Climate Review for the month of September 2015

Presented by:

National Weather Service

Newport/Morehead City

Summary

High pressure lingered over the Carolinas for much of the month of September 2015, keeping conditions relatively dry with above normal temperatures. By the final week of September, a series of low pressure systems moving along the coast brought copious amounts of tropical moisture into the region. The result was very heavy rainfall from September 25th through 30th with many parts of eastern North Carolina finishing the month as much as 10 inches above normal for rainfall.

Average Temperatures within our CWA in September 2015

	Avg_ Max	Avg_Max Normal	Avg_ Min	Avg_Min Normal
Beaufort	81.9	80.9	70.8	68.0
Cape Hatteras	82.7	79.9	71.4	69.0
New Bern	83.7	82.9	68.8	64.9
Greenville	83.3	82.9	66.5	62.9
Williamston	82.7	81.8	66.4	61.1
Plymouth	83.2	82.7	67.0	62.9
Bayboro	82.7	83.2	65.9	63.9

Temperatures were generally above normal across the area in September.

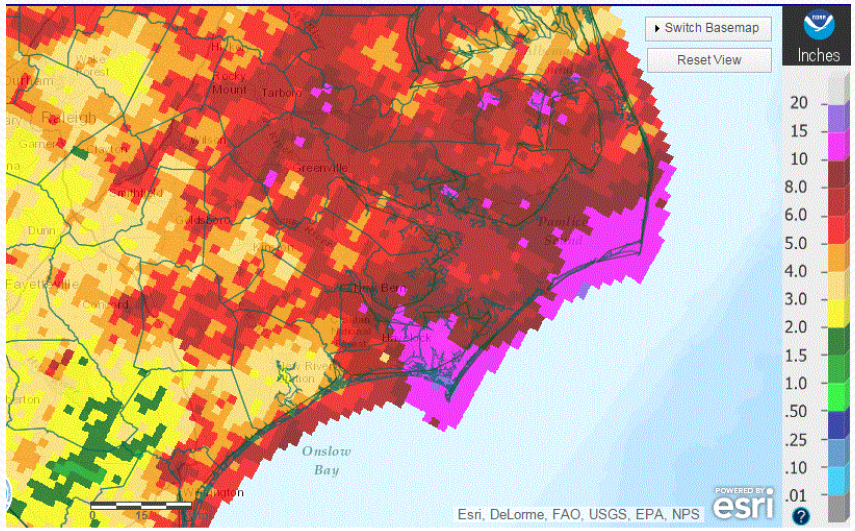
Max and Min Temperature within our CWA in September 2015.

	MAX	MIN
Beaufort	88	54
Cape Hatteras	89	53
New Bern	92	53
Greenville	92	51
Williamston	91	51
Plymouth	92	49
Bayboro	91	49

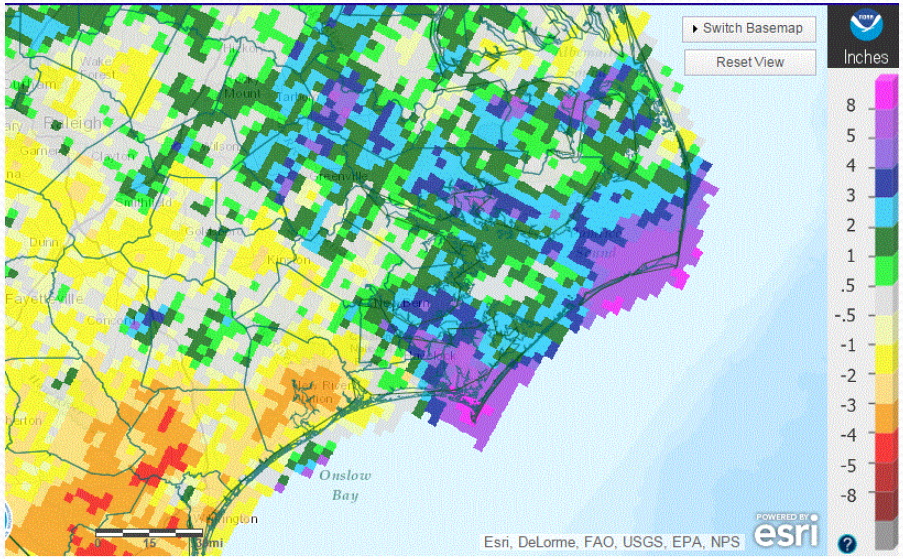
September 2015 Rain versus Climate Normal

