Climate Review for the month of June 2012

Presented by:
BelMel Publishing

Summary

June was a cooler and drier month, regardless of the second half of the month having above normal temperatures. The first half of June, we had a trough with a series of shortwaves with associated cold fronts affecting the area, with a brief moment of High Pressure. Bringing below normal temps for the first half of the month. All this changed by the second half with High Pressure dominating the region.

Overall, June was a cooler month than May with average temperatures of 1 to 3 degrees below normal. Maximum temperatures averaged in the lower 80s to upper 90s with a few locations inland with 100 degrees. There was a few days that Eastern NC had 70 degree max temperatures. Low temperature ranged in the mid 50s to lower 70s across our CWA.

Below normal precipitation occurred during the month of June. Majority of the CWA received only 1 to 3 inches of rain. Dry conditions are expected to improve with the next few months.

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	83.1	na	68.4	na
Cape Hatteras	81.7	81.5	69.3	68.1
New Bern	85.8	84.9	63.9	66.5
Greenville	86.6	85.7	62.2	65.5
Kinston AG	86.5	88.9	64.1	65.0
Williamston	84.1	84.9	62.6	64.3
Plymouth	85.3	87.0	62.6	65.0
Bayboro	84.8	86.1	61.7	65.6

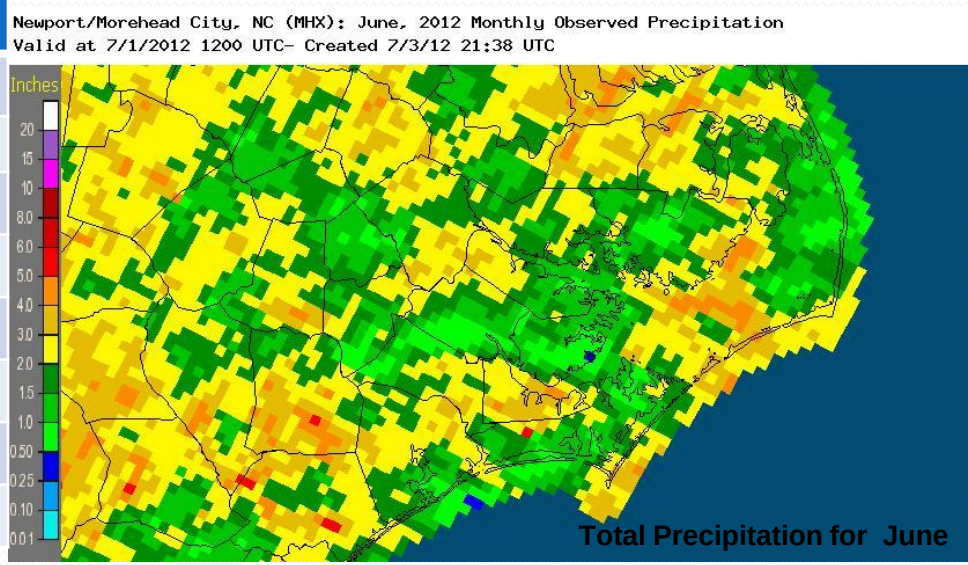
Average temperatures were 1 to 3 degrees below normal for the month of June.

Max and Min Temperature within our CWA

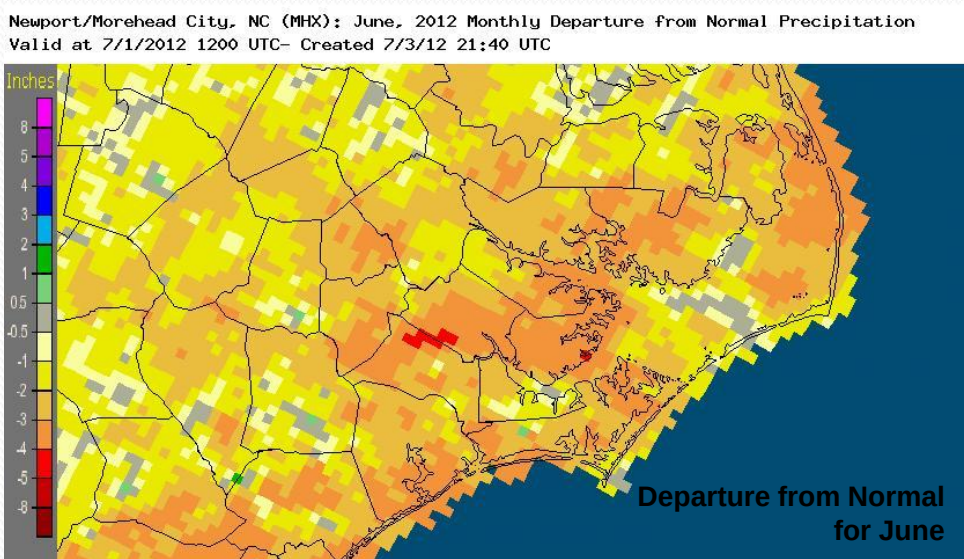
	MAX	MIN
Beaufort	94	57
Cape Hatteras	91	58
New Bern	99	54
Greenville	101	52
Kinston AG	101	53
Williamston	100	53
Plymouth	98	51
Bayboro	99	51

