

# Climate Review for the month of January 2011

Presented by:  
BelMel Publishing

# Summary

January 2011 was not as extreme as last month, but continue to have snow events. Overall, temperatures were 3 to 5 degrees below normal for the month. Even though we had two snow storms within our CWA, precipitation values are still below average for the month.

*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	49.2	na	32.2	na
Cape Hatteras	49.3	53.6	34.7	38.6
New Bern	49.3	54.4	29.0	33.9
Greenville	47.9	51.6	28.1	31.3
Kinston AG	51.1	55.9	30.3	33.2
Williamston	46.8	52.0	27.3	31.9
Plymouth	47.8	54.0	29.3	33.1
Aurora	47.5	53.2	31.0	31.4
Bayboro	51.6	55.6	31.9	33.8

Average Max Temperature was 4 to 6 degrees BELOW NORMAL, while average Min Temperature was 1 to 5 BELWO NORMAL.

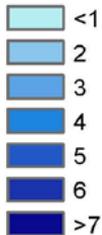
# Max and Min Temperature within our CWA

	MAX	MIN
Beaufort	65	16
Cape Hatteras	61	23
New Bern	69	17
Greenville	69	13
Kinston AG	68	14
Williamston	67	16
Plymouth	67	16
Aurora	70	20
Bayboro	69	18

