Climate Review for the month of October 2015

Presented by:

National Weather Service

Newport/Morehead City

Summary

The heavy rainfall continued from late September into early October as the combination of Hurricane Joaquin moving well offshore and a slow-moving upper low along the Carolina Coast led to several days of heavy rainfall at the beginning of October. Much drier conditions prevailed over the final two-thirds of the month as high pressure controlled the Southeast. For much of eastern North Carolina, it was the second wettest October in the past 30 years. Temperatures were near or a bit above normal of the month.

Average Temperatures within our CWA in October 2015

	Avg_ Max	Avg_Max Normal	Avg_ Min	Avg_Min Normal
Beaufort	73.2	73.8	58.1	57.0
Cape Hatteras	72.1	72.0	61.0	59.7
New Bern	74.2	74.7	55.2	53.5
Greenville	72.7	73.8	52.5	50.6
Williamston	72.5	73.3	53.4	49.4
Plymouth	74.1	74.5	54.2	51.9
Bayboro	74.4	75.1	54.8	52.3

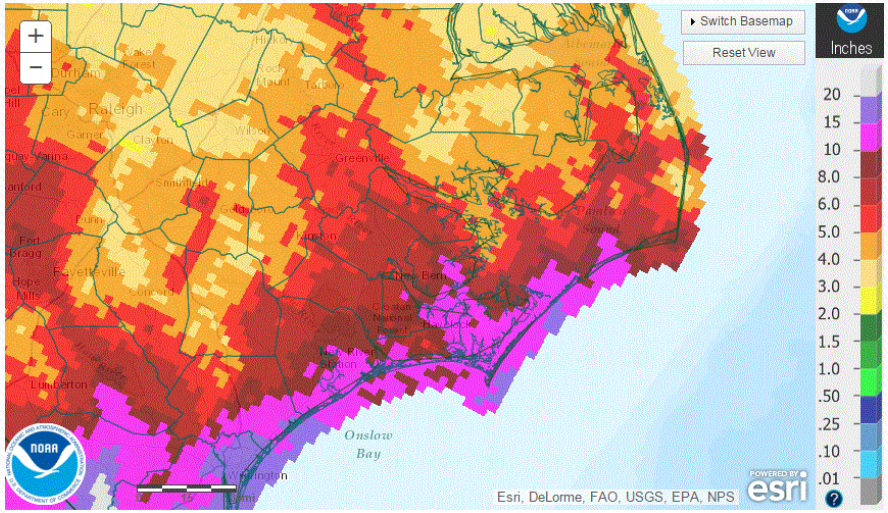
Temperatures were generally near or above normal, especially minimum temperatures during October 2015.

Max and Min Temperature within our CWA in October 2015.

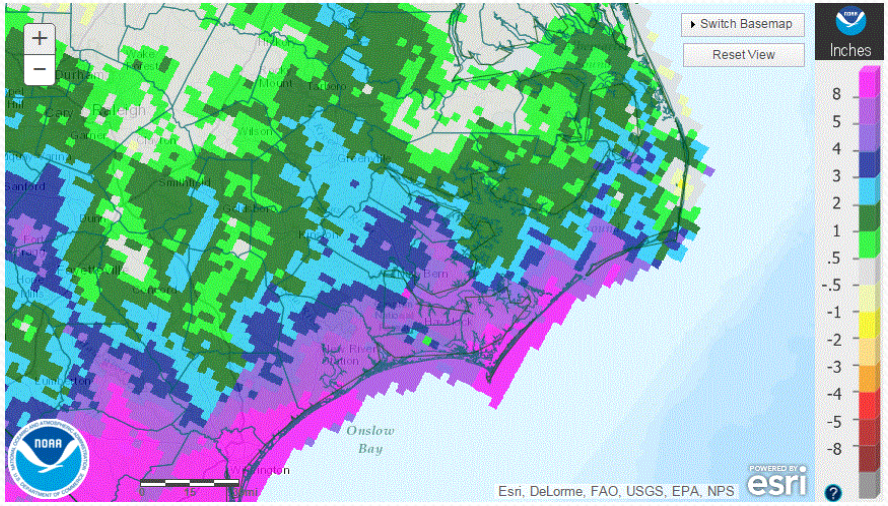
	MAX	MIN
Beaufort	83	42
Cape Hatteras	80	50
New Bern	84	37
Greenville	84	34
Williamston	84	38
Plymouth	84	34
Bayboro	86	37