June's Rain versus Normal

	Precipitation (inches)	Normal	Differences
Beaufort	1.43	na	na
Cape Hatteras	2.75	3.82	**-1.07**
New Bern	2.5	4.8	**-2.30**
Greenville	2.18	4.38	**-2.20**
Kinston AG	2.81	4.48	**-1.67**
Williamston	1.61	4.46	**-2.85**
Plymouth	2.62	5.03	**-2.41**
Bayboro	0.95	4.76	**-3.81**

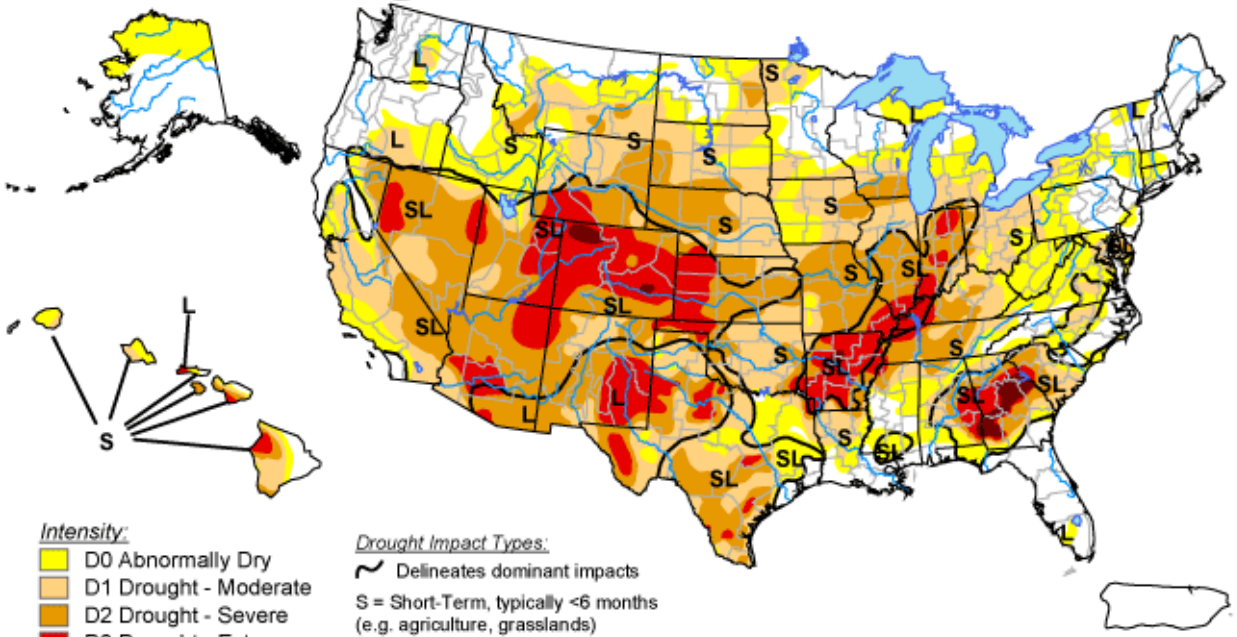


Below normal precipitation fell across the CWA. Most of our CWA drought conditions have improved due to last month's tropical systems.



U.S. Drought Monitor

July 10, 2012
Valid 7 a.m. EDT



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

Drought Impact Types:
- Delineates dominant impacts
- S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically >6 months (e.g. hydrology, ecology)

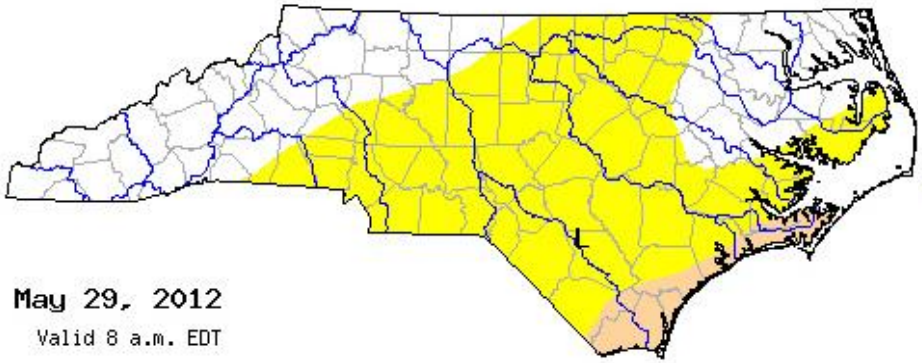
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

