

Climate Review
for the month
April 2018

Presented by:
National Weather Service
Newport/Morehead City

April 2018 Summary

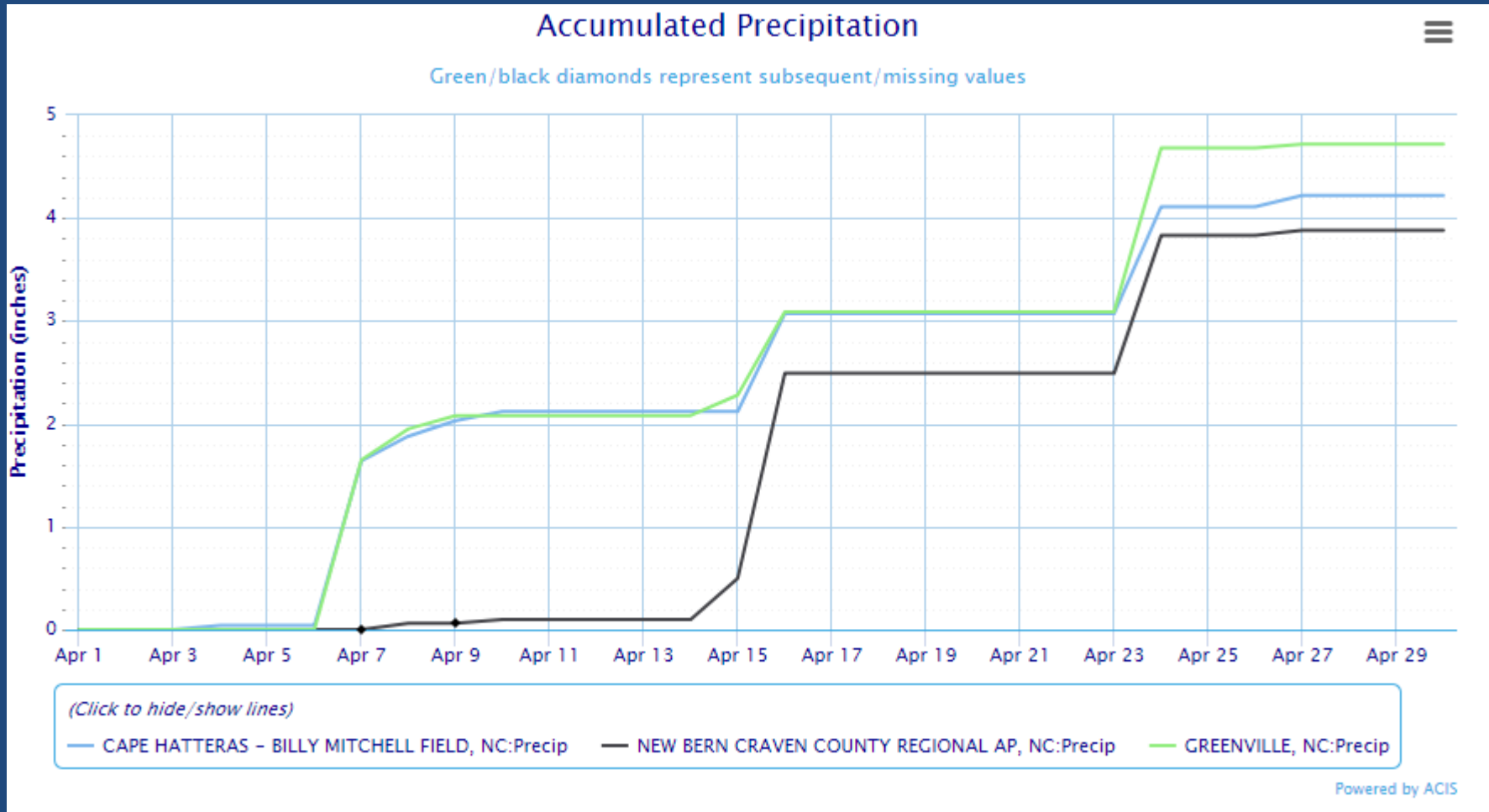
With a persistent trough over the eastern United States, April joined January and March as below-normal months temperature-wise in eastern North Carolina so far in 2018. Rainfall across the region was also anywhere from one-half to over 3 inches above normal. The primary weather event of the month occurred on April 24-25 when heavy rainfall, with local amounts of over 3 inches, occurred mainly over Onslow and Carteret Counties. Small hail was also reported in Tyrrell County on April 25th.



Heavy Rain falling in Jacksonville, NC – April 24, 2018 (Mike McHugh)

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

March 2018 Rainfall



Most locations in eastern North Carolina received 3.5 to near 6 inches of rain during April 2018. This was one-half to 3 inches above normal values for April.

