

Climate Review for the month of April 2015

Presented by:
National Weather Service
Newport/Morehead City

Summary

Temperatures were fairly close to normal across eastern North Carolina in April as high pressure dominated the region for much of the month. The main rain-producing system of the month occurred on the 19th when a warm front lifted north of the region, producing localized rainfall amounts of up to an inch. Rainfall was below normal over much of the area, but was above normal well inland from Duplin to Martin Counties.

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 April 2015

	Avg_Max	Avg_Max Normal	Avg_Min	Avg_Min Normal
Beaufort	70.4	69.0	55.3	53.1
Cape Hatteras	67.5	66.3	52.7	52.6
New Bern	73.7	73.5	53.0	50.1
Greenville	73.2	73.2	51.6	49.1
Williamston	71.8	71.4	50.2	47.3
Plymouth	74.1	73.7	50.4	48.5
Bayboro	72.0	72.6	49.9	48.4
Kinston	75.8	75.6	52.9	50.3

Average temperatures overall were very close to normal values for April.

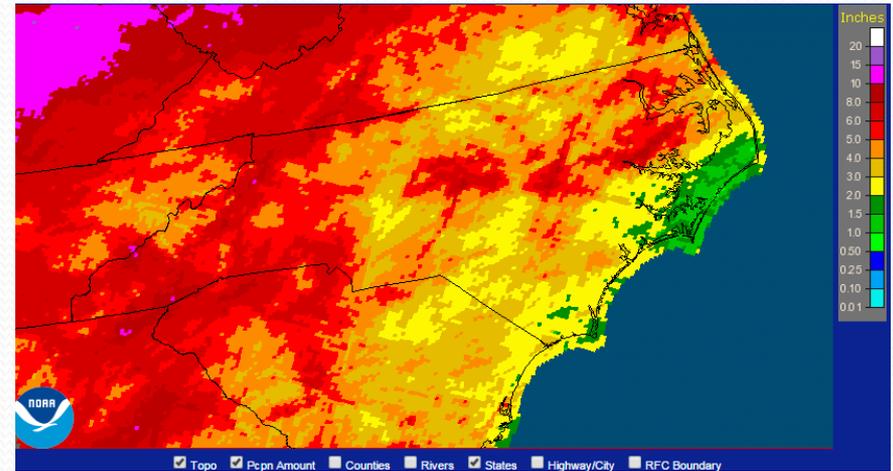
Max and Min Temperature within our CWA in April 2015.

	MAX	MIN
Beaufort	76	37
Cape Hatteras	75	34
New Bern	86	37
Greenville	84	36
Williamston	85	33
Plymouth	84	33
Bayboro	84	36
Kinston	84	36

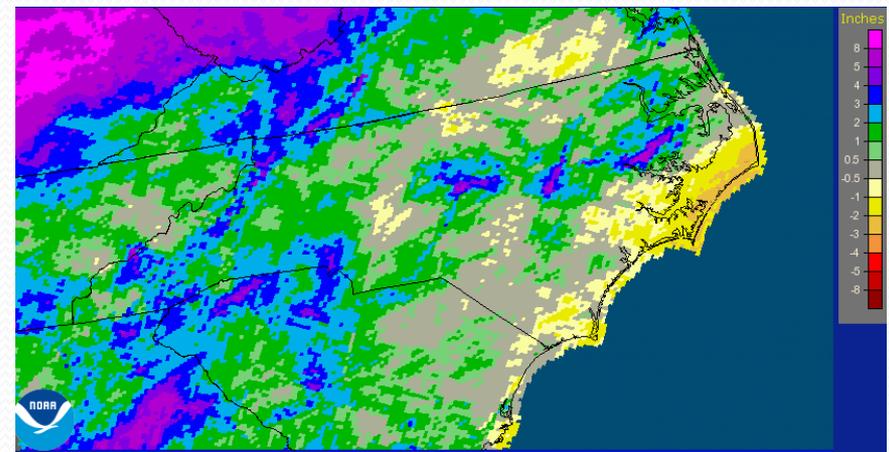
April 2015 Rain versus Climate Normal

	Precipitation (inches)	Normal	Differences
Beaufort	1.39	3.55	-2.16
Cape Hatteras	1.92	3.64	-1.72
New Bern	2.06	3.17	-1.11
Greenville	6.55	3.17	3.38
Williamston	3.84	3.17	0.67
Plymouth	5.80	3.33	2.47
Bayboro	2.20	3.61	-1.41
Kinston	4.14	3.13	1.11

April 2015 had a wide variation in precipitation across the region. It was quite dry near the coast, while the heaviest precipitation fell over our northwestern and northern areas.



