

# Climate Review for the month June 2017

Presented by:  
National Weather Service  
Newport/Morehead City

# June 2017 Summary

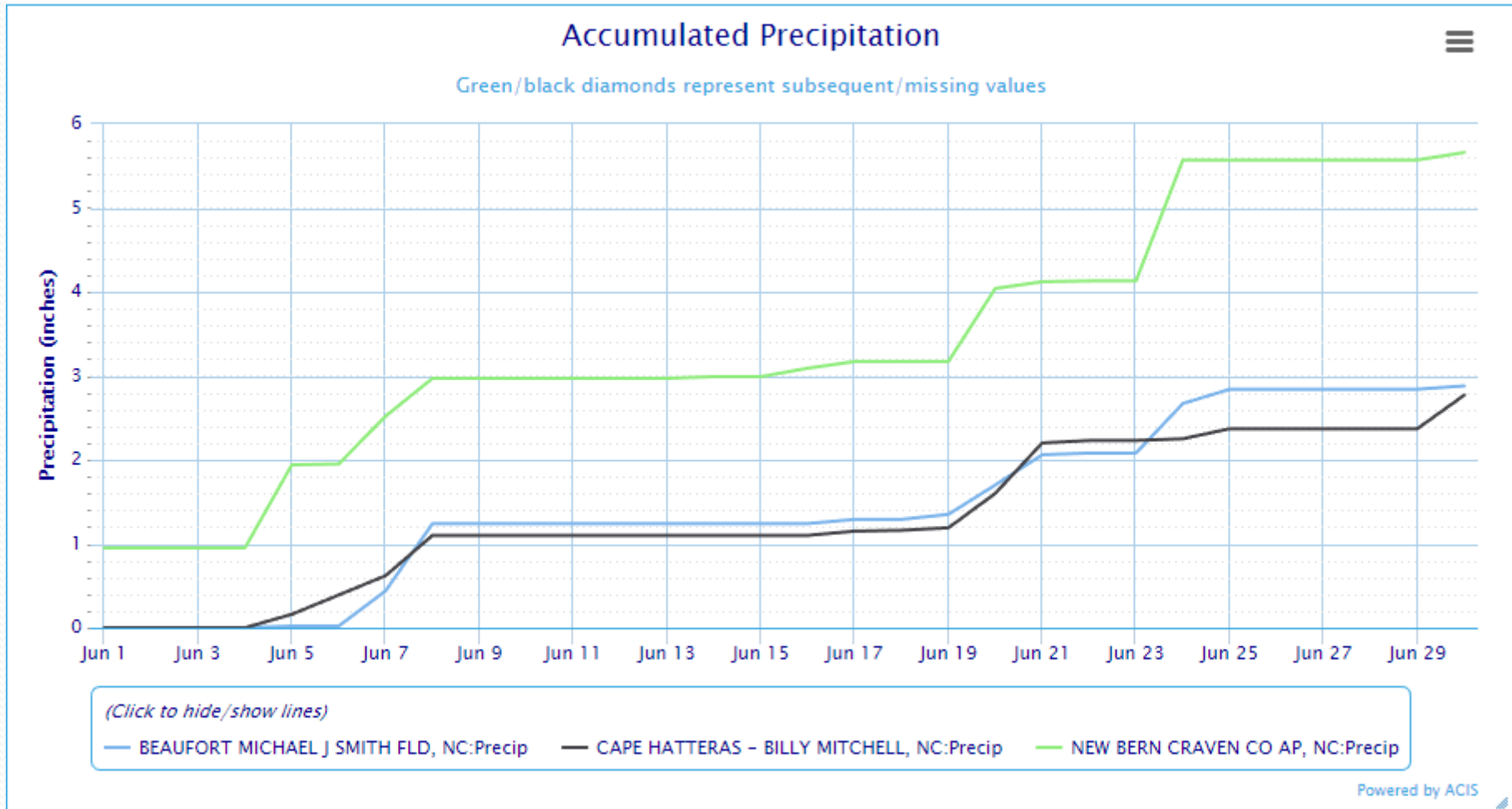
June 2017 was characterized by fairly normal weather across eastern North Carolina. Temperatures were generally within 2 degrees of normal values. Rainfall varied with wetter conditions inland and drier conditions observed closer to the coast. While the month was fairly quiet in terms of significant weather, an EF-1 tornado did touch down near the community of Bethel in northern Pitt County around 725 pm on June 5. The tornado produced some significant structural damage and tree damage along Highway 30. A cool snap around the 8<sup>th</sup> and 9<sup>th</sup> of June produced lows into the lower 50s over portions of eastern North Carolina.