Average Temperatures within our CWA in April 2018

	Avg Max	Avg_Max Normal	Avg_Min	Avg_Min Normal
Beaufort	67.5	69.0	50.3	53.1
Cape Hatteras	67.6	66.3	52.0	52.6
New Bern	70.6	73.5	45.9	50.1
Greenville	71.9	73.2	46.5	49.1
Kinston	73.8	75.6	48.8	50.3
Williamston	69.7	71.4	46.4	47.3
Plymouth	71.5	73.7	47.4	48.5
Bayboro	69.4	72.6	45.0	48.4

Temperatures in April 2018 were 1 to 3 degrees below normal in most locations.

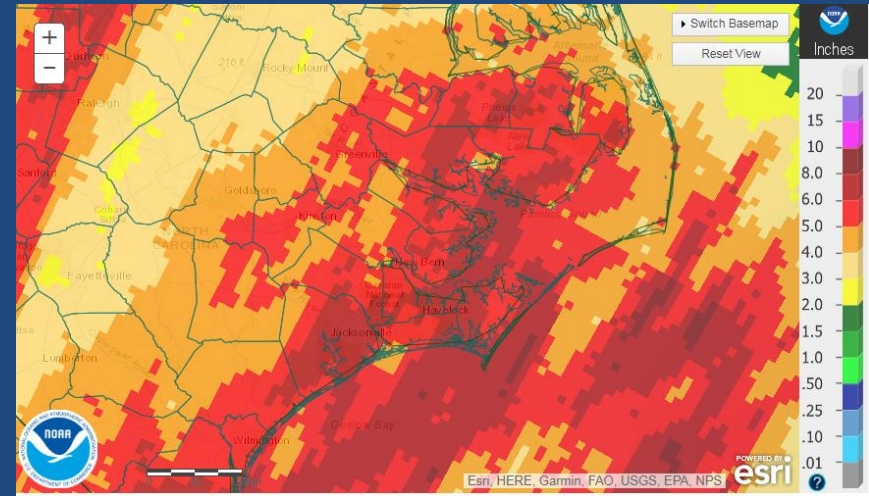
Temperature Extremes within our CWA in April 2018.

	MAX	MIN
Beaufort	76	38
Cape Hatteras	77	37
New Bern	83	35
Greenville	83	35
Kinston	83	34
Williamston	82	35
Plymouth	80	34
Bayboro	83	38

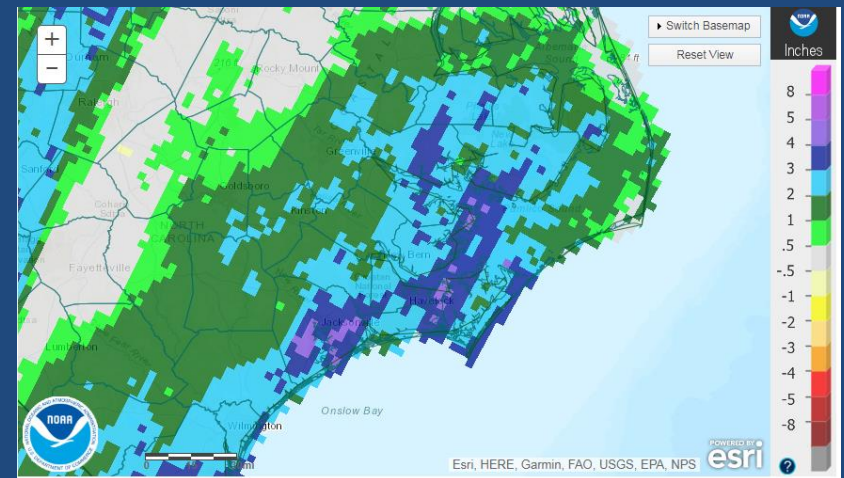
April 2018 Precipitation Vs Climate Normal

	Precipitation (inches)	Normal	Difference
Beaufort	5.31	3.55	1.76
Cape Hatteras	4.22	3.64	0.58
New Bern	3.86	3.17	0.71
Greenville	4.72	3.17	1.55
Williamston	5.30	3.17	2.13
Plymouth	6.49	3.33	3.16
Bayboro	5.78	3.61	2.17

Rainfall in April was above normal for most all locations. Departures from normal ranged from around one-half inch to more than 3 inches above normal.