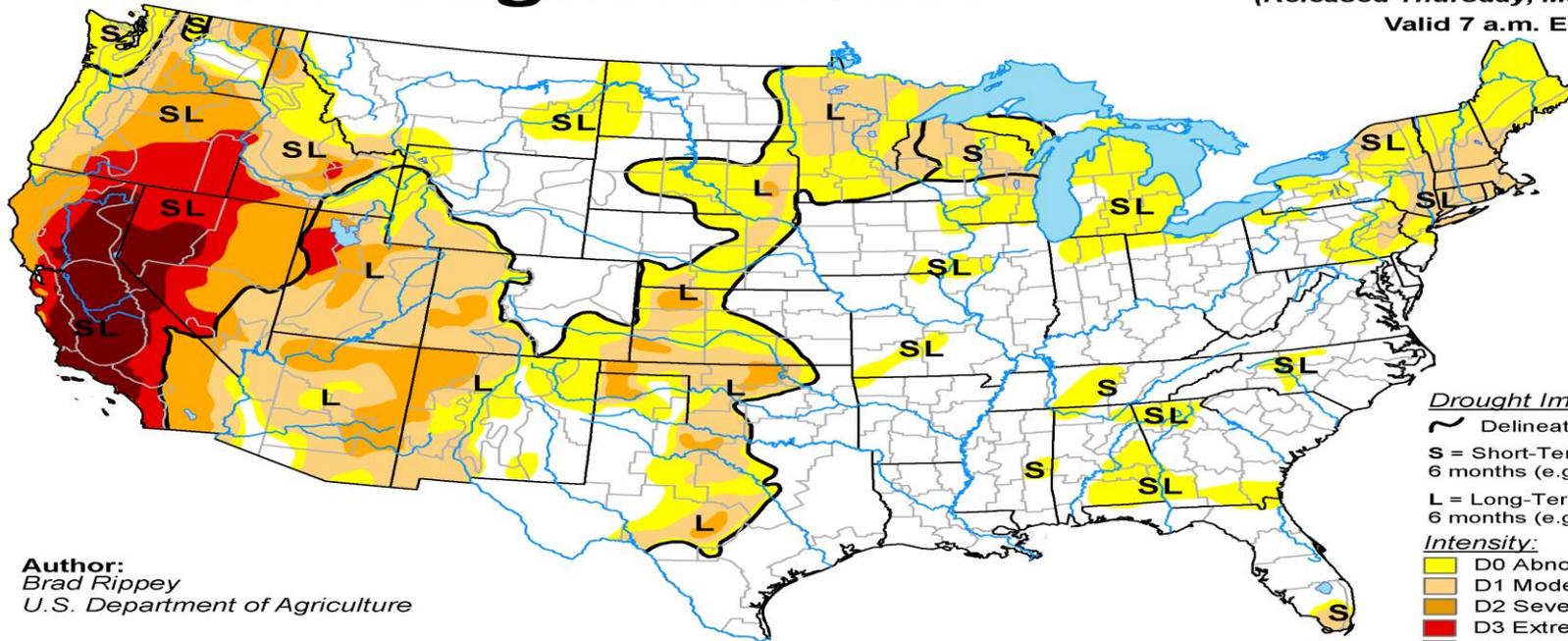
Total Precipitation



Departure from Normal

U.S. Drought Monitor

May 19, 2015
 (Released Thursday, May. 21, 2015)
 Valid 7 a.m. EST



Author:
 Brad Rippey
 U.S. Department of Agriculture

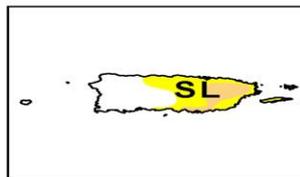
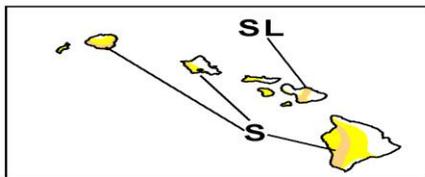
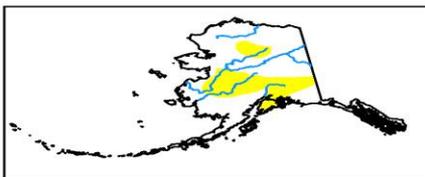
Drought Impact Types:

- ~ Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

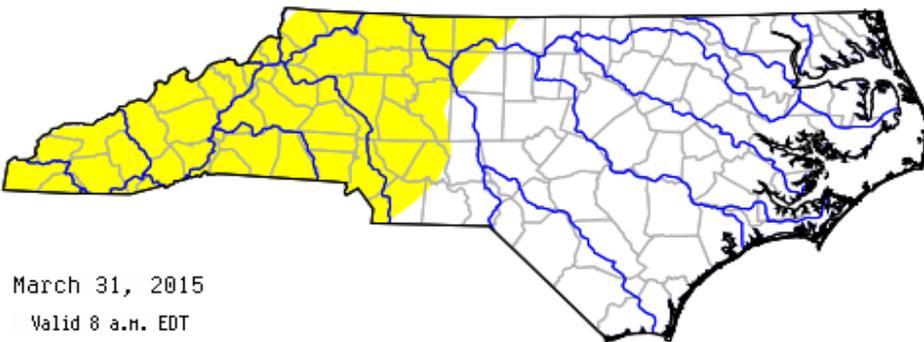
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.



