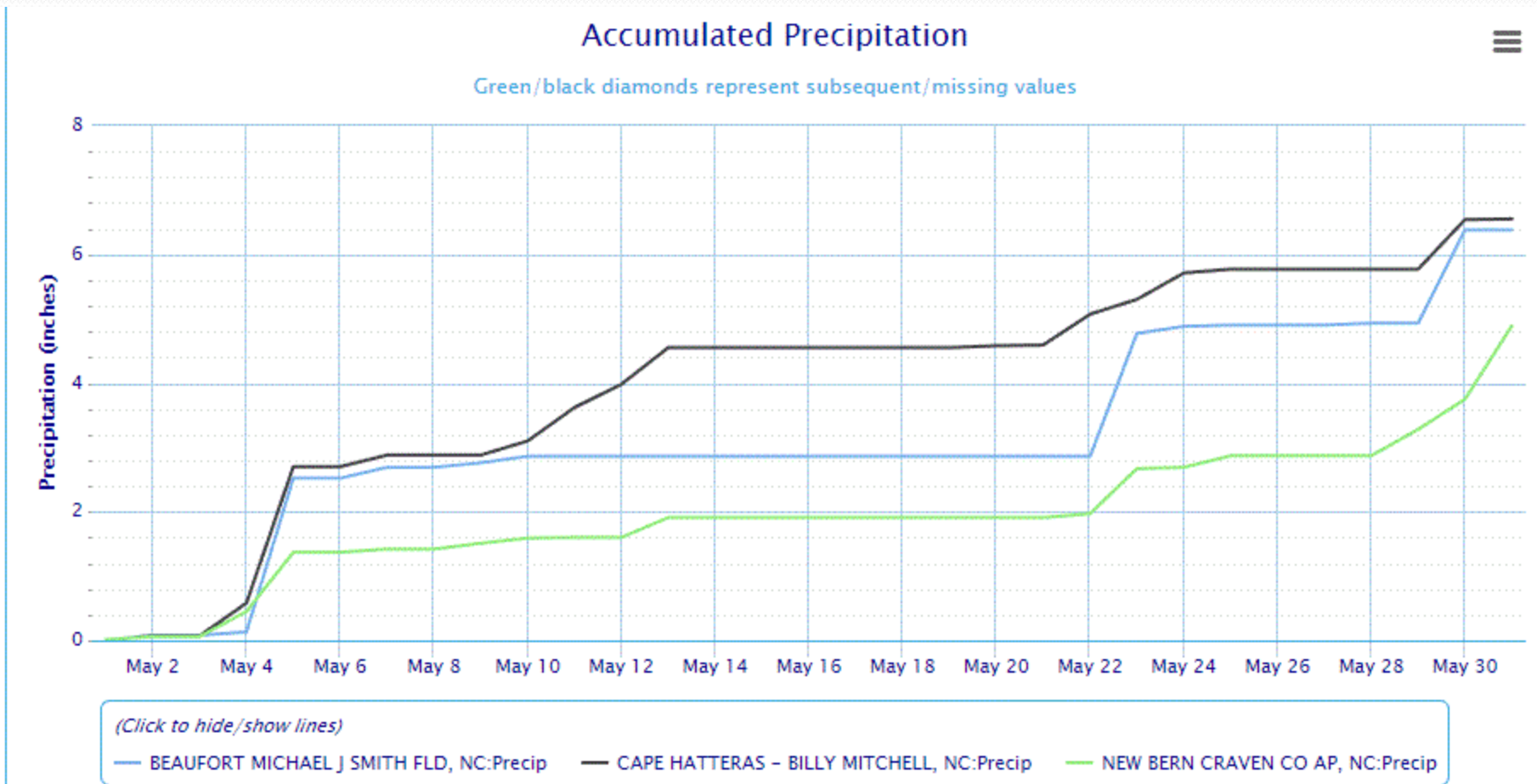
May 2017 was another in a series of warm months across eastern North Carolina with above normal precipitation for most of the area. There were a few episodes of severe weather during the month. The primary event occurred as two rounds of severe weather impacted the region on the late evening of May 29 and morning hours of May 30. The initial line of severe thunderstorms produced a strong macroburst and scattered damage across northern Duplin County. A second line of strong to severe thunderstorms moved along the coast, producing minor wind damage with gusts as high as 82 mph at Fort Macon.



Wind Damage from Faison, NC, Duplin County, from the late evening of May 29, 2017.

