

# Climate Review for the month January 2017

Presented by:  
National Weather Service  
Newport/Morehead City

# January 2017 Summary

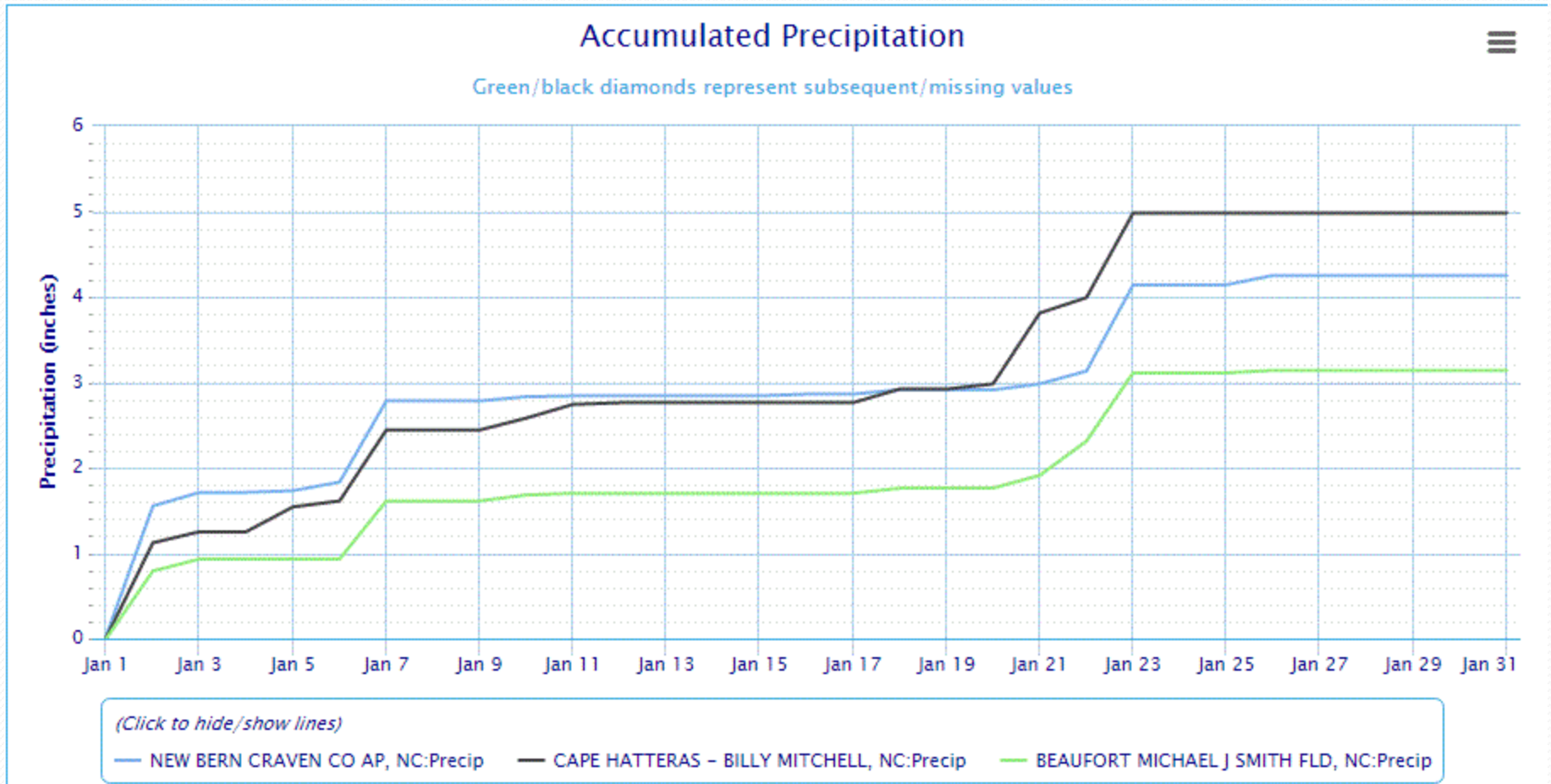
January 2017 was characterized by above normal temperatures and variable precipitation. No severe weather was observed during the month. One minor winter weather event on January 7 produced a light dusting of snow and sleet/ice over inland areas, with up to an inch of accumulation over portions of the northern Coastal Plains. Coastal low pressure produced decent rainfall events on the 2<sup>nd</sup> and again on the 23<sup>rd</sup>, but heaviest amounts were limited to around an inch or so.



Light Dusting of Snow at Kinston, January 7, 2017

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

# January 2017 Rainfall



Here's a look at the January precipitation for New Bern, Hatteras and Beaufort, all between 3 and 5 inches for the month.