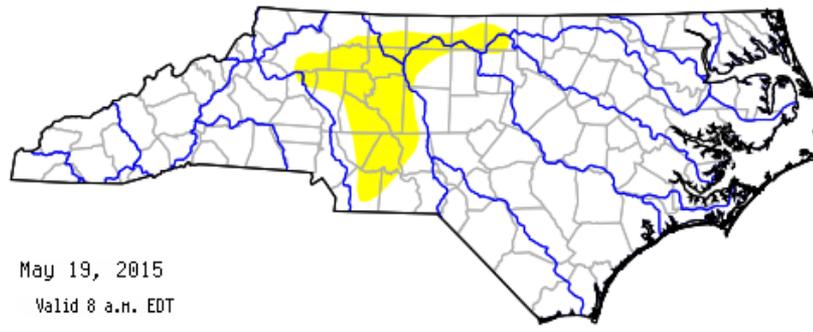
<http://droughtmonitor.unl.edu/>

Before

Now



March 31, 2015
 Valid 8 a.m. EDT

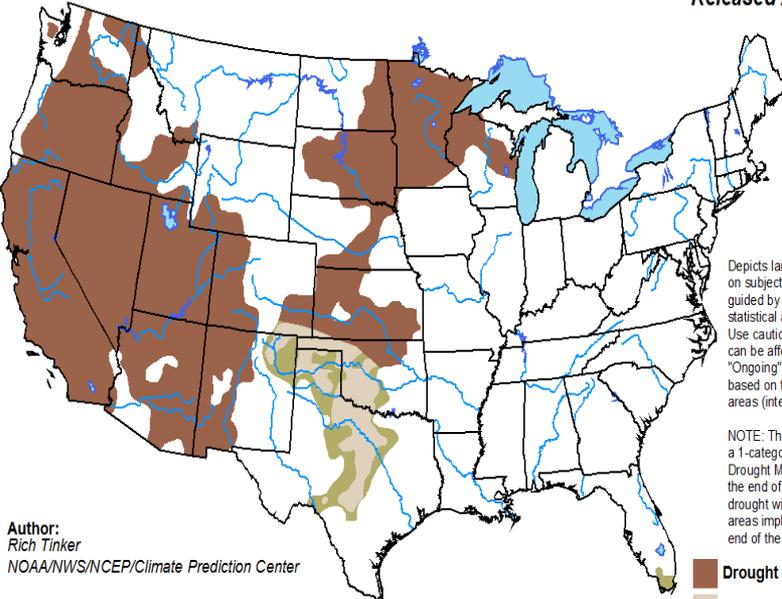


May 19, 2015
 Valid 8 a.m. EDT

U.S. Monthly Drought Outlook

Drought Tendency During the Valid Period

Valid for May 2015
Released April 30, 2015



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/intensifies
- Drought remains but improves
- Drought removal likely
- Drought development likely



<http://go.usa.gov/h6jh>

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Seasonal Drought Outlook



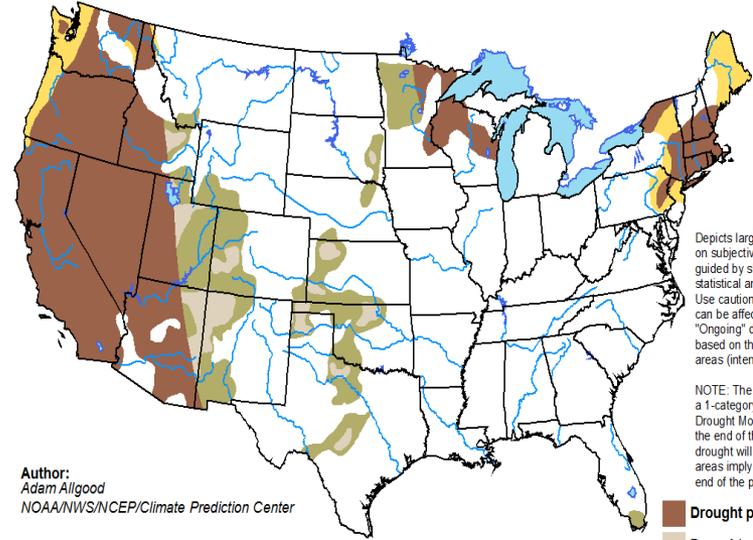
Monthly Drought Outlook



U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for May 21 - August 31, 2015
Released May 21, 2015



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/intensifies
- Drought remains but improves
- Drought removal likely
- Drought development likely



<http://go.usa.gov/hHTe>

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