	Precipitation (inches)	Normal	Difference
Beaufort	16.53	5.96	**10.57**
Cape Hatteras	12.53	6.25	**6.28**
New Bern	6.66	5.89	**0.77**
Greenville	7.49	5.83	**1.66**
Williamston	5.76	6.07	**-0.31**
Plymouth	5.33	5.39	**-0.06**
Bayboro	9.22	5.98	**3.24**

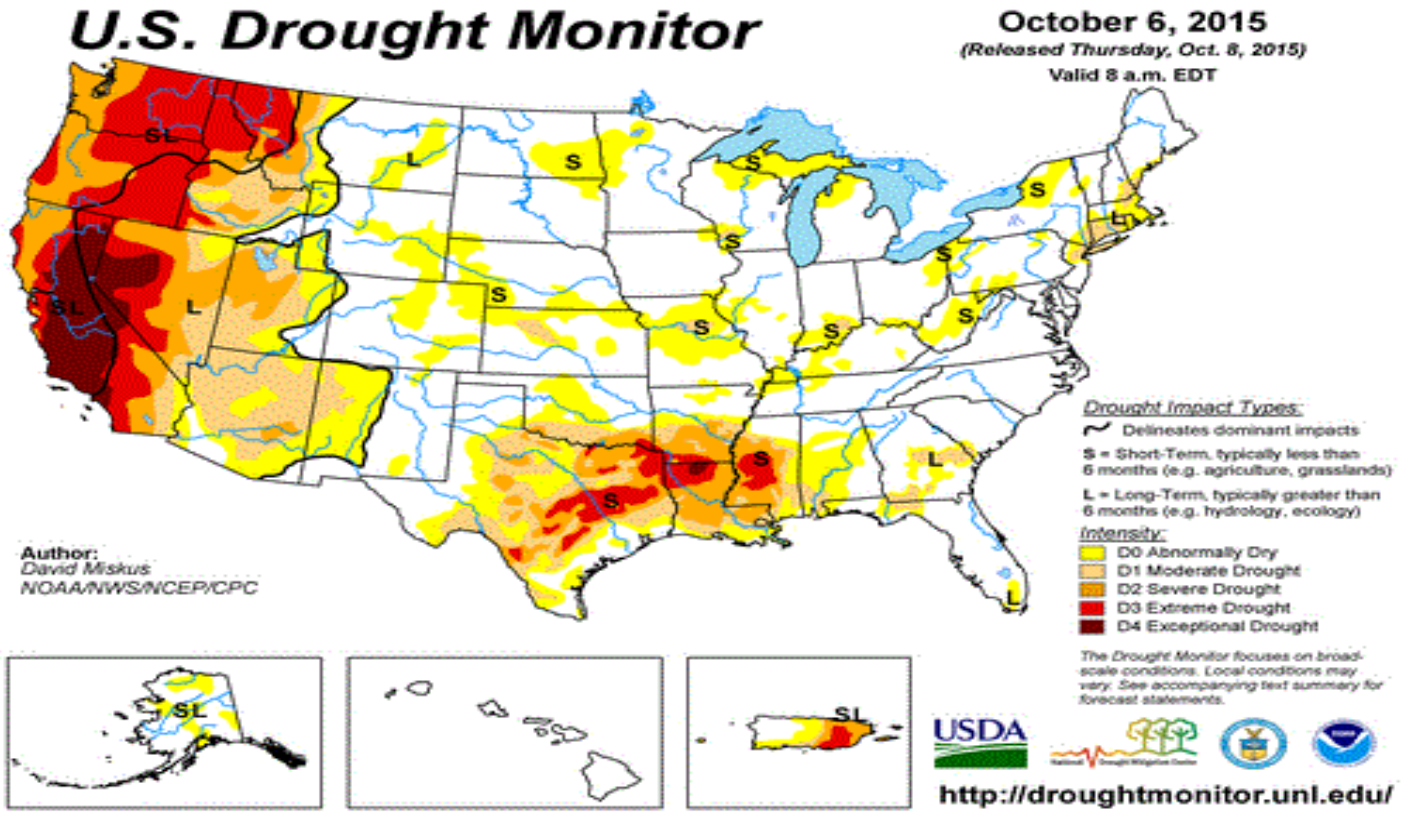
Due to heavy rainfall at the end of September, rainfall totals were well above normal over much our eastern North Carolina. The exception was a few sections over the far northern and far southwestern counties.