# Average Temperatures within our CWA in January 2017

	Avg_ Max	Avg_Max Normal	Avg_ Min	Avg_Min Normal
<b>Beaufort</b>	59.2	53.3	42.6	36.0
<b>Cape Hatteras</b>	58.7	52.2	44.1	38.7
<b>New Bern</b>	59.3	54.5	38.5	33.9
<b>Greenville</b>	56.4	52.1	37.7	32.1
<b>Kinston</b>	57.5	52.3	35.7	30.9
<b>Williamston</b>	54.2	51.3	37.0	30.3
<b>Plymouth</b>	56.3	53.2	38.7	33.1
<b>Bayboro</b>	59.1	55.3	39.8	32.9

Despite a few cold snaps over the course of the month, temperatures in January 2017 were from 2 to 6 degrees above normal across eastern North Carolina.

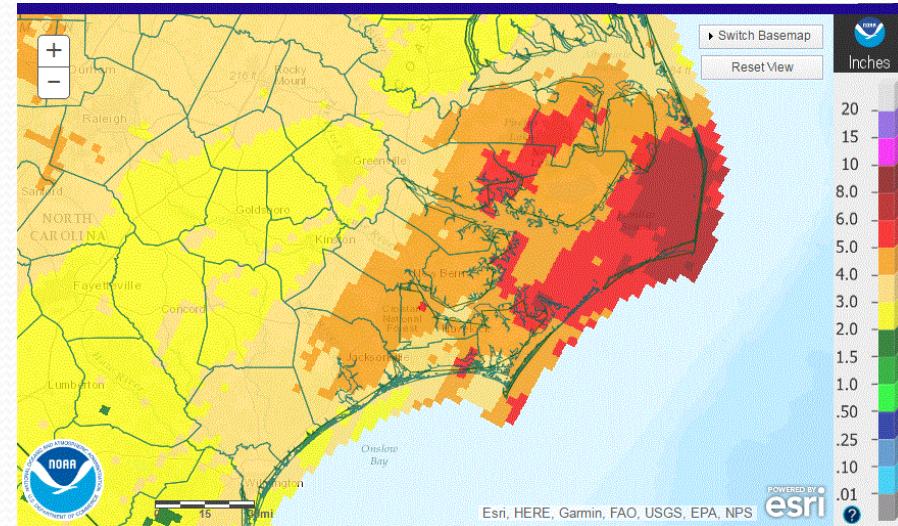
# Max and Min Temperature within our CWA in January 2017.

	MAX	MIN
Beaufort	73	19
Cape Hatteras	70	24
New Bern	76	14
Greenville	75	12
Kinston	76	12
Williamston	72	16
Plymouth	72	13
Bayboro	75	22

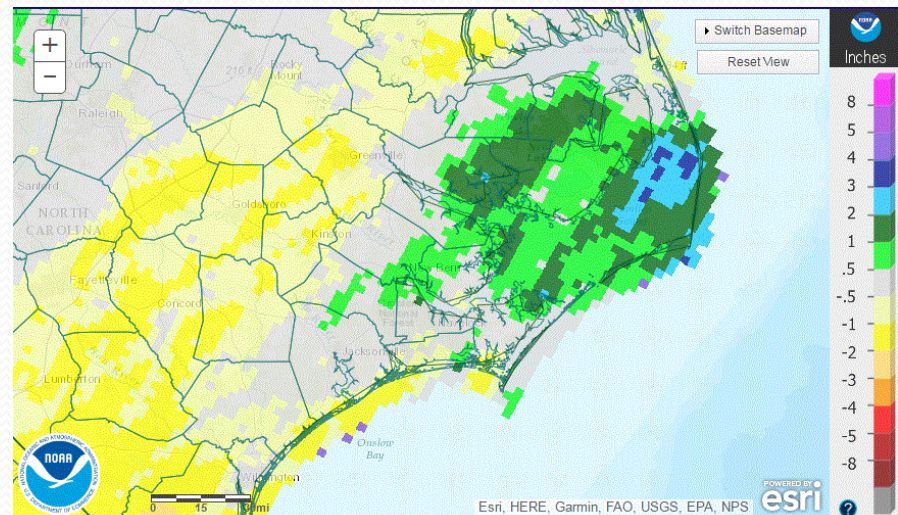
# January 2017 Rain Versus Climate Normal

	Precipitation (inches)	Normal	Difference
Beaufort	3.14	4.08	-0.94
Cape Hatteras	4.98	5.24	-0.26
New Bern	4.25	4.02	0.23
Greenville	3.34	3.87	-0.53
Kinston	3.97	3.80	0.17
Williamston	3.44	3.82	0.38
Plymouth	5.23	3.94	1.29
Bayboro	4.30	3.85	0.45

Rainfall in January 2017 generally ranged from 2 inches far inland to near 6 inches on the Outer Banks. This was slightly below normal inland to up to 3 inches above normal on the Outer Banks.