http://droughtmonitor.unl.edu/

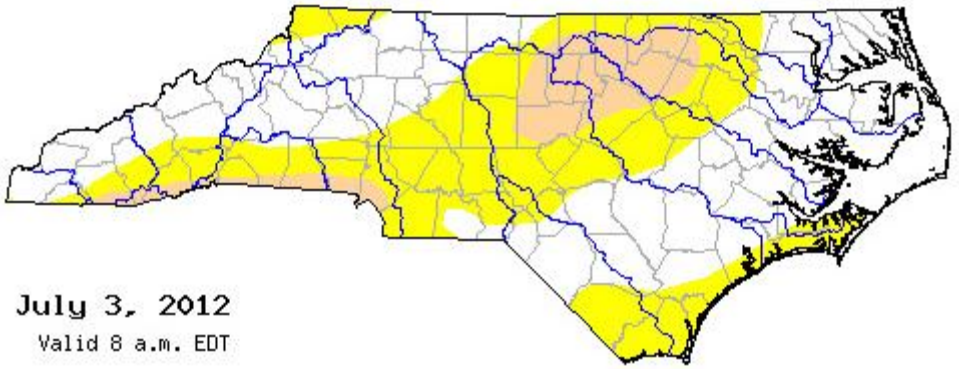
USDA | National Drought Mitigation Center

Released Thursday, July 12, 2012
Author: Rich Tinker, NOAA/NWS/NCEP/CPC

Before



Now

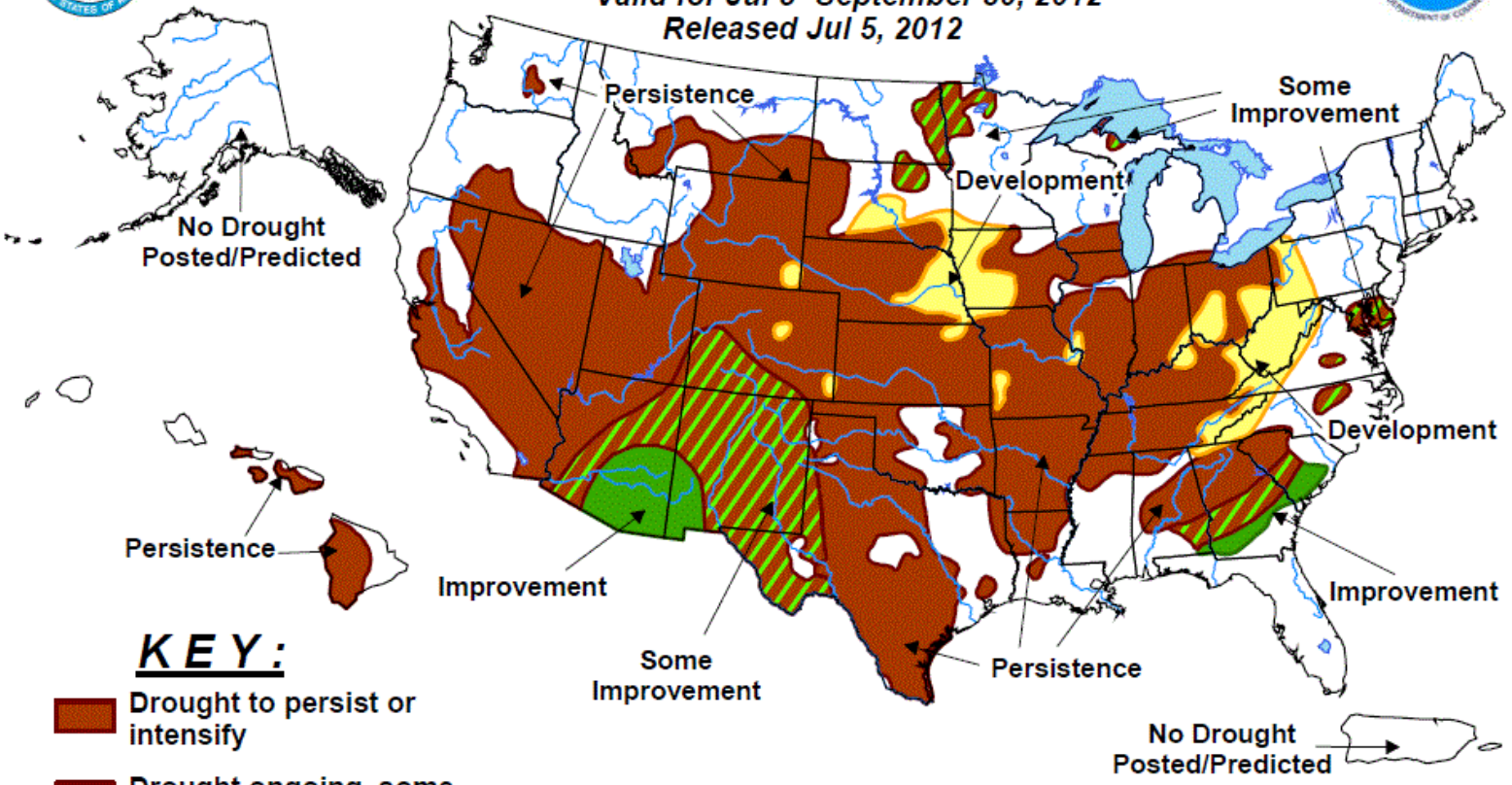


U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for Jul 5 -September 30, 2012

Released Jul 5, 2012



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.