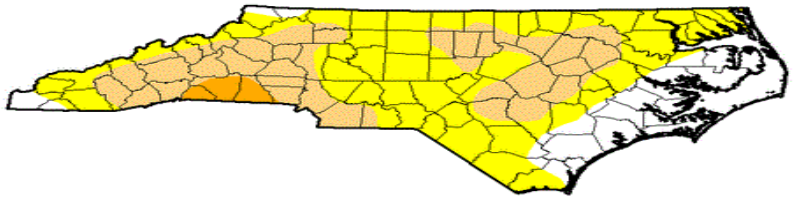
Observed Precipitation



Departure from Normal

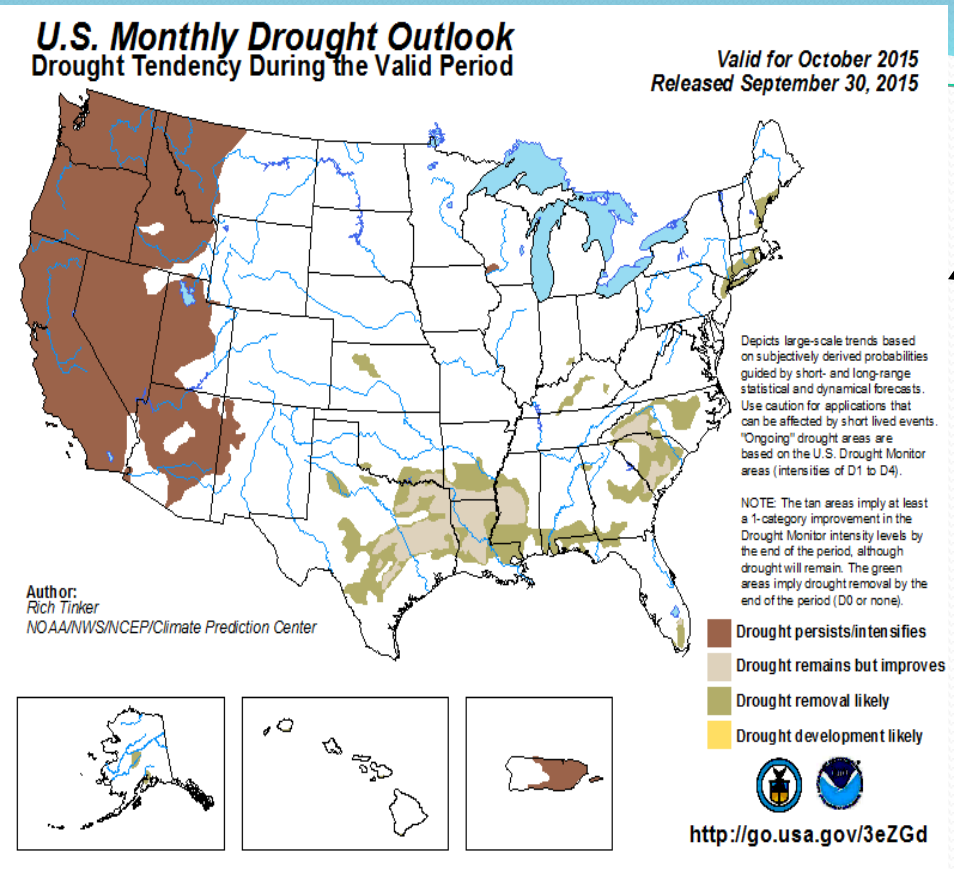

U.S. Drought Monitor
October 6, 2015
(Released Thursday, Oct. 8, 2015)
Valid 8 a.m. EDT
Author:
David Miskus
NOAA/NWS/NCEP/CPC
Drought Impact Types:
Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. 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.
USDA
http://droughtmonitor.unl.edu/

Before

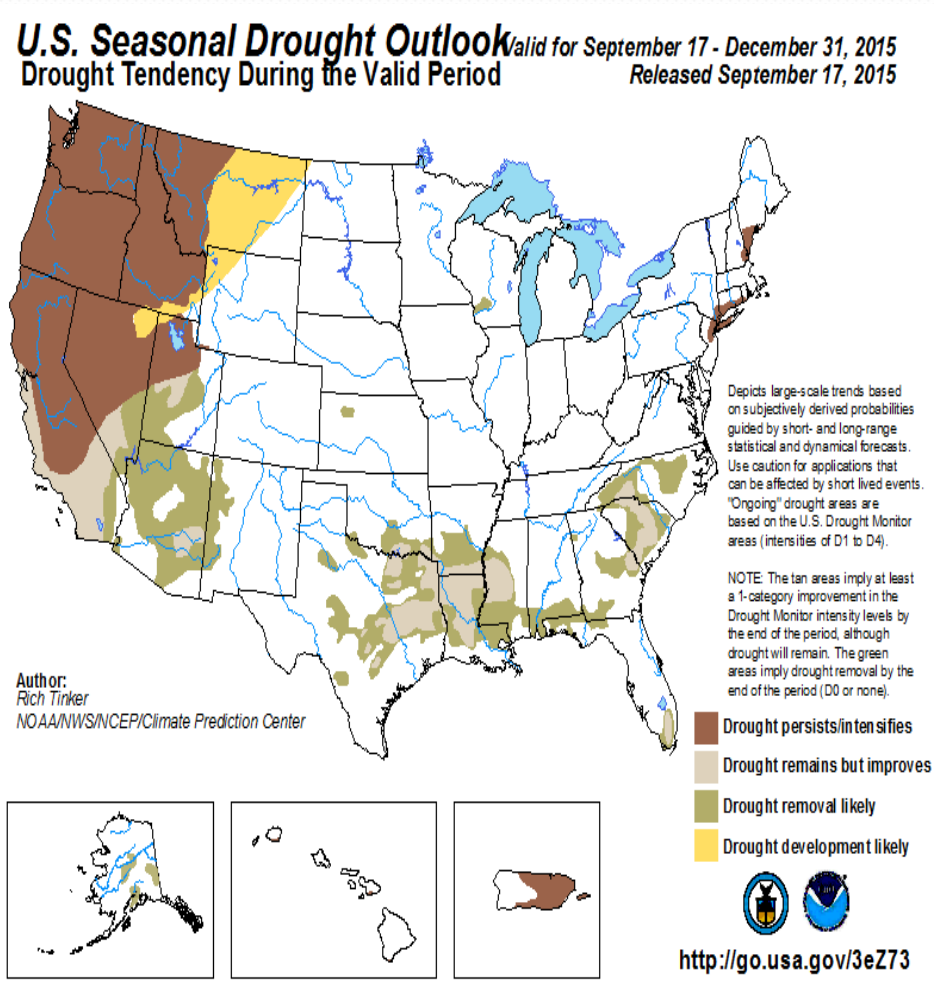


Now


October 6, 2015
Valid 8 a.m. EDT



Monthly Drought Outlook



Seasonal Drought Outlook