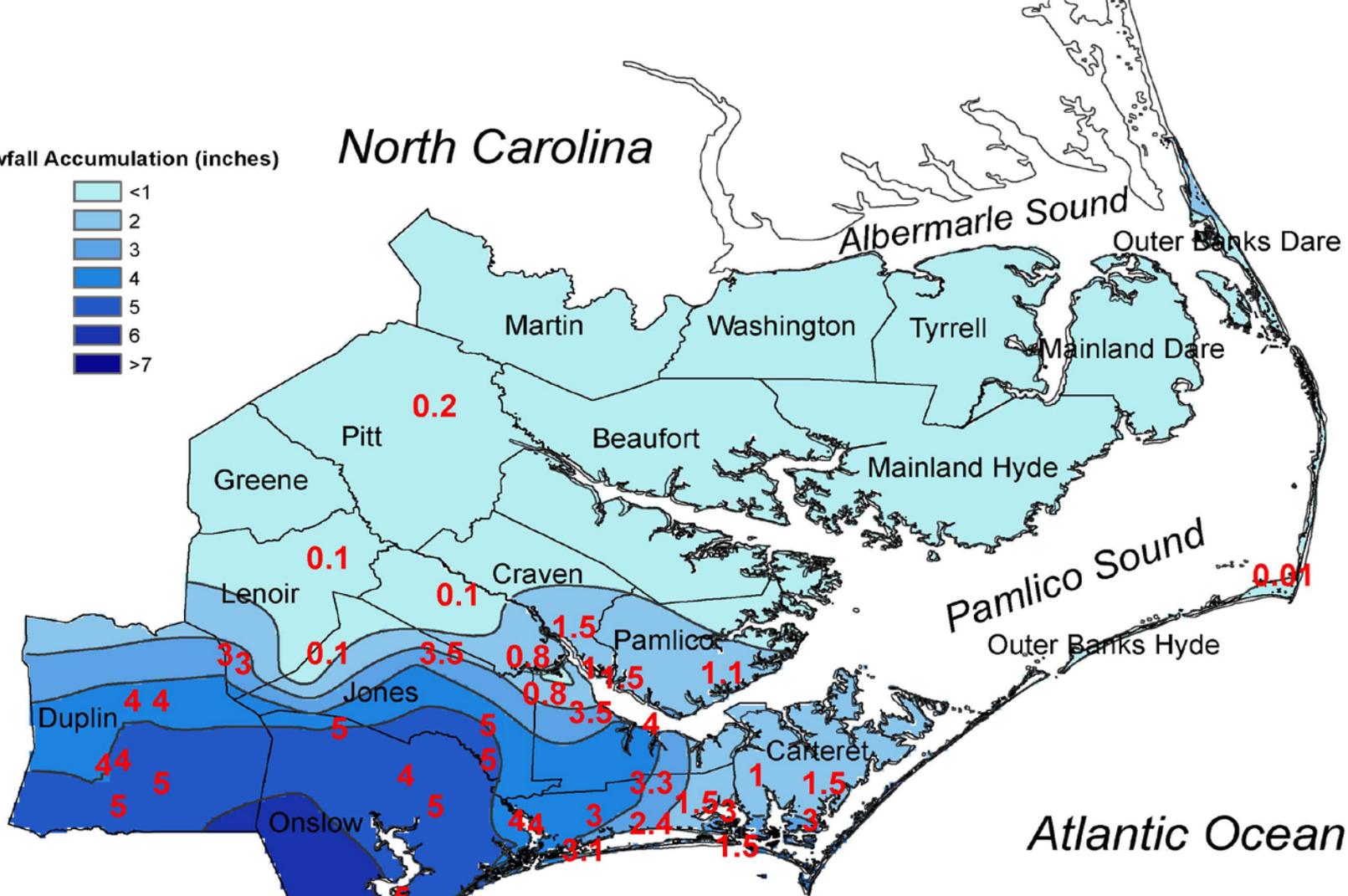
# January's Rain versus Normal

	Precipitation (inches)	Normal	Differences
Beaufort	4.86	na	na
Cape Hatteras	4.71	5.84	-1.13
New Bern	2.85	4.77	-1.92
Greenville	2.39	4.43	-2.04
Kinston AG	1.49	4.3	-2.81
Williamston	2.34	4.36	-2.02
Plymouth	3.43	4.54	-1.11
Aurora	3.23	4.26	-1.03
Bayboro	4.38	4.52	-0.14

Snowfall Accumulation (inches)



# North Carolina



This map was created by Lara Pagano at the National Weather Service Newport, NC



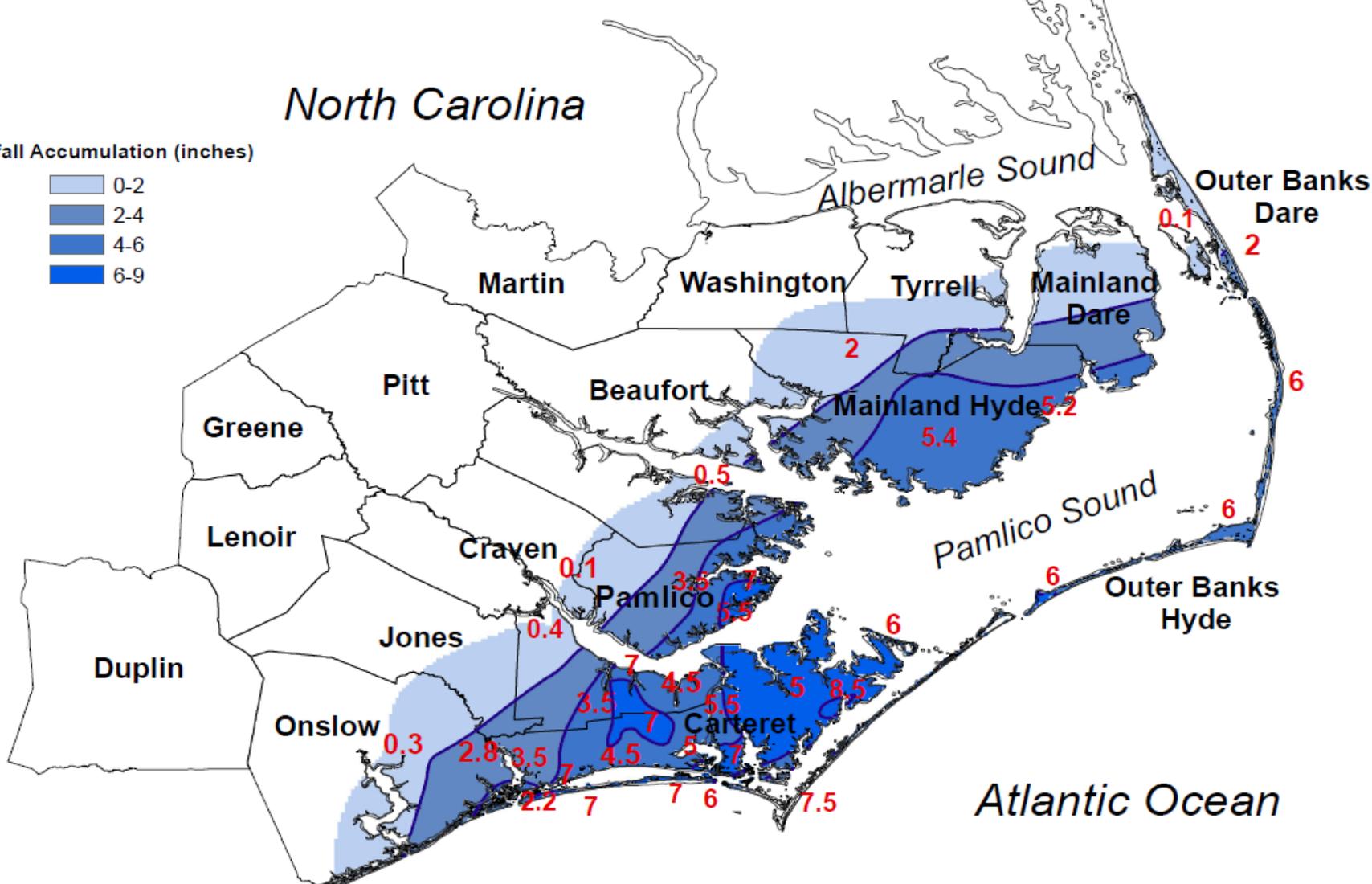
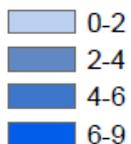
\*Most Sources from CoCoRAHS, COOP Observers and Trained Spotters

