

Climate Review for the month June 2018

Presented by:

National Weather Service
Newport/Morehead City

June 2018 Summary

June 2018 was warm and rather wet across eastern North Carolina. Abnormally warm minimum temperatures contributed heavily to the warm mean temperature in June. With the exception of the far northwestern Coastal Plains, and portions of the Central and Northern Outer Banks, much of the area was above normal in rainfall, with a corridor from New Bern to southern Washington County some 2 to 5 inches above normal. There were a few severe weather episodes late in the month, including a downburst in the New Bern area on June 24 that caused numerous downed trees and minor property damage.



Downburst winds in New Bern June 24, 2018 caused downed trees.

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

Average Temperatures within our CWA in June 2018

| | Avg Max | Avg_Max Normal | Avg_Min | Avg_Min Normal |
|----------------------|---------|-------------------|---------|-------------------|
| Beaufort | 84.6 | 81.5 | 72.4 | 70.0 |
| Cape Hatteras | 85.7 | 81.0 | 73.0 | 69.3 |
| New Bern | 87.6 | 86.8 | 68.8 | 67.5 |
| Greenville | 89.6 | 87.2 | 69.7 | 66.7 |
| Kinston | 90.1 | 88.7 | 69.8 | 67.3 |
| Williamston | 87.3 | 85.8 | 69.3 | 65.0 |
| Plymouth | 87.7 | 87.1 | 68.9 | 66.2 |
| Bayboro | 86.8 | 86.2 | 68.8 | 67.5 |
| | | | | |

Temperatures in June 2018 were above normal in all locations!

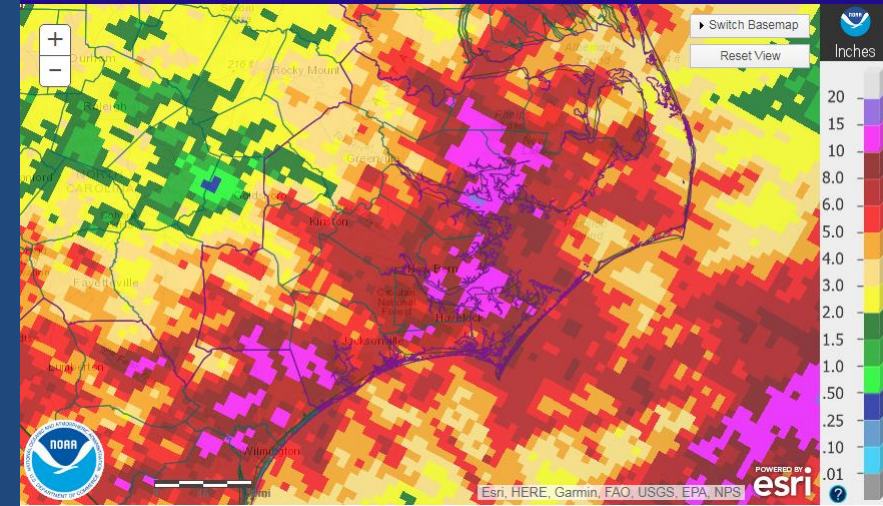
Temperature Extremes within our CWA in June 2018.

| | MAX | MIN |
|----------------------|-----|-----|
| Beaufort | 89 | 63 |
| Cape Hatteras | 91 | 65 |
| New Bern | 95 | 59 |
| Greenville | 99 | 60 |
| Kinston | 96 | 60 |
| Williamston | 96 | 62 |
| Plymouth | 96 | 61 |
| Bayboro | 95 | 59 |

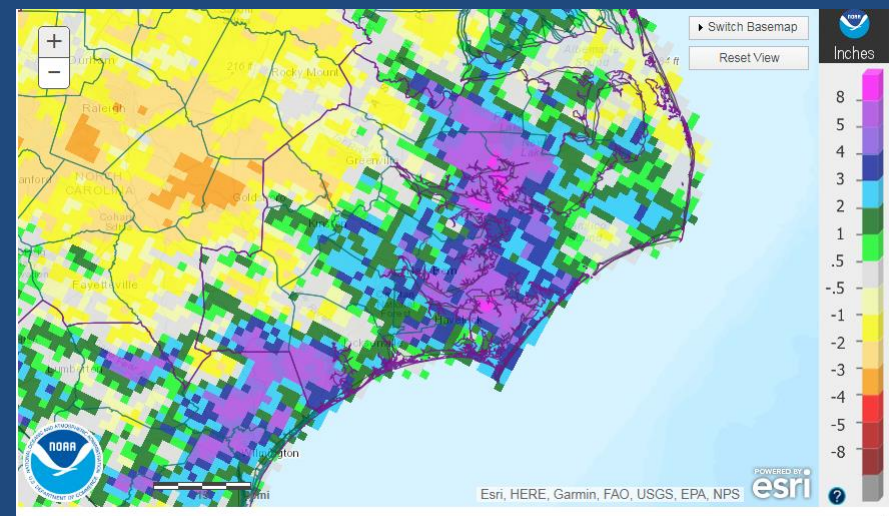
June 2018 Precipitation Vs Climate Normal

| | Precipitation (inches) | Normal | Difference |
|---------------|------------------------|--------|------------|
| Beaufort | 6.20 | 4.64 | 1.56 |
| Cape Hatteras | 4.15 | 4.03 | 0.23 |
| New Bern | 7.22 | 4.59 | 2.63 |
| Greenville | 2.46 | 4.31 | -1.85 |
| Kinston | 6.62 | 5.06 | 1.56 |
| Williamston | 4.85 | 4.71 | 0.14 |
| Plymouth | 6.89 | 5.19 | 1.70 |
| Wayboro | 7.56 | 5.18 | 2.38 |

Most of the area had above normal rainfall in June 2018. The exceptions were the far northwestern Coastal Plains and portions of the Outer Banks.



