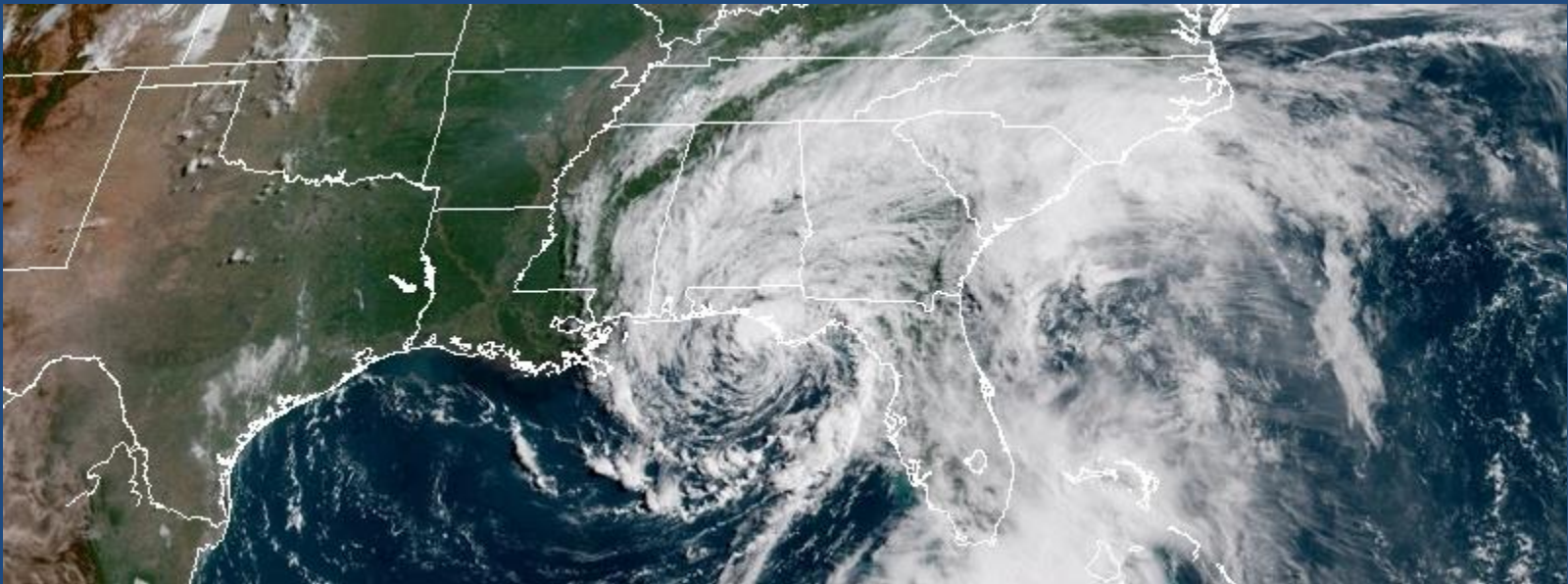


# Climate Review for the month May 2018

Presented by:  
National Weather Service  
Newport/Morehead City

# May 2018 Summary

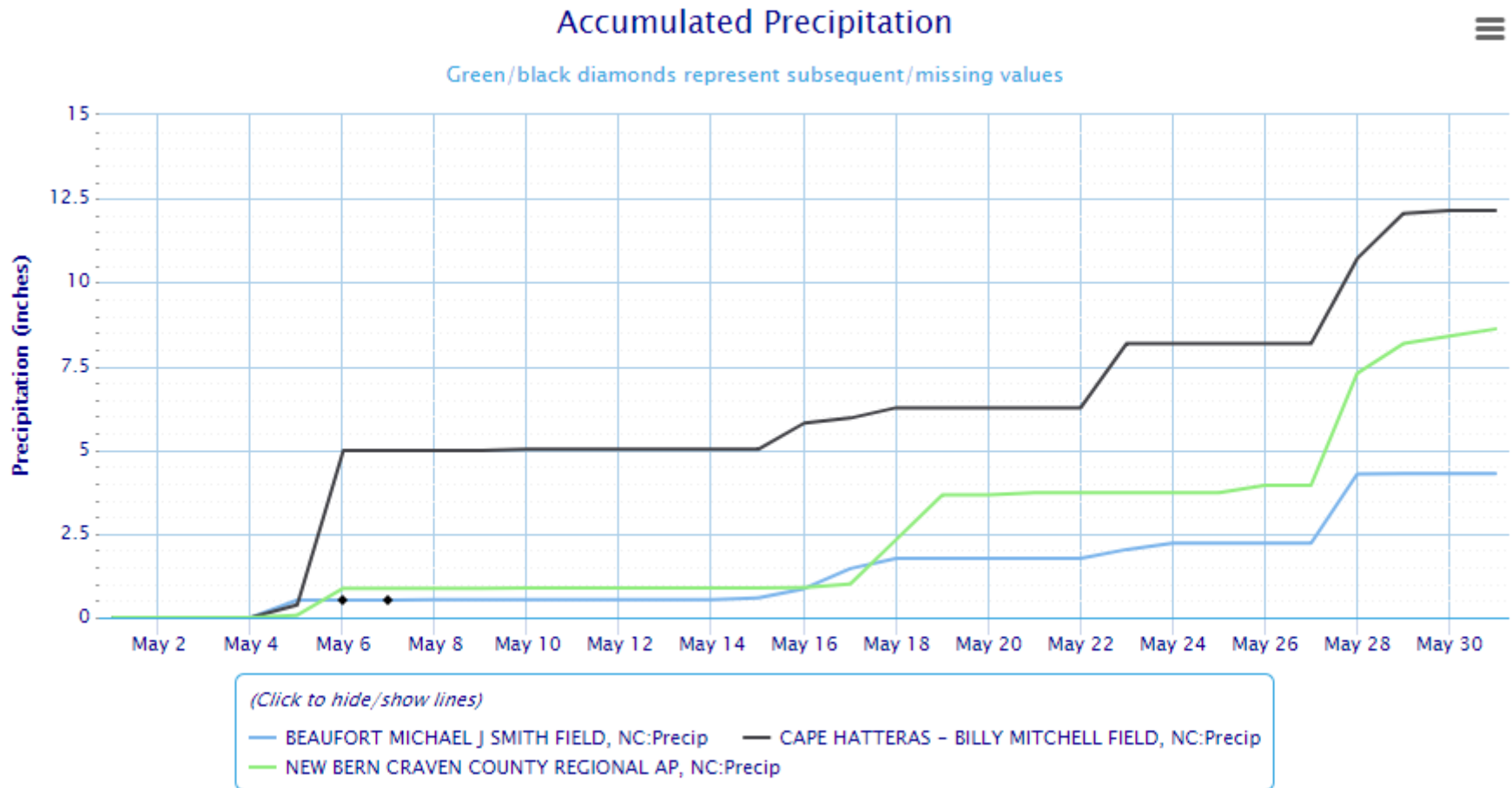
May 2018 was quite wet across eastern North Carolina with most areas reporting 6 to 10 inches of rain during the month, with over 12 inches at Cape Hatteras. Most of the rain fell on two days: May 6 with a slow moving cold front, and again on May 28 with the remnants of Subtropical Storm Alberto which moved from the Gulf of Mexico up into Alabama and Tennessee. Localized rainfall amounts of up to 3-5 inches were common with both systems, producing minor flooding. May was also warmer than normal, due to frequent overnight low temperatures in the 70s.



*Satellite image of Subtropical Storm Alberto in the Gulf of Mexico, May 28, 2018*

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

# May 2018 Rainfall



Many locations in eastern North Carolina received upwards of 6 to 10 inches of rainfall with Cape Hatteras receiving 12.14 inches in a rather wet May 2018.

# Average Temperatures within our CWA in May 2018

	Avg Max	Avg_Max Normal	Avg_Min	Avg_Min Normal
<b>Beaufort</b>	78.3	76.0	68.3	61.5
<b>Cape Hatteras</b>	78.6	73.7	67.4	60.5
<b>New Bern</b>	81.8	80.3	63.6	58.7
<b>Greenville</b>	83.5	80.2	65.6	57.6
<b>Kinston</b>	84.2	82.7	65.5	58.4
<b>Williamston</b>	81.9	78.5	64.9	55.9
<b>Plymouth</b>	83.0	80.7	64.3	57.2
<b>Bayboro</b>	80.7	79.7	64.1	58.3

Temperatures in May 2018 were above normal in all locations!

