

Climate Review for the month of February 2011

Presented by:
BelMel Publishing

Summary

After having two months of cold temperatures across Eastern NC, we finally started to have milder temperatures after the second half of the month. Temperatures have reached into the 70s while some locations inland reached into the 80s. Overall, there was an average of 3 degree above normal for the month of February.

We continue to be below normal for precipitation, but not as bad as the previous month. In January, we generally ranged between 1-3 inches below normal while in February we ranged from half of inch to 1.50 inch below normal. Our inland counties continue to be under a D0 Abnormally Dry.

We did have one winter storm (Feb. 10) that brought snow across Eastern North Carolina. Heaviest snowfall accumulation were along the Hwy 264 and 64 corridor where 2 to 4 inches fell.

DISCLAIMER from Bel: 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

	Avg_ Max	Avg_ Max Normal	Avg_ Min	Avg_ Min Normal
Beaufort	57.5	na	40.2	na
Cape Hatteras	56.8	54.6	43.2	39.0
New Bern	61.8	57.4	37.3	35.5
Greenville	60.6	55.2	35.5	33.5
Kinston AG	64.4	59.9	37.7	34.5
Williamston	57.0	55.0	32.8	33.6
Plymouth	62.4	57.6	36.0	34.4
Aurora	57.8	56.8	37.2	36.3
Bayboro	59.9	58.9	37.4	35.1

Average Max Temperature (Avg. Min Temperature) were 1 to 5 degrees (1 to 4 degrees) ABOVE NORMAL. Overall, ABOVE NORMAL for the month.

Max and Min Temperature within our CWA

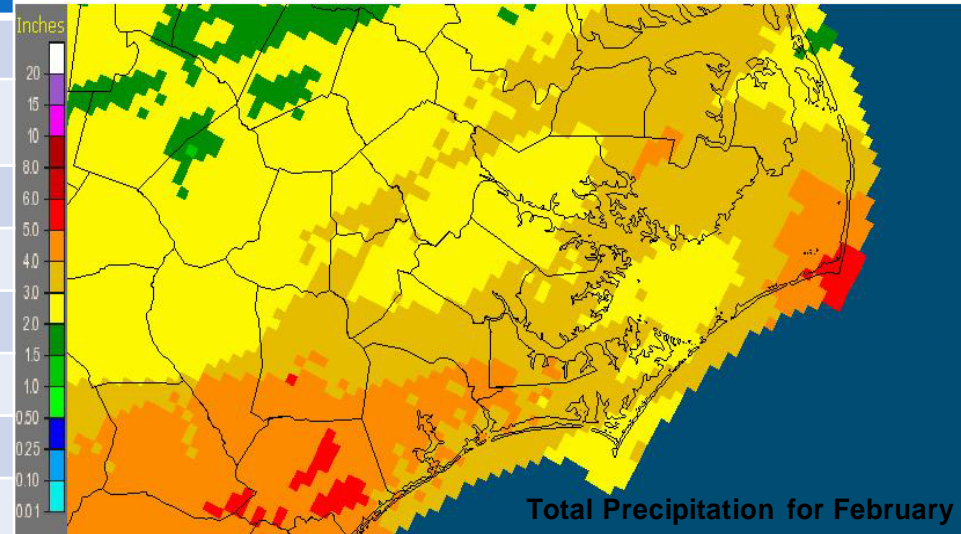
	MAX	MIN
Beaufort	71	28
Cape Hatteras	68	32
New Bern	81	21
Greenville	82	20
Kinston AG	82	23
Williamston	78	22
Plymouth	81	19
Aurora	79	29
Bayboro	78	28

Finally, we broke into the 70s & 80s as for Highs. We did have some cold nights, especially after Feb.10's snowfall event.

