

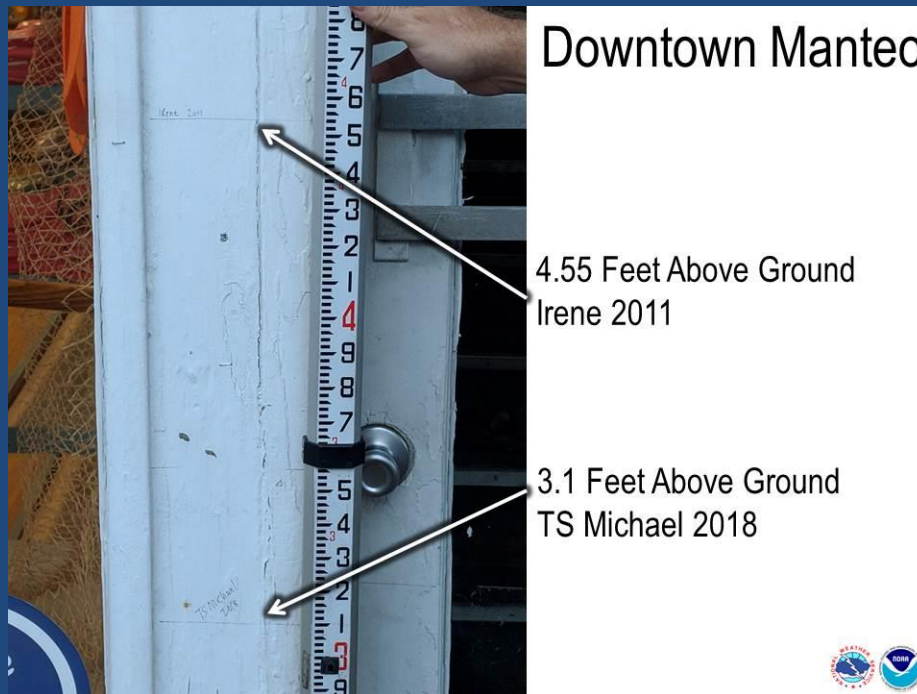
Climate Review
for the month
October 2018

Presented by:

National Weather Service
Newport/Morehead City

October 2018 Summary

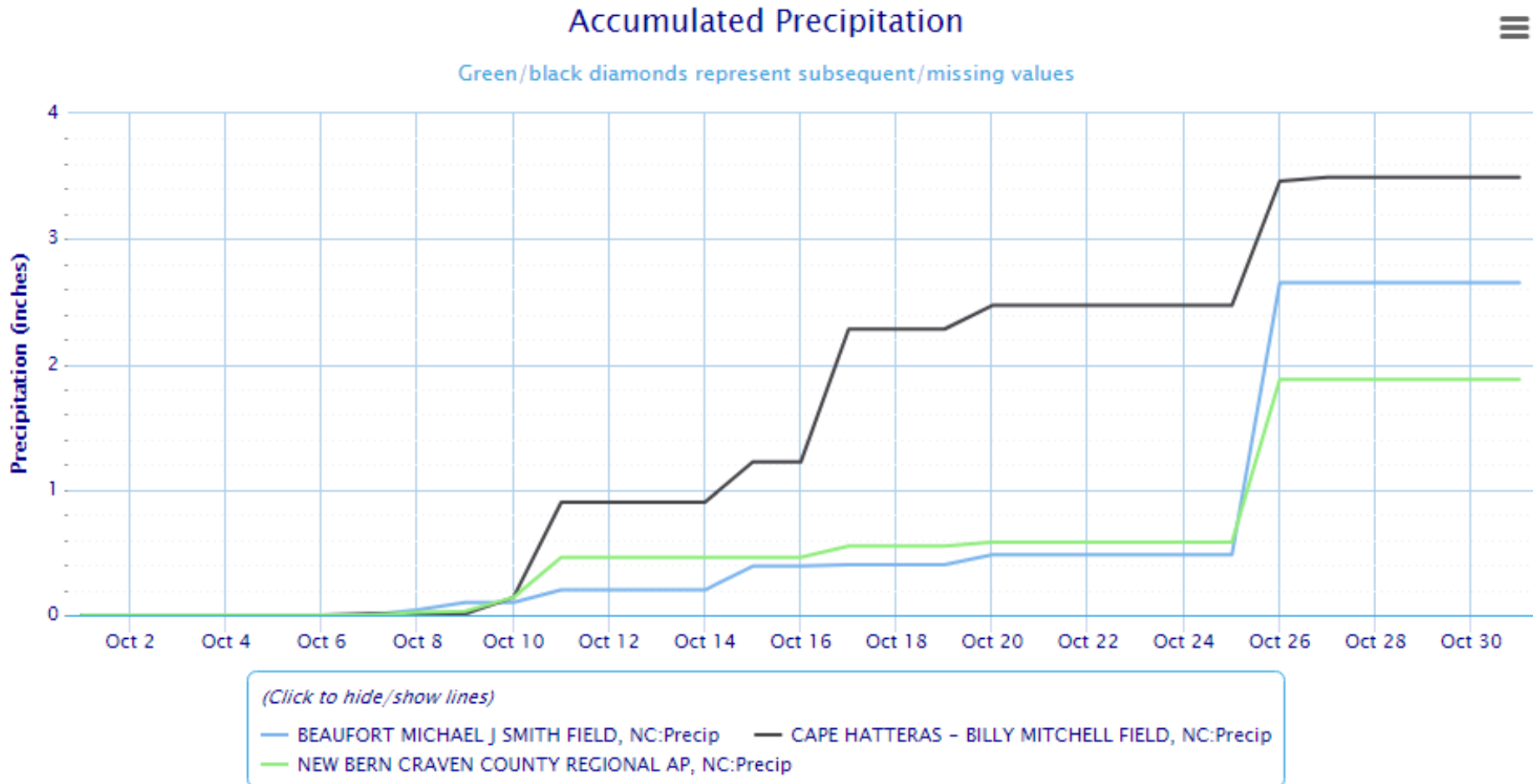
With the exception of Tropical Storm Michael on October 11-12, which produced a 2 to 4 foot storm surge over the northern Outer Banks/Manteo area, along with strong winds, the month of October was fairly quiet with abnormally warm and dry weather across eastern North Carolina.



Water Level in Manteo from Tropical Storm Michael, October 11-12, 2018 compared to Hurricane Irene in 2011.

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

October Rainfall Graphs



Rainfall across eastern North Carolina was in the 2-4 inch range, which is about an inch or so below normal.

Average Temperatures within our CWA in October 2018

	Avg Max	Avg_Max Normal	Avg_Min	Avg_Min Normal
Beaufort	76.8	73.8	61.0	57.0
Cape Hatteras	77.5	72.0	62.9	59.7
New Bern	76.7	74.7	56.2	53.5
Greenville	75.5	73.8	55.8	50.6
Kinston	77.3	76.6	55.8	52.8
Williamston	73.1	73.3	56.5	49.4
Plymouth	74.8	74.3	54.8	51.9
Bayboro	76.1	75.1	54.1	52.3

Temperatures in October 2018 were above seasonal normals.

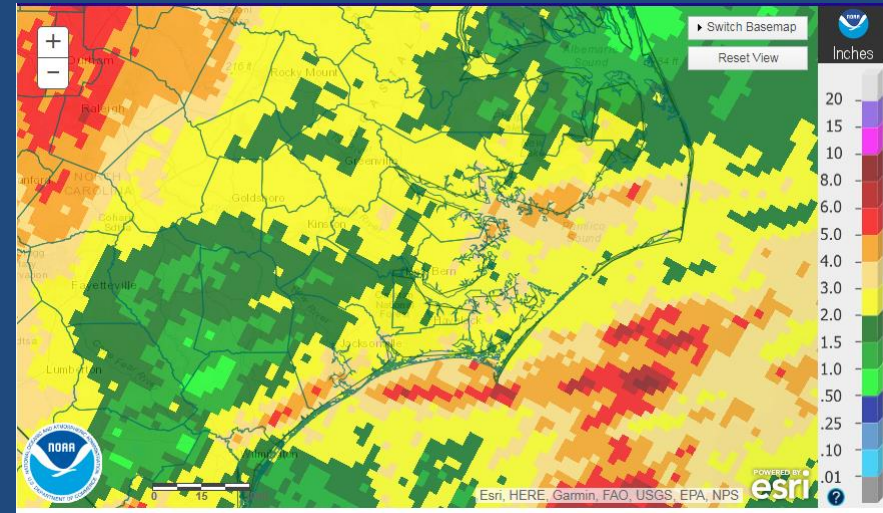
Temperature Extremes within our CWA in October 2018.