Tornado Observed near  
Bethel, NC on June 5, 2017.  
Photo Courtesy WITN TV.

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

# June 2017 Precipitation



Graph of accumulated rainfall for Beaufort, New Bern and Cape Hatteras for June 2017. Inland areas were wetter in June 2017, with less rain closer to the coast.

# Average Temperatures within our CWA in June 2017

	Avg Max	Avg_Max Normal	Avg_Min	Avg_Min Normal
<b>Beaufort</b>	83.0	81.5	71.9	70.0
<b>Cape Hatteras</b>	83.7	81.0	72.1	69.3
<b>New Bern</b>	86.2	86.8	67.4	67.5
<b>Greenville</b>	87.6	87.2	67.7	66.7
<b>Kinston</b>	85.6	88.7	61.9	67.3
<b>Williamston</b>	85.1	85.8	67.1	65.0
<b>Plymouth</b>	85.6	87.1	66.7	66.2
<b>Bayboro</b>	84.5	86.2	65.5	67.5

June temperatures were near or slightly above normal, with the exception of Kinston and Bayboro which were below normal.

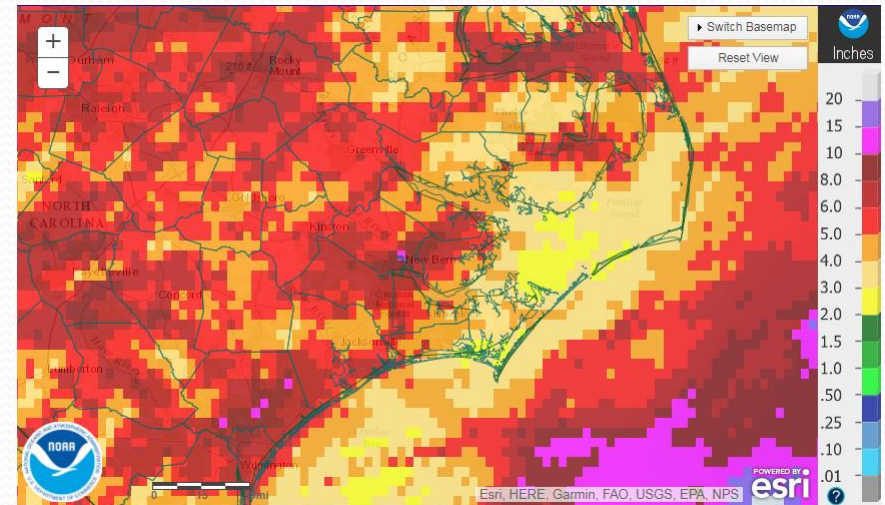
# Max and Min Temperature within our CWA in June 2017.

	MAX	MIN
Beaufort	87	59
Cape Hatteras	90	63
New Bern	92	55
Greenville	93	55
Kinston	94	51
Williamston	92	55
Plymouth	91	53
Bayboro	90	55

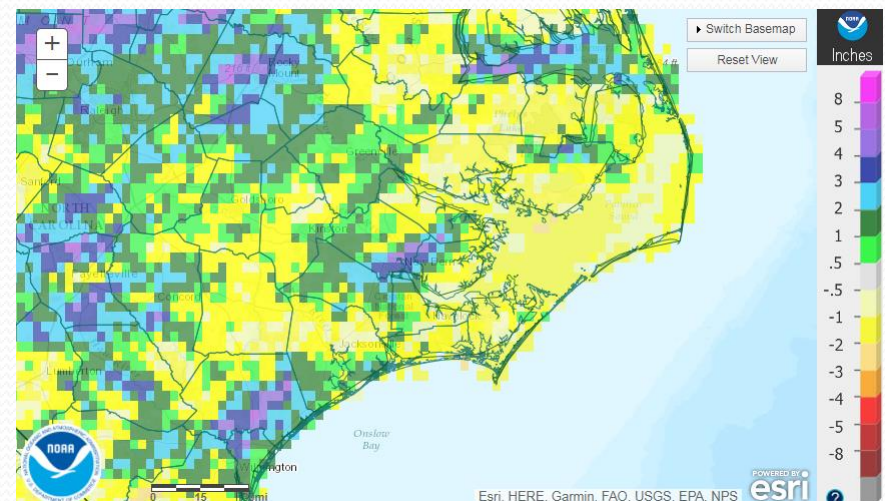
# June 2017 Rain Versus Climate Normal

	Precipitation (inches)	Normal	Difference
Beaufort	2.88	4.64	-1.76
Cape Hatteras	2.77	4.03	-1.26
New Bern	5.66	4.59	1.07
Greenville	5.69	4.31	1.38
Kinston	2.62	4.98	-2.36
Williamston	4.04	4.71	-0.67
Plymouth	5.34	5.19	0.15
Bayboro	5.77	5.18	0.59