Observed Rainfall

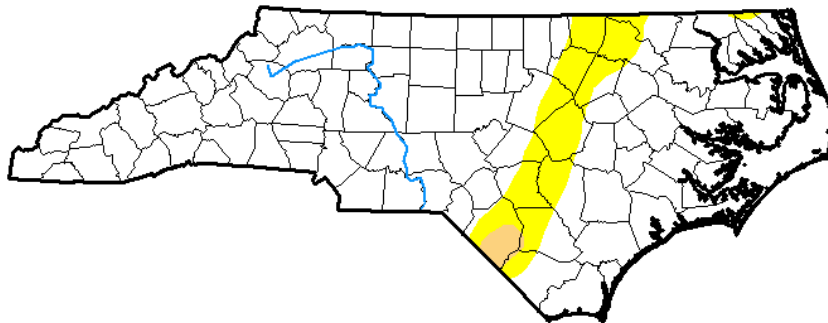


Departure from Normal



Latest Drought Monitor for North Carolina

U.S. Drought Monitor North Carolina

May 1, 2018
(Released Thursday, May. 3, 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:

David Simeral
Western Regional Climate Center



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

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

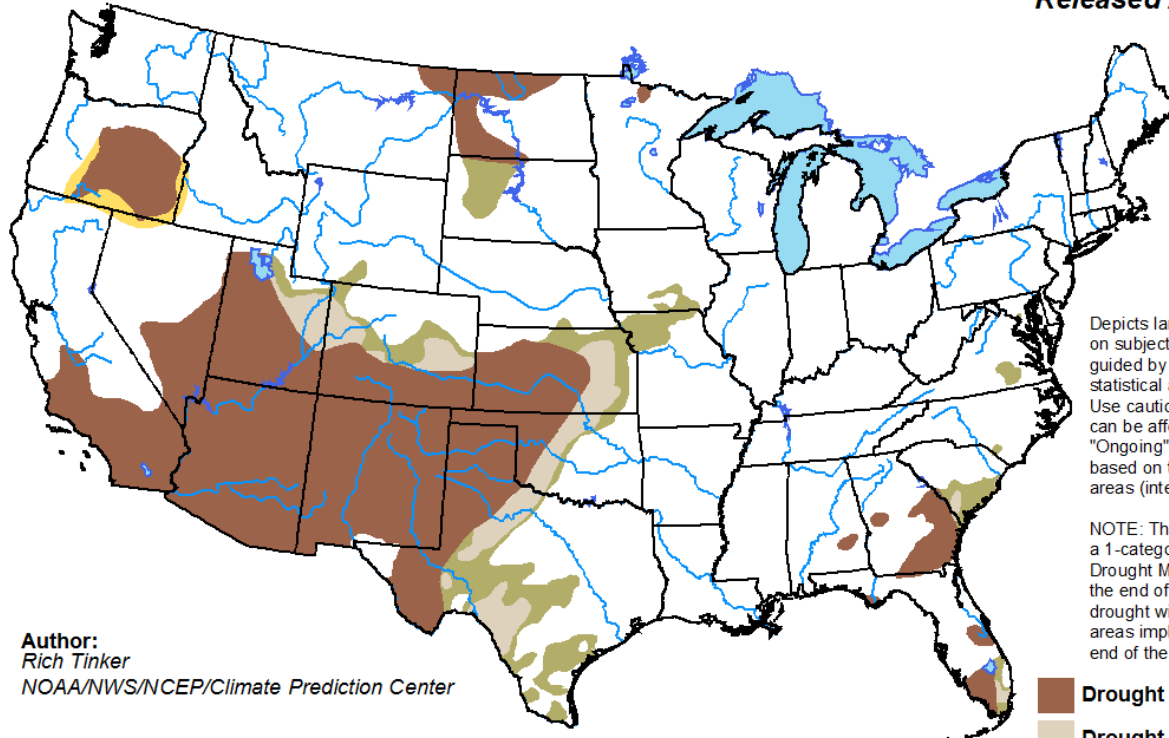
Monthly Drought Outlook

For May

U.S. Monthly Drought Outlook

Drought Tendency During the Valid Period





Valid for May 2018
Released April 30, 2018

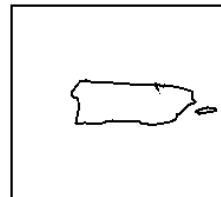
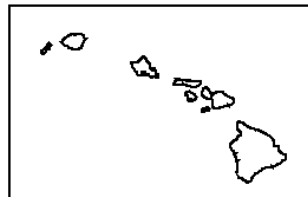
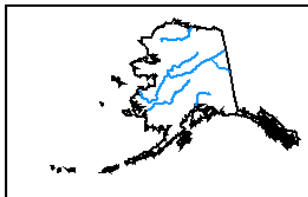


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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