Observed Rainfall

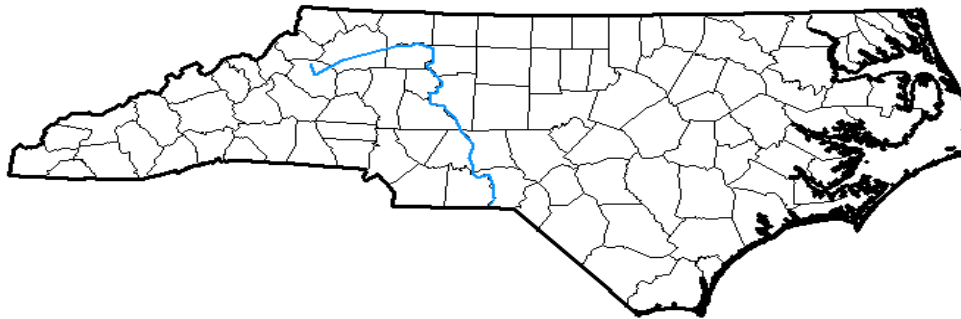


Departure from Normal

Latest Drought Monitor for North Carolina

U.S. Drought Monitor North Carolina

June 26, 2018
(Released Thursday, Jun. 28, 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:

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NCEI/NOAA



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

No Drought conditions are being observed across North Carolina.

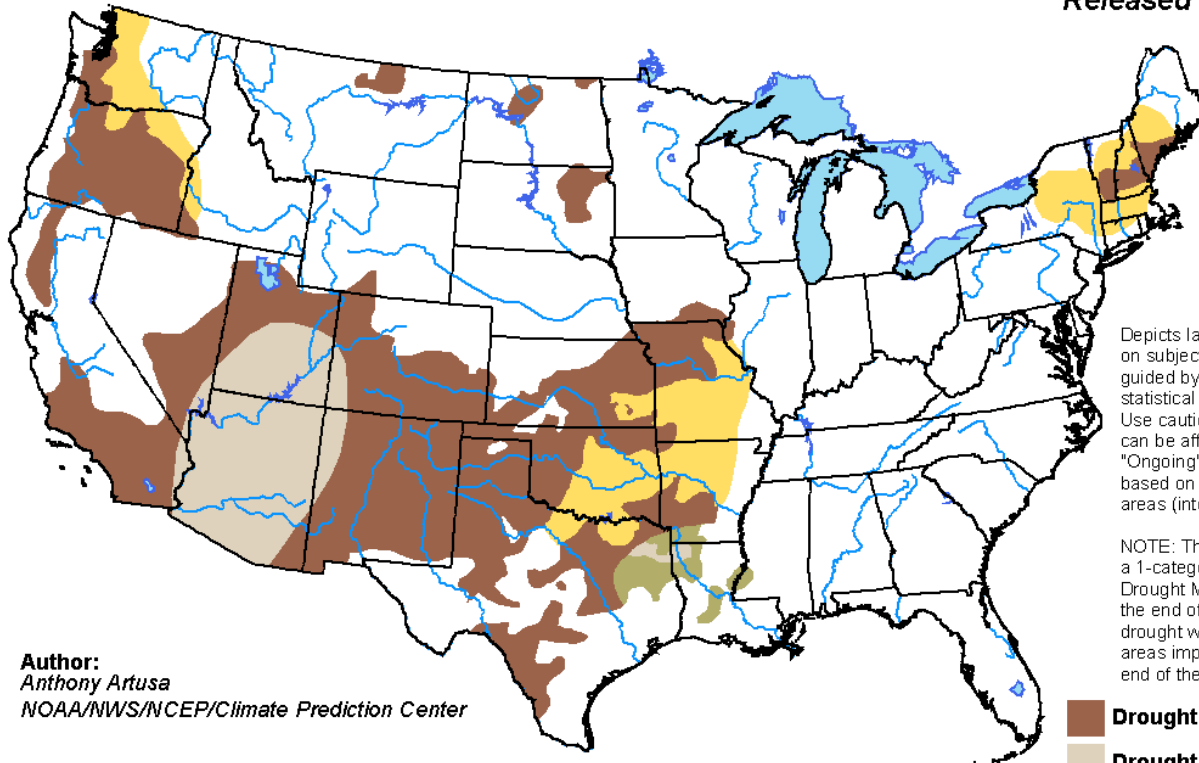
Monthly Drought Outlook

For July

U.S. Monthly Drought Outlook

Drought Tendency During the Valid Period

Valid for July 2018
Released June 30, 2018

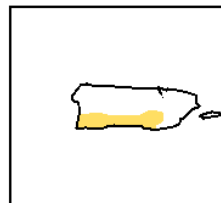
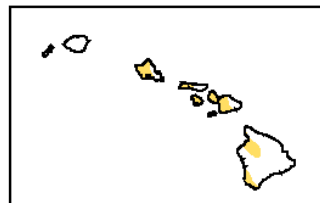
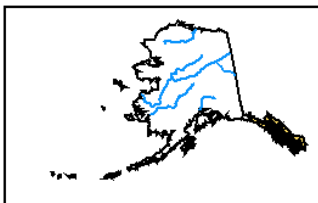


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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



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