June 2017 had variable rainfall across eastern NC with wetter conditions generally inland with drier conditions from Carteret County across the southern and central Outer Banks.



Observed Rainfall



Departure from Normal

# Latest Drought Monitor for North Carolina






## US Drought Monitor of NORTH CAROLINA



June 27, 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.

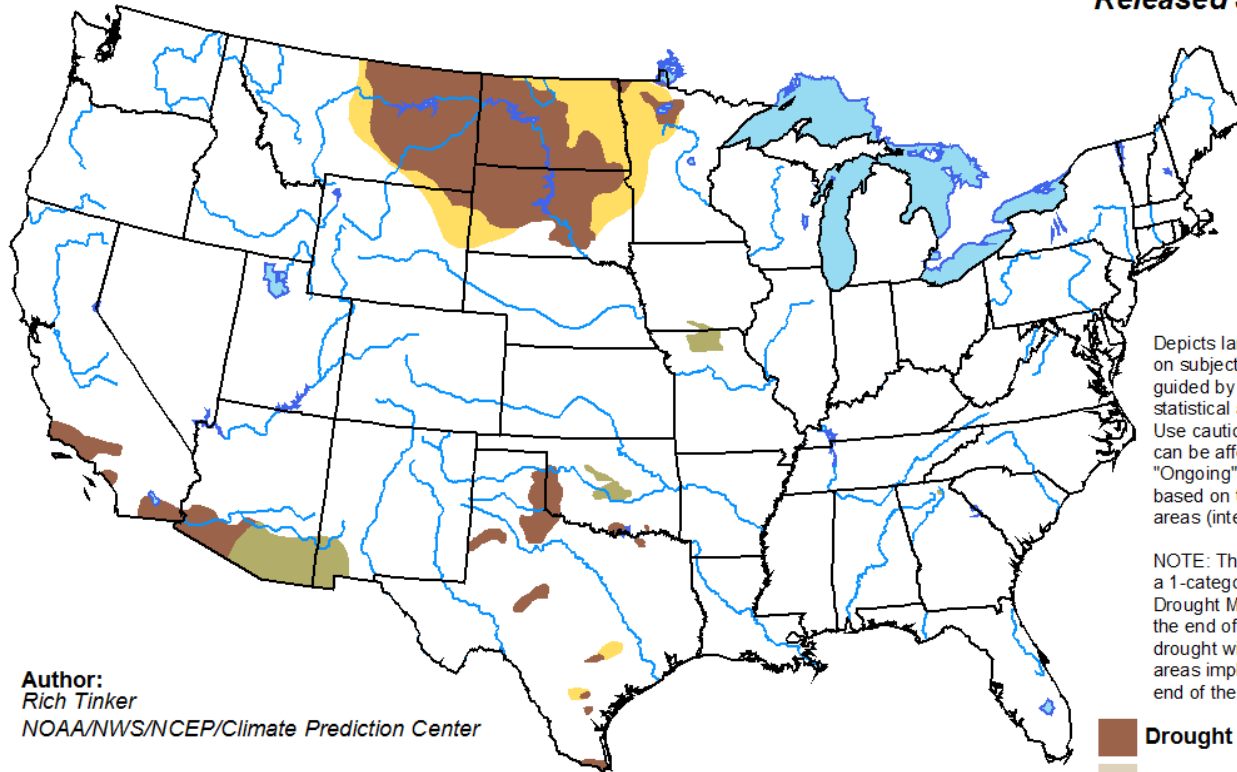
The state of North Carolina continues to be free of drought conditions!

# Monthly Drought Outlook

For July

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





Valid for July 2017  
Released June 30, 2017

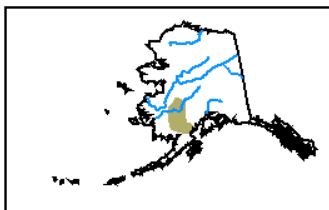


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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

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



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