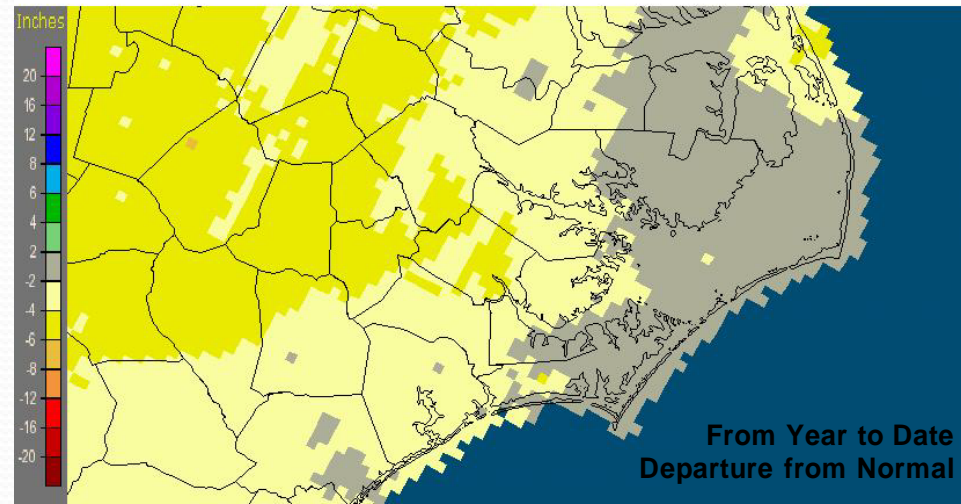
February's Rain versus Normal

	Precipitation (inches)	Normal	Differences
Beaufort	3.37	na	na
Cape Hatteras	4.41	3.94	0.47
New Bern	3.23	3.8	-0.57
Greenville	2.9	3.45	-0.55
Kinston AG	2.17	3.53	-1.36
Williamston	2.23	3.34	-1.11
Plymouth	2.6	3.45	-0.85
Aurora	2.3	3.07	-0.77
Bayboro	3.2	3.25	-0.05

Newport/Morehead City, NC (MHX): February, 2011 Monthly Observed Precipitation
Valid at 3/1/2011 1200 UTC- Created 3/3/11 21:39 UTC



Newport/Morehead City, NC (MHX): Current Year to Date Departure from Normal Precipitation
Valid at 3/13/2011 1200 UTC- Created 3/13/11 23:52 UTC



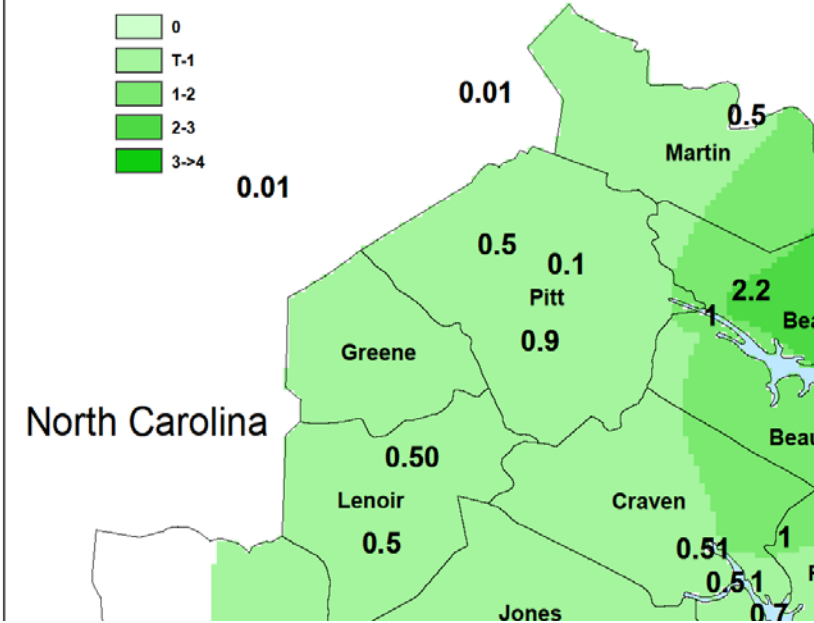
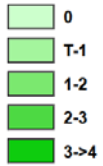
We continue to be **BELOW NORMAL** for precipitation across over our CWA. Precipitation totals generally ranged from 2 to 4 inches over the area with the higher precipitation totals nearest to the coast. Cape Hatteras was the only station to be **ABOVE NORMAL**.