	MAX	MIN
Beaufort	88	44
Cape Hatteras	92	46
New Bern	93	39
Greenville	92	35
Kinston	93	36
Williamston	89	42
Plymouth	91	34
Bayboro	92	36

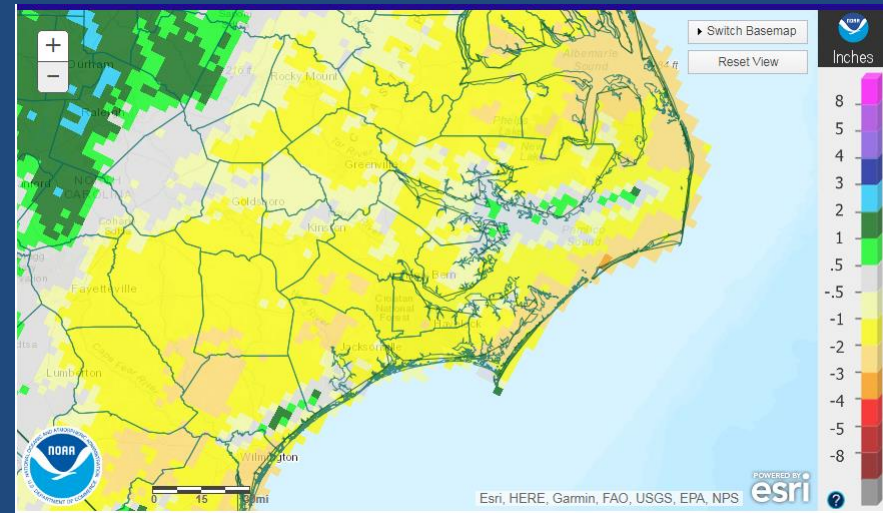
October 2018 Precipitation Vs Climate Normal

	Precipitation (inches)	Normal	Difference
Cape Hatteras	2.65	3.68	-1.03
New Bern	3.49	5.38	-1.91
Greenville	1.88	3.26	-1.38
Kinston	2.18	3.06	-0.88
Williamston	2.65	3.90	-1.25
Plymouth	2.54	3.75	-1.21
Bayboro	2.59	3.98	-1.39

After a record-breaking wet September, October was below normal in rainfall area-wide. The only major rain-maker for the month was Tropical Storm Michael on October 11-12. Most of the area was around one inch below normal for October.



Observed Rainfall

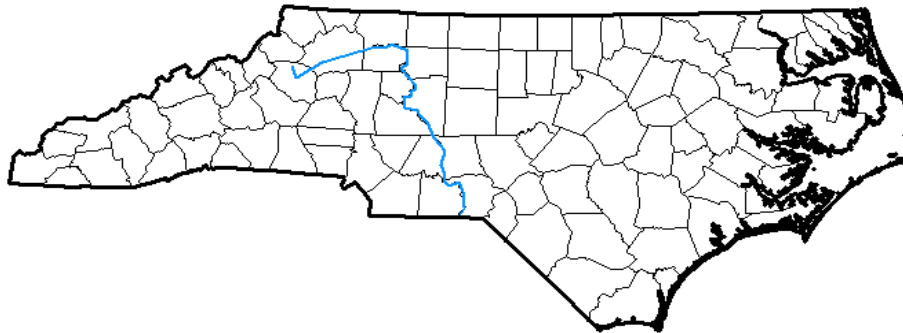


Departure from Normal



Latest Drought Monitor for North Carolina

U.S. Drought Monitor North Carolina

October 30, 2018
(Released Thursday, Nov. 1, 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:

Deborah Bathke
National Drought Mitigation Center



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

No Drought Conditions across North Carolina.