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

May 2017 Precipitation



Graph of accumulated rainfall for Beaufort, New Bern and Cape Hatteras for May 2017. Most all of eastern NC had above normal rainfall for the month of May 2017.

Average Temperatures within our CWA in May 2017

	Avg Max	Avg_Max Normal	Avg_Min	Avg_Min Normal
Beaufort	78.8	76.0	65.9	61.5
Cape Hatteras	78.5	73.7	66.2	60.5
New Bern	81.1	80.3	61.1	58.7
Greenville	80.8	80.2	61.0	57.6
Kinston	81.3	79.8	59.3	55.9
Williamston	78.5	78.5	60.5	55.9
Plymouth	79.9	80.7	60.3	57.2
Bayboro	80.4	79.7	60.4	58.3

Both Maximum and Minimum temperatures were above normal at most locations.

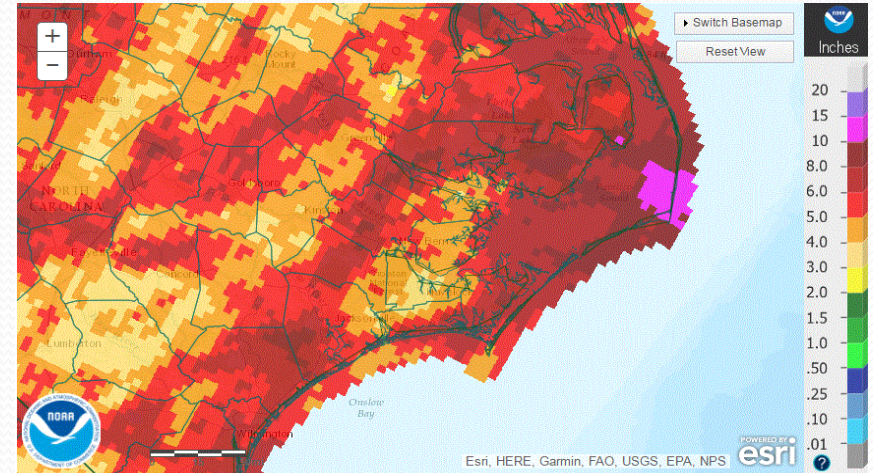
Max and Min Temperature within our CWA in May 2017.

	MAX	MIN
Beaufort	86	53
Cape Hatteras	85	52
New Bern	92	44
Greenville	92	44
Kinston	93	42
Williamston	90	47
Plymouth	90	44
Bayboro	92	45

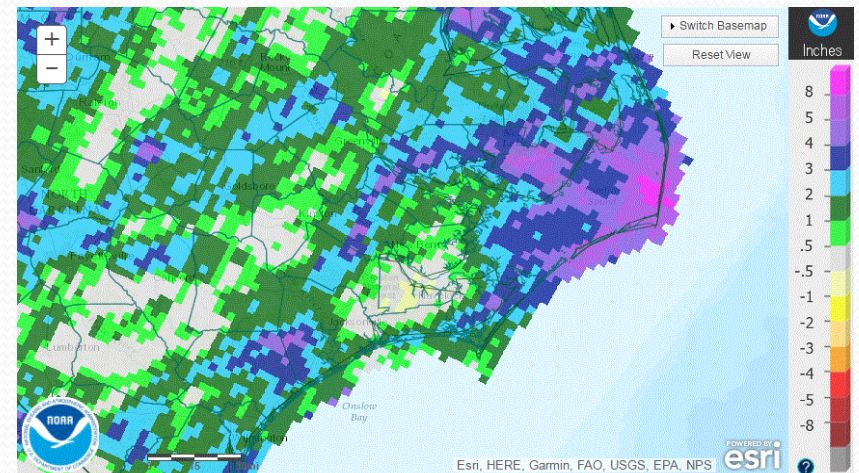
May 2017 Rain Versus Climate Normal

	Precipitation (inches)	Normal	Difference
Beaufort	6.38	3.93	2.45
Cape Hatteras	6.55	3.57	2.98
New Bern	4.89	4.15	0.74
Greenville	4.32	3.85	0.47
Kinston	3.02	3.64	-0.62
Williamston	6.48	3.74	2.74
Plymouth	7.03	4.19	2.84
Bayboro	4.02	4.12	-0.10

Rainfall in May 2017 was above normal over most of the region. The heaviest rainfall occurred over the Outer Banks with lesser amounts inland and over southern sections of the area.