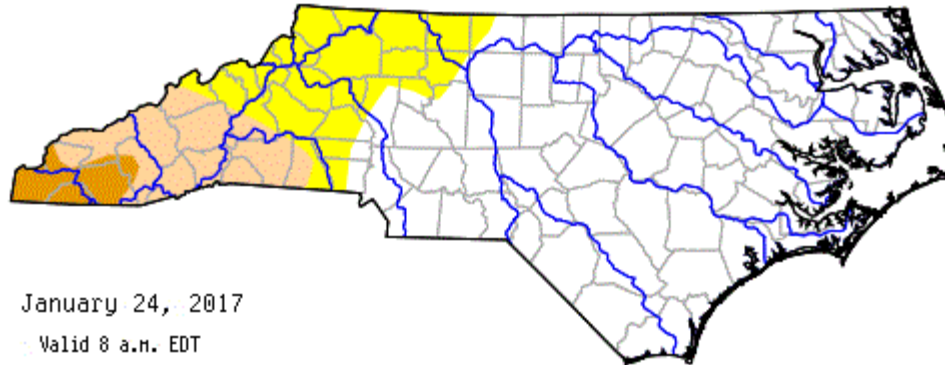
Observed Precipitation



Departure From Normal

# Latest Drought Monitor for North Carolina

## US Drought Monitor of NORTH CAROLINA



January 24, 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](#) |

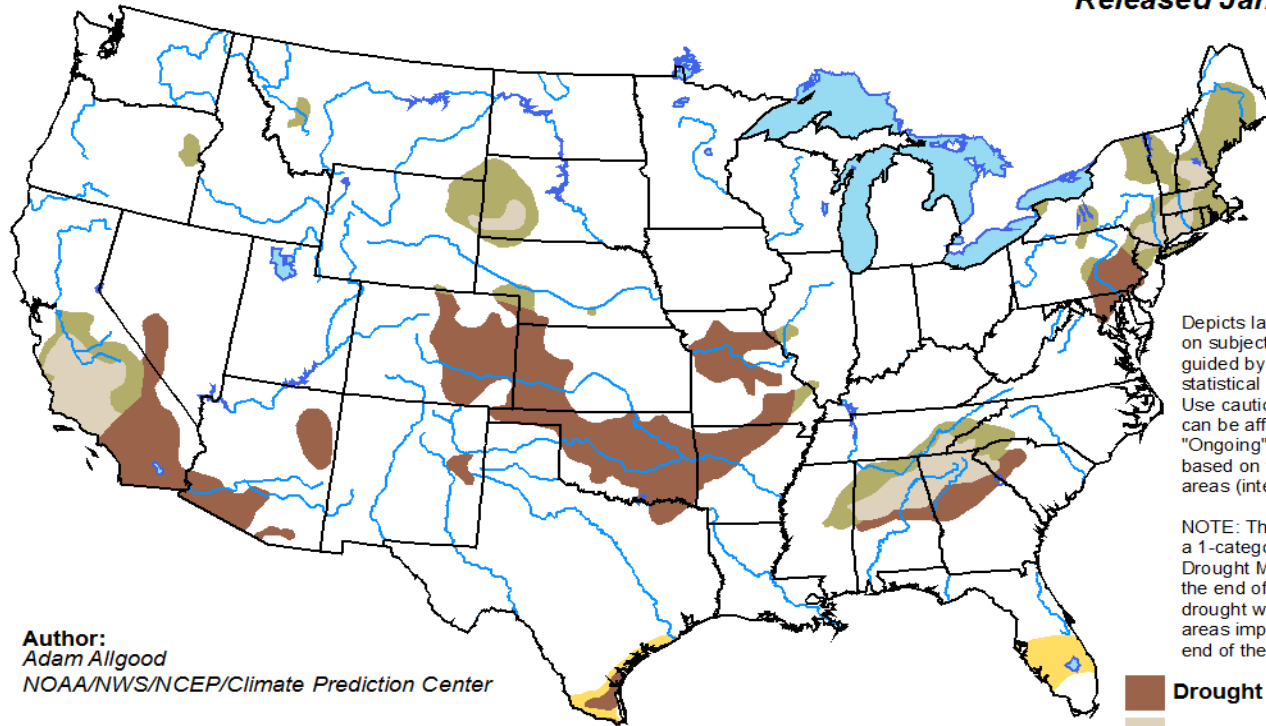
The drought in the western North Carolina mountains eased a bit in January. Severe drought is limited to the far western portion of the state, with moderate drought in the southern mountains, and abnormally dry conditions over the western Foothills. Eastern North Carolina remains in good shape drought-wise.

# Monthly Drought Outlook

## For February

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





Valid for February 2017  
Released January 31, 2017

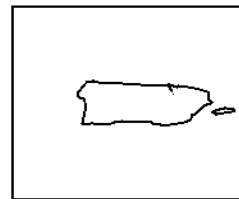
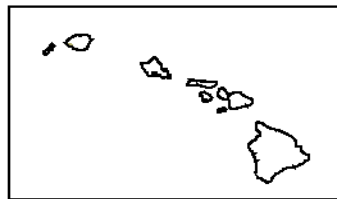
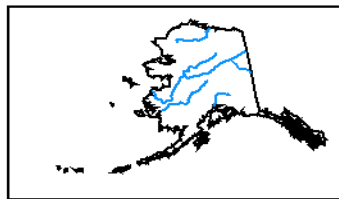


Author:  
Adam Allgood  
NOAA/NWS/NCEP/Climate Prediction Center

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>