# January 10th, 2011 Snowfall Accumulation



# North Carolina

Snowfall Accumulation (inches)



This map was created by the National Weather Service in Newport, NC



\*Most Sources from CoCoRAHS, COOP Observers and Trained Spotters

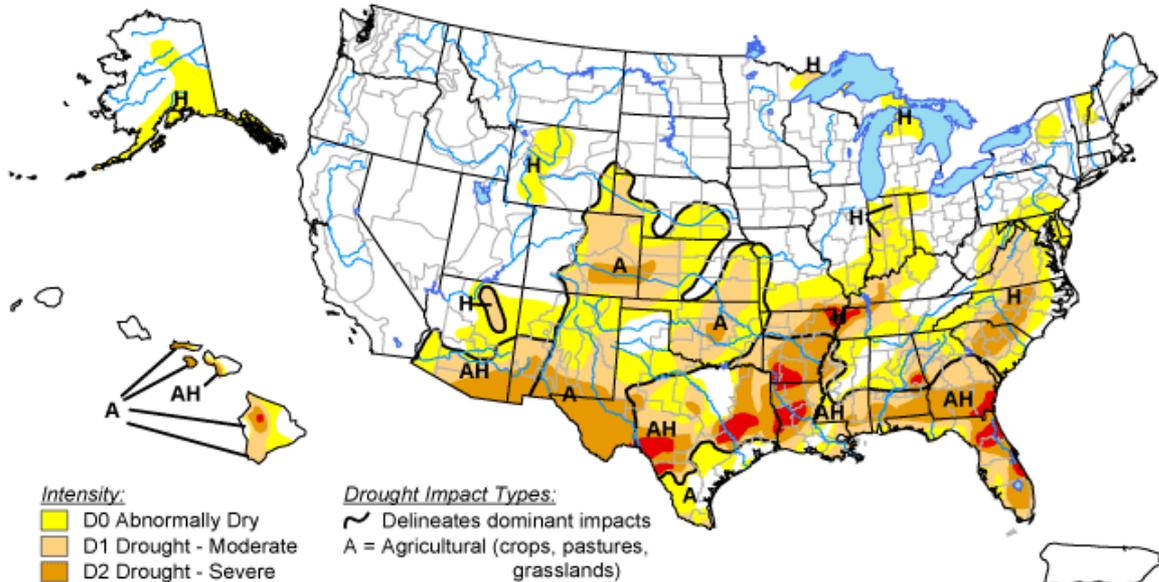
## January 22nd, 2011 Snowfall Accumulation



0 4.5 9 18 27 36 Miles

# U.S. Drought Monitor

February 1, 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.