Observed Rainfall



Departure from Normal

Latest Drought Monitor for North Carolina






US Drought Monitor of NORTH CAROLINA



May 30, 2017

Valid 8 a.m. EDT

Drought Classifications

-  D0 - Abnormally Dry
-  D1 - Moderate Drought
-  D2 - Severe Drought
-  D3 - Extreme Drought
-  D4 - Exceptional Drought



County Boundaries



Major River Basins ([View Map](#))

S = Short-Term, typically <6 months (e.g. agriculture, grasslands)

L = Long-Term, typically >6 months (e.g. hydrology, ecology)

[Hi-Resolution Image](#) | [Print Version](#) |

No drought advisories are currently issued in North Carolina.

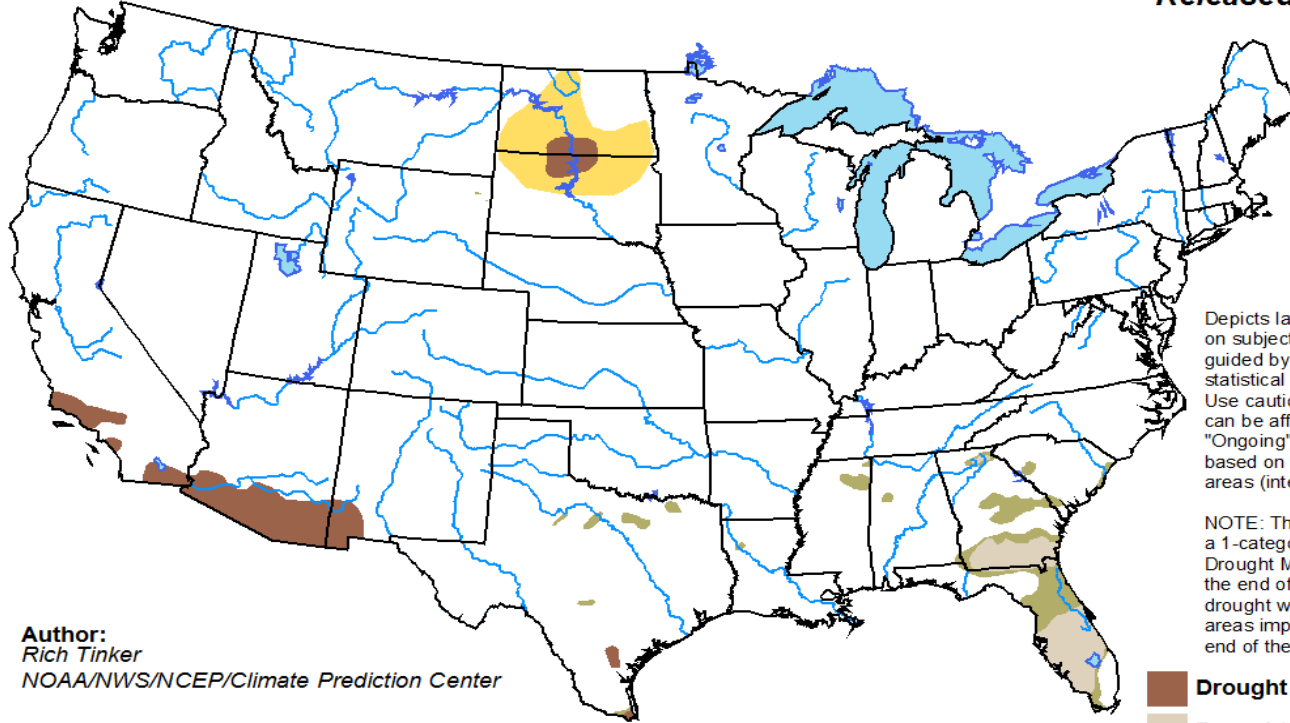
For the first time in a few years, there are no drought conditions anywhere in the state of North Carolina!

Monthly Drought Outlook

For June

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





Valid for June 2017
Released May 31, 2017

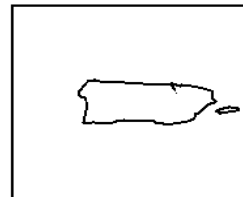
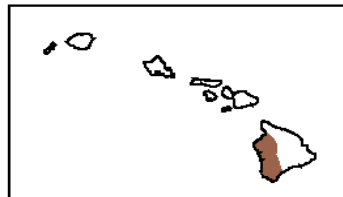
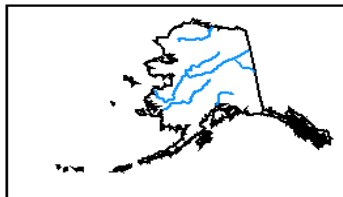


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Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on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