

The background of the slide is a close-up photograph of water droplets on a glass surface. The droplets are of various sizes and are scattered across the frame, creating a complex, organic pattern. The colors range from deep blues and purples to lighter greens and yellows, depending on the lighting and the curvature of the droplets. The overall effect is a textured, shimmering background.

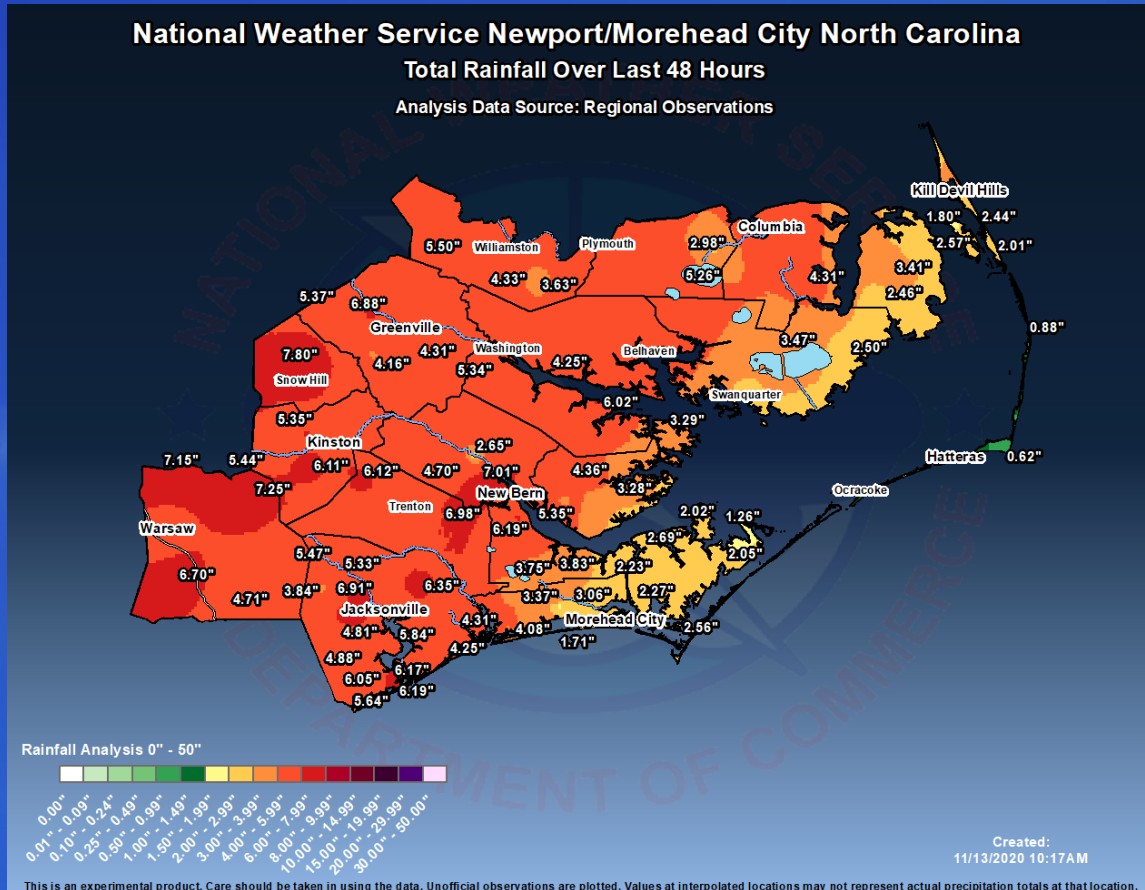
November 2020 Climate Review

Presented By:

National Weather Service

Newport/Morehead City, NC

November 2020 Highlights



Rainfall amounts from November 11-13 across eastern North Carolina. Isolated spots over the coastal plain received over 8".