February 10th Snowfall Accumulation



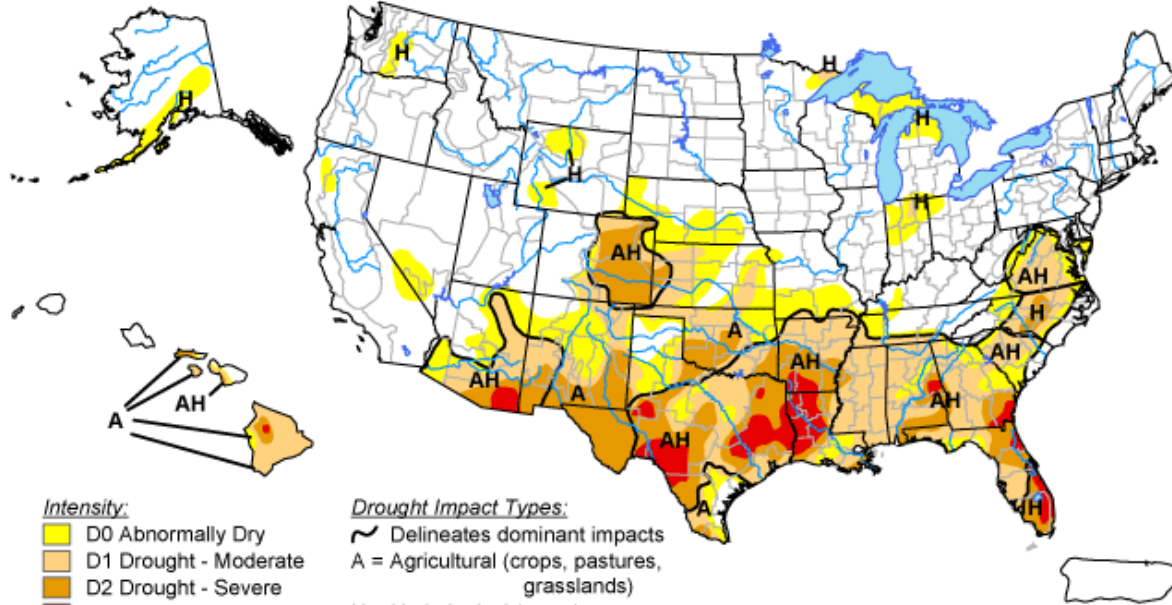
National W
Newport/Mc

Snowfall Accumulation (inches)



U.S. Drought Monitor

March 8, 2011
Valid 7 a.m. EST



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

Drought Impact Types:
 ~ Delineates dominant impacts
 A = Agricultural (crops, pastures, grasslands)
 H = Hydrological (water)