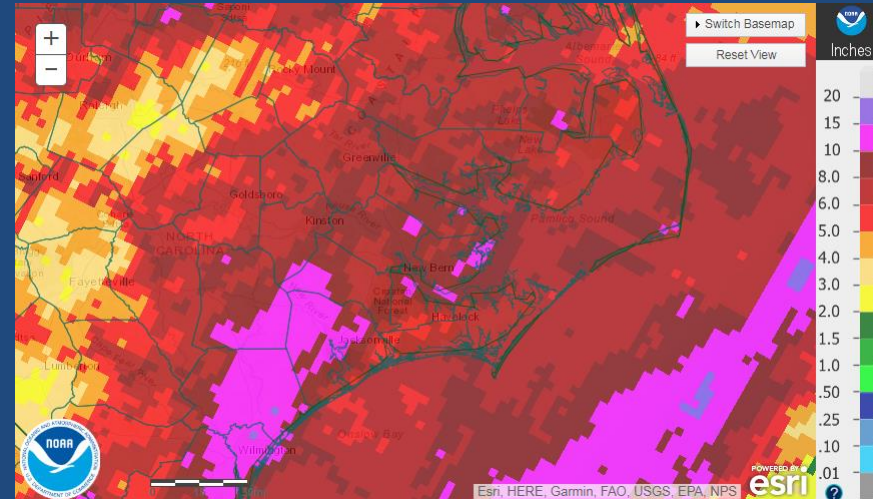
# Temperature Extremes within our CWA in May 2018.

	MAX	MIN
<b>Beaufort</b>	83	53
<b>Cape Hatteras</b>	86	56
<b>New Bern</b>	92	49
<b>Greenville</b>	93	51
<b>Kinston</b>	92	49
<b>Williamston</b>	91	43
<b>Plymouth</b>	90	43
<b>Bayboro</b>	90	44

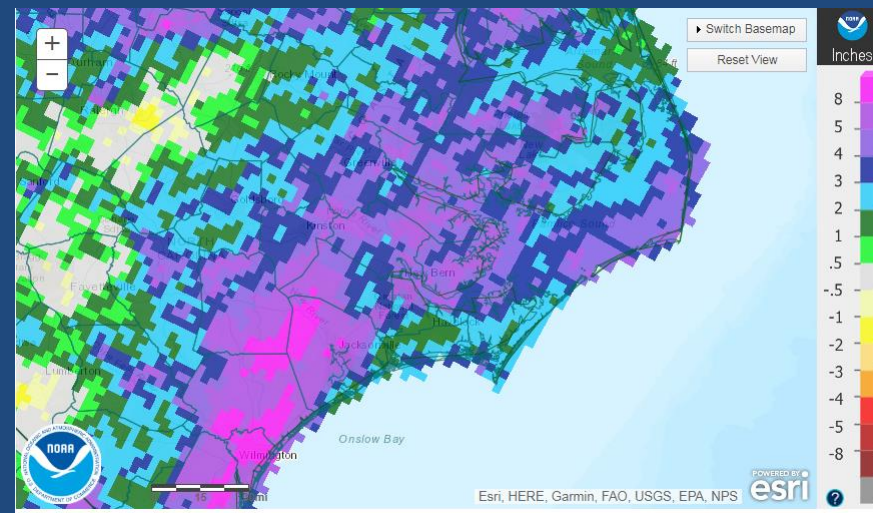
# May 2018 Precipitation Vs Climate Normal

	Precipitation (inches)	Normal	Difference
Beaufort	4.29	3.93	0.36
Cape Hatteras	12.14	3.57	8.57
New Bern	8.61	4.15	4.46
Greenville	8.38	3.85	4.53
Williamston	6.93	3.74	3.19
Plymouth	3.87	4.19	-0.32
Bayboro	6.67	4.12	2.55

May rainfall was above to well above normal in most all of eastern North Carolina with anywhere from 6 to 10 inches of rainfall.