October 2015 Rain versus Climate Normal

	Precipitation (inches)	Normal	Difference
Beaufort	9.69	3.88	5.81
Cape Hatteras	7.39	5.38	2.01
New Bern	6.02	3.26	2.76
Greenville	6.98	3.25	3.73
Williamston	7.26	3.90	3.36
Plymouth	6.39	3.75	2.64
Bayboro	8.65	3.98	4.67

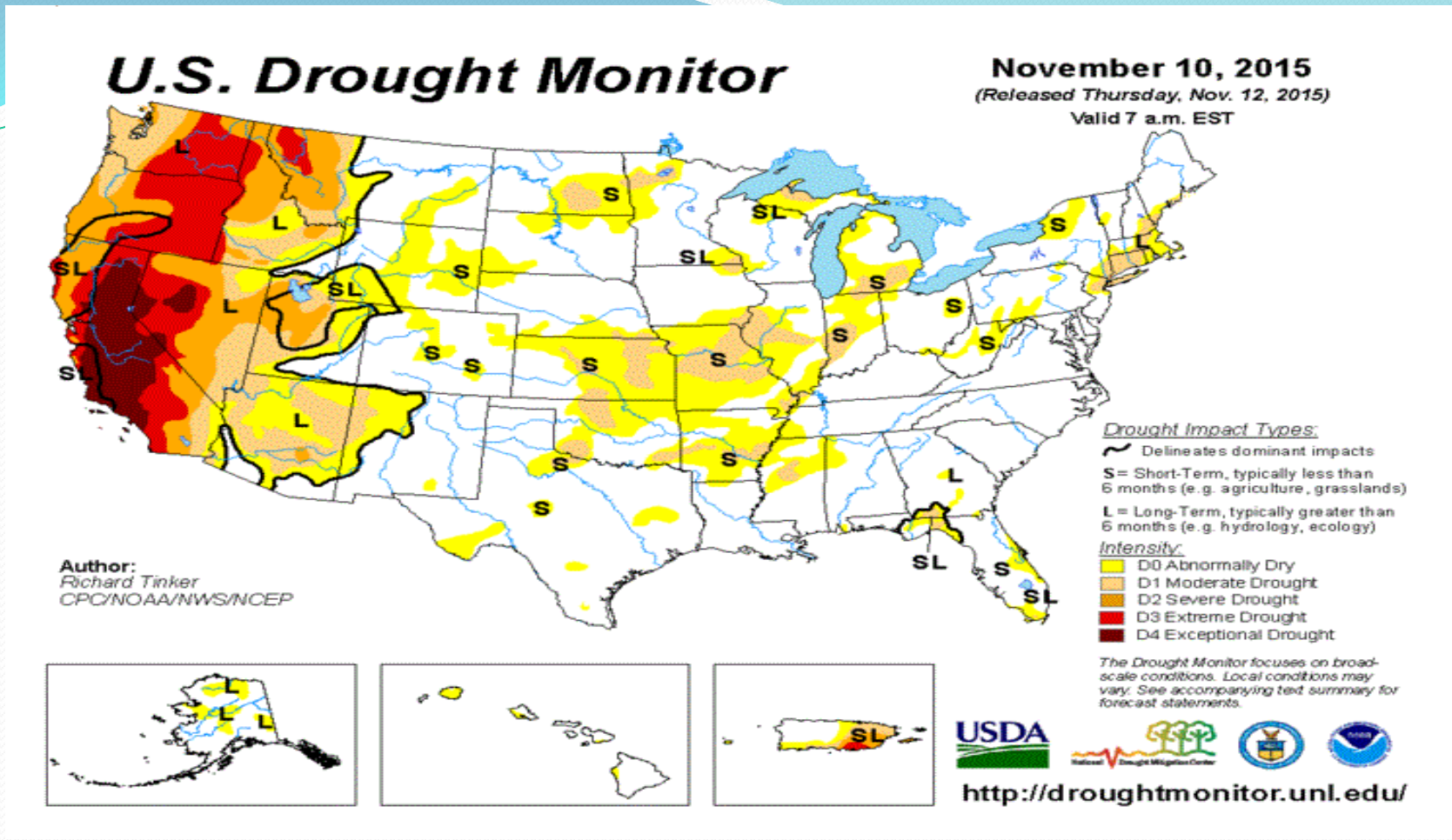


Observed Precipitation