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

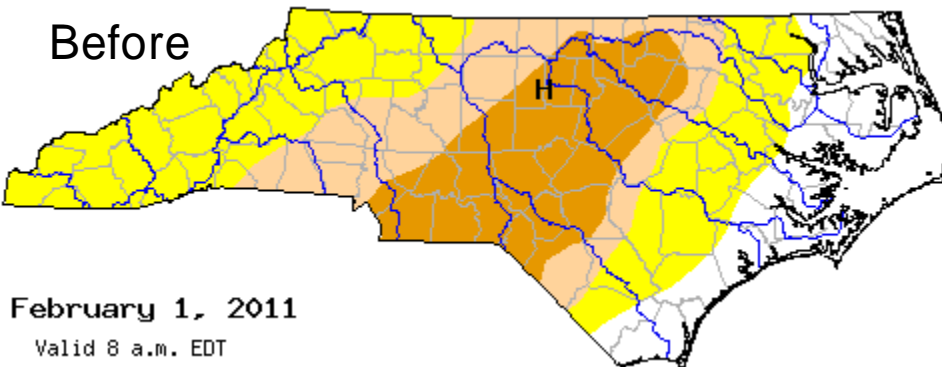


Released Thursday, March 10, 2011

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<http://drought.unl.edu/dm>

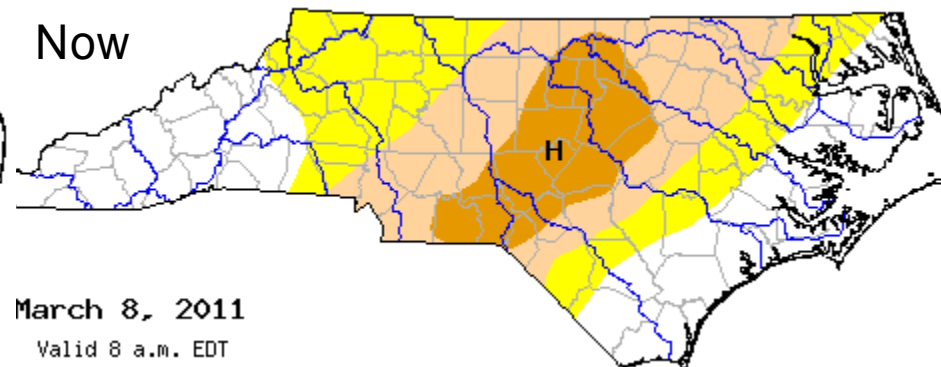
Before



February 1, 2011

Valid 8 a.m. EDT

Now



March 8, 2011

Valid 8 a.m. EDT

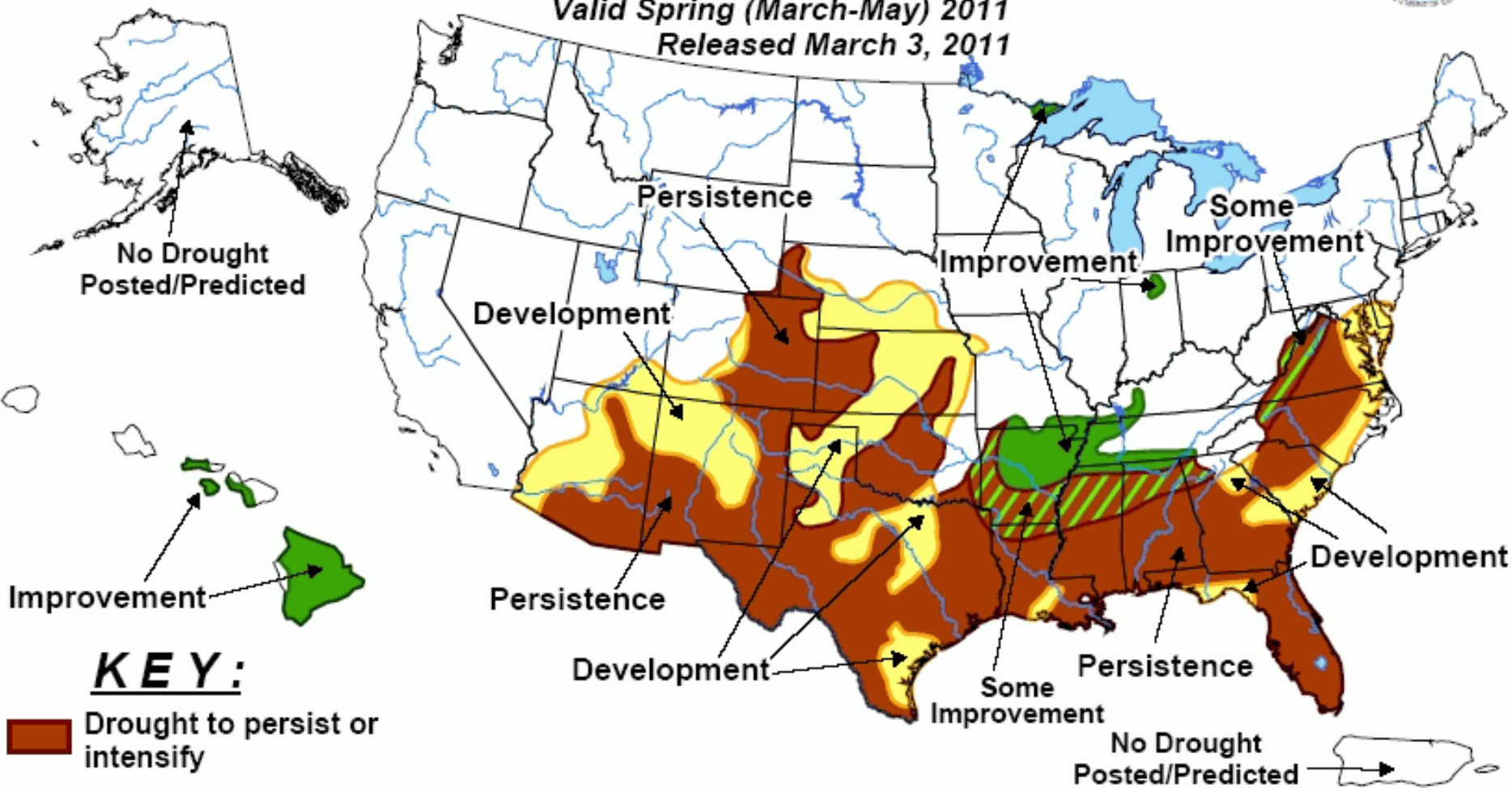


U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period



Valid Spring (March-May) 2011
Released March 3, 2011



KEY:

-  Drought to persist or intensify
-  Drought ongoing, some improvement
-  Drought likely to improve, impacts ease
-  Drought development likely

Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events – such as individual storms – cannot be accurately forecast more than a few days in advance. Use caution for applications – such as crops – that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity). For weekly drought updates, see the latest U.S. Drought Monitor. NOTE: the green improvement areas imply at least a 1-category improvement in the Drought Monitor intensity levels, but do not necessarily imply drought elimination.