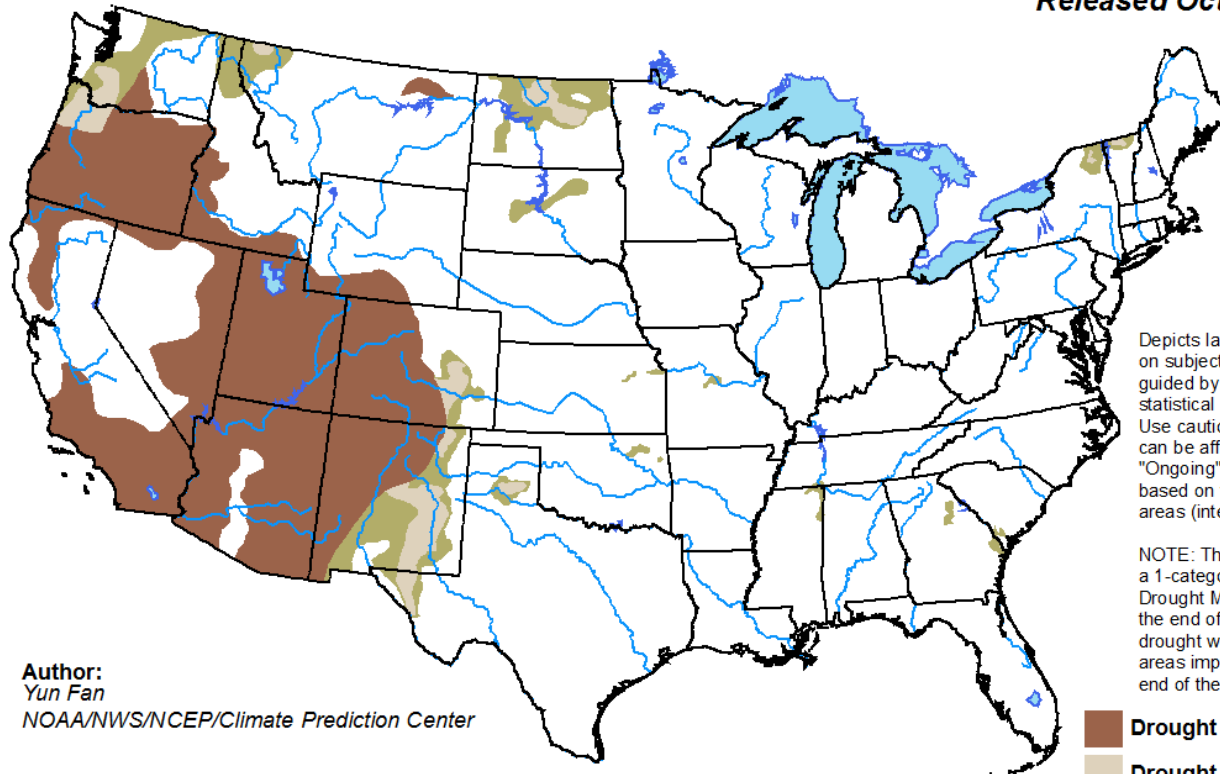
Monthly Drought Outlook

For November

U.S. Monthly Drought Outlook

Drought Tendency During the Valid Period





Valid for November 2018
Released October 31, 2018

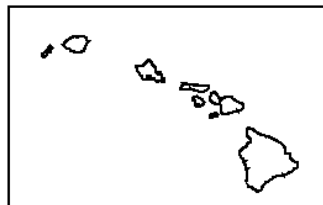
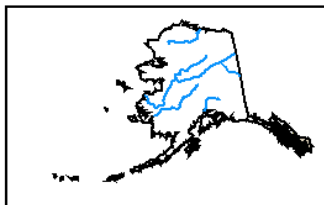


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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

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



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