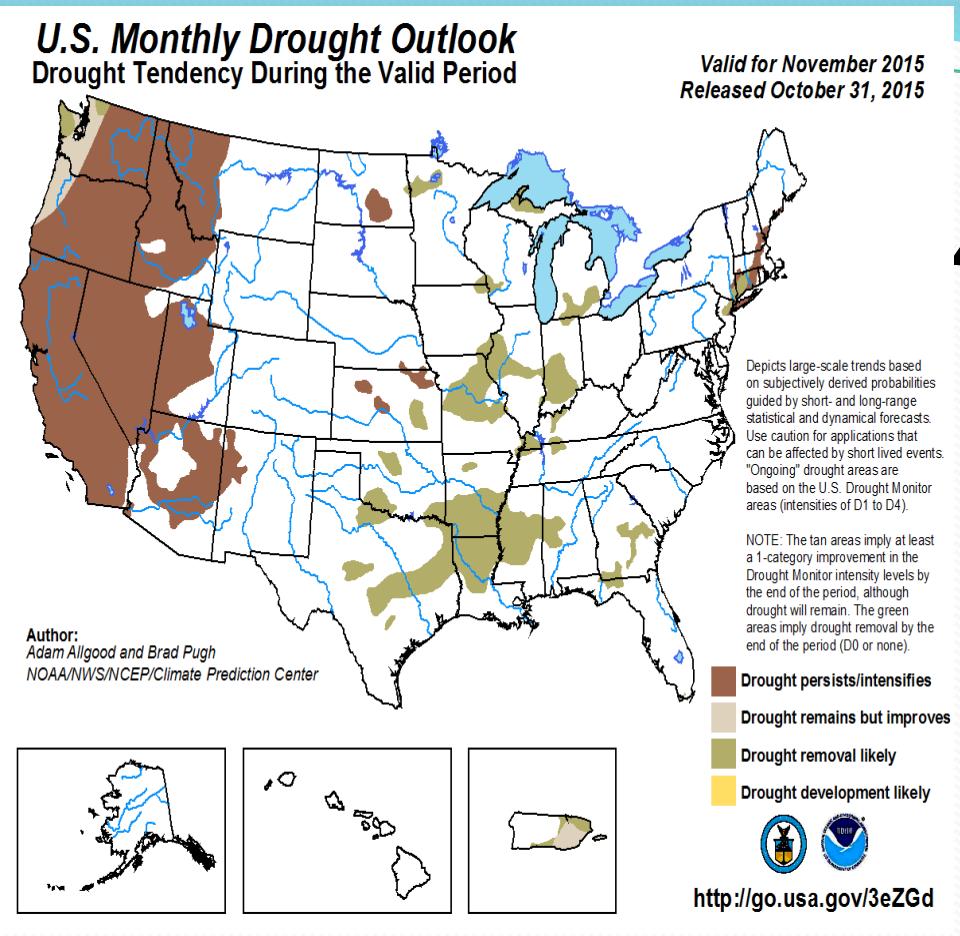
Departure from Normal

Heavy rainfall continued into early October and rainfall totals were well above normal area-wide, with the heaviest rain along the coast. Drier conditions prevailed over the final two-thirds of October.



Current NC Drought Update

Monthly Drought Outlook



Seasonal Drought Outlook