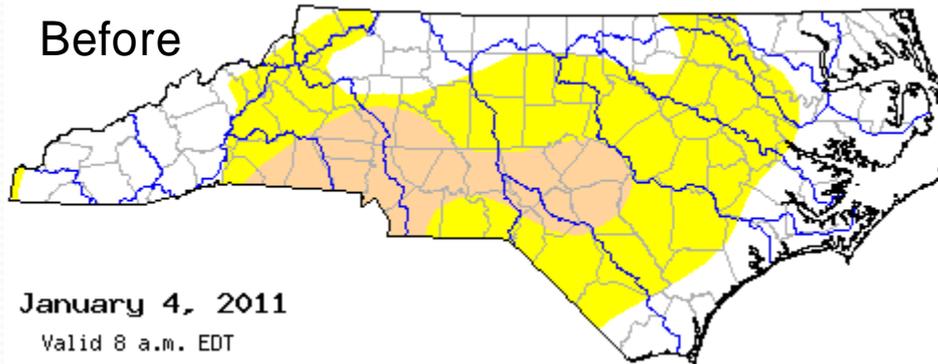


Released Thursday, February 3, 2011

Author: Richard Heim/Liz Love-Brotak, NOAA/NESDIS/NCDC

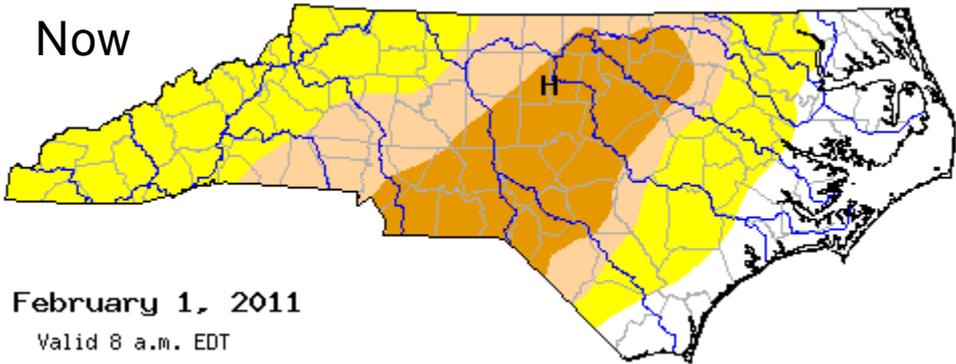
<http://drought.unl.edu/dm>

Before



January 4, 2011  
Valid 8 a.m. EDT

Now



February 1, 2011  
Valid 8 a.m. EDT



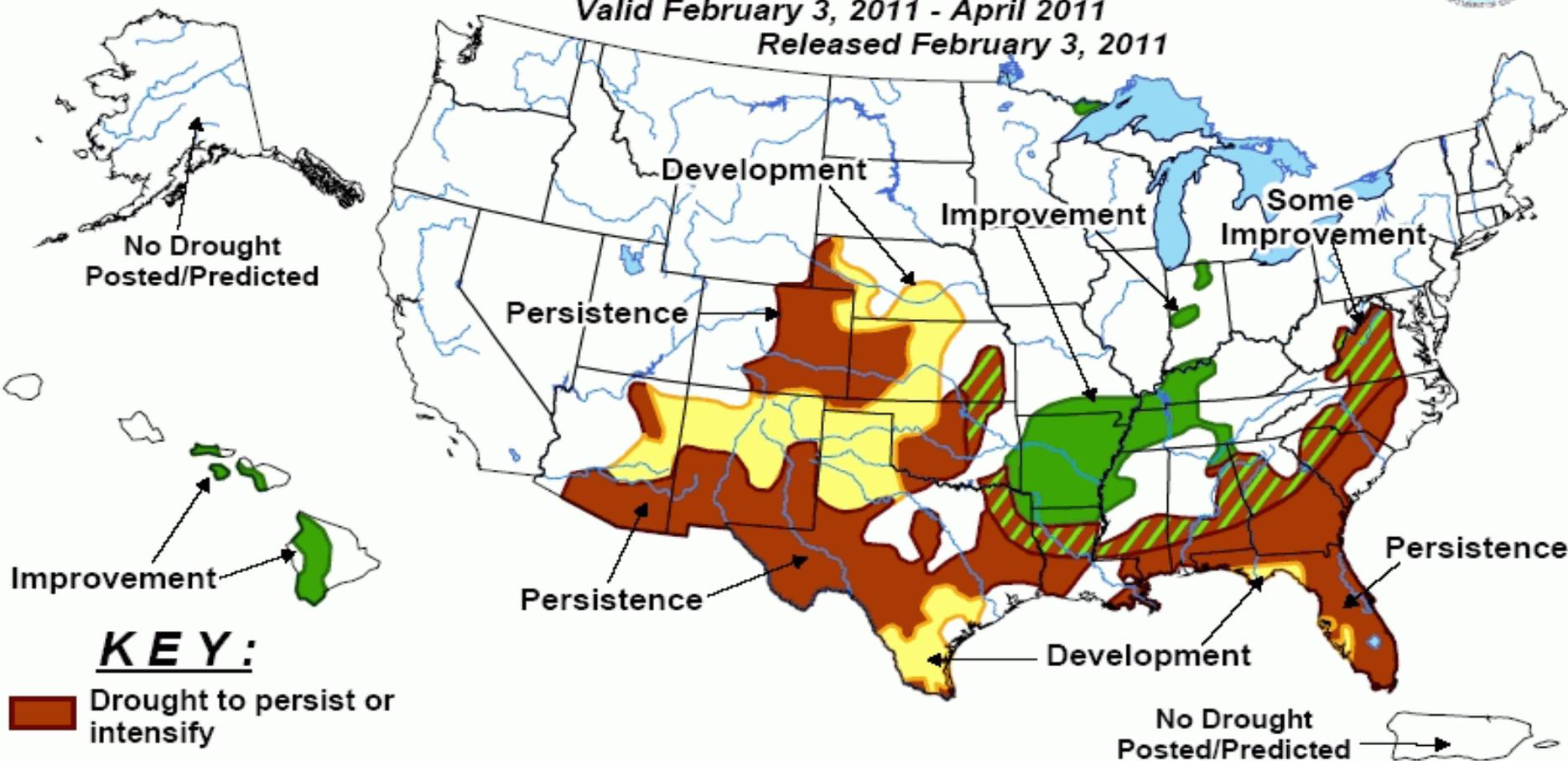


# U.S. Seasonal Drought Outlook

## Drought Tendency During the Valid Period

Valid February 3, 2011 - April 2011

Released February 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.