Observed Rainfall

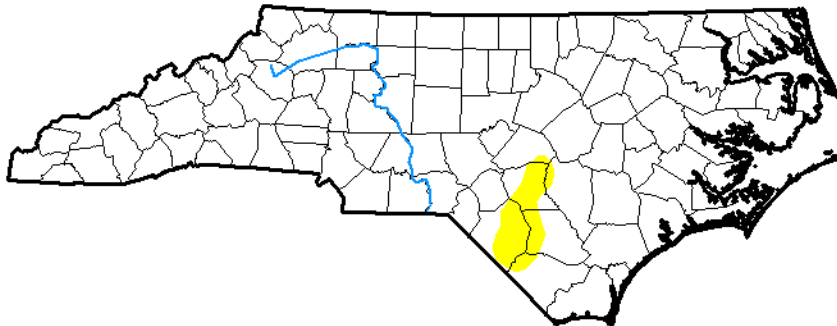


Departure from Normal



# Latest Drought Monitor for North Carolina

## U.S. Drought Monitor North Carolina

May 29, 2018  
(Released Thursday, May 31, 2018)  
Valid 8 a.m. EDT



### 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.*

### Author:

Anthony Artusa  
NOAA/NWS/NCEP/CPC



<http://droughtmonitor.unl.edu/>

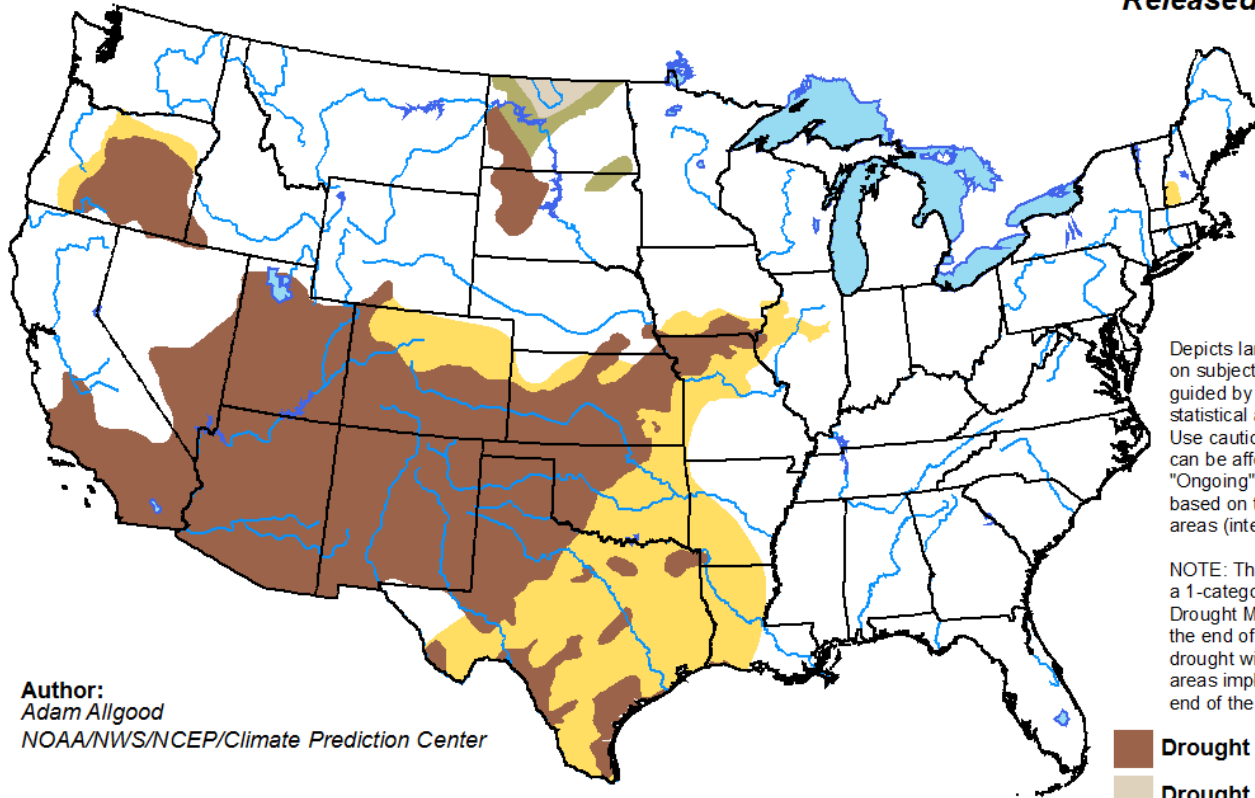
No Drought conditions are being observed across eastern North Carolina. Only a small portion of the southern Piedmont is experiencing Abnormally Dry conditions.

# Monthly Drought Outlook

For June

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





Valid for June 2018  
Released May 31, 2018

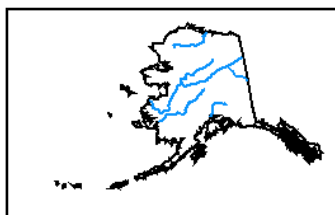


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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

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



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