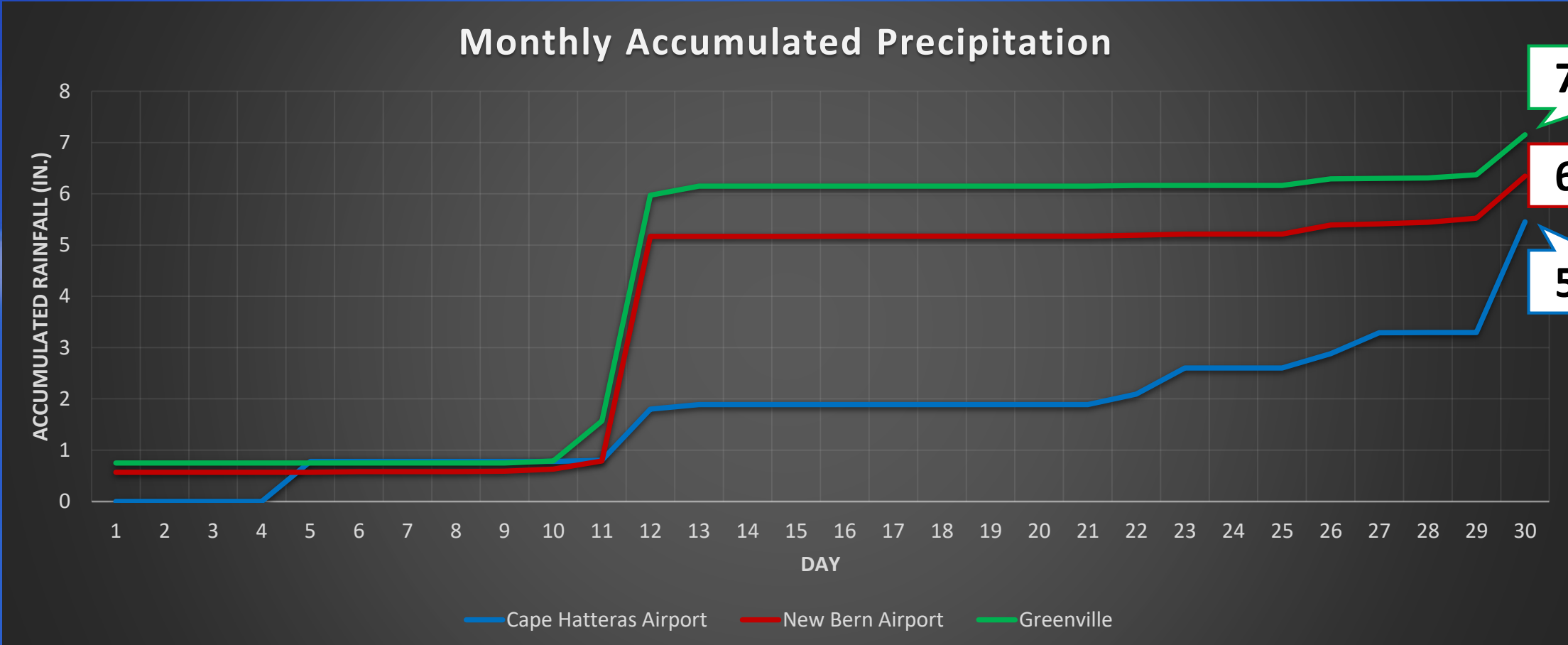
NC Gets A Soaking: Unusually deep moisture streaming across the Carolinas in the middle of the month produced prolific rainfall amounts across much of eastern NC, especially towards the coastal plain. Some locales reported 48 hour totals exceeding 8 inches.

Warmer Than Average: This month was one of the warmer Novembers on record. New Bern's average temperature settled in the Top 10 warmest Novembers; Hatteras in the Top 5.

Monthly Rankings

	Average Temp	Total Rainfall
Hatteras	3 rd Warmest	19 th Wettest
New Bern	8 th Warmest	32 nd Wettest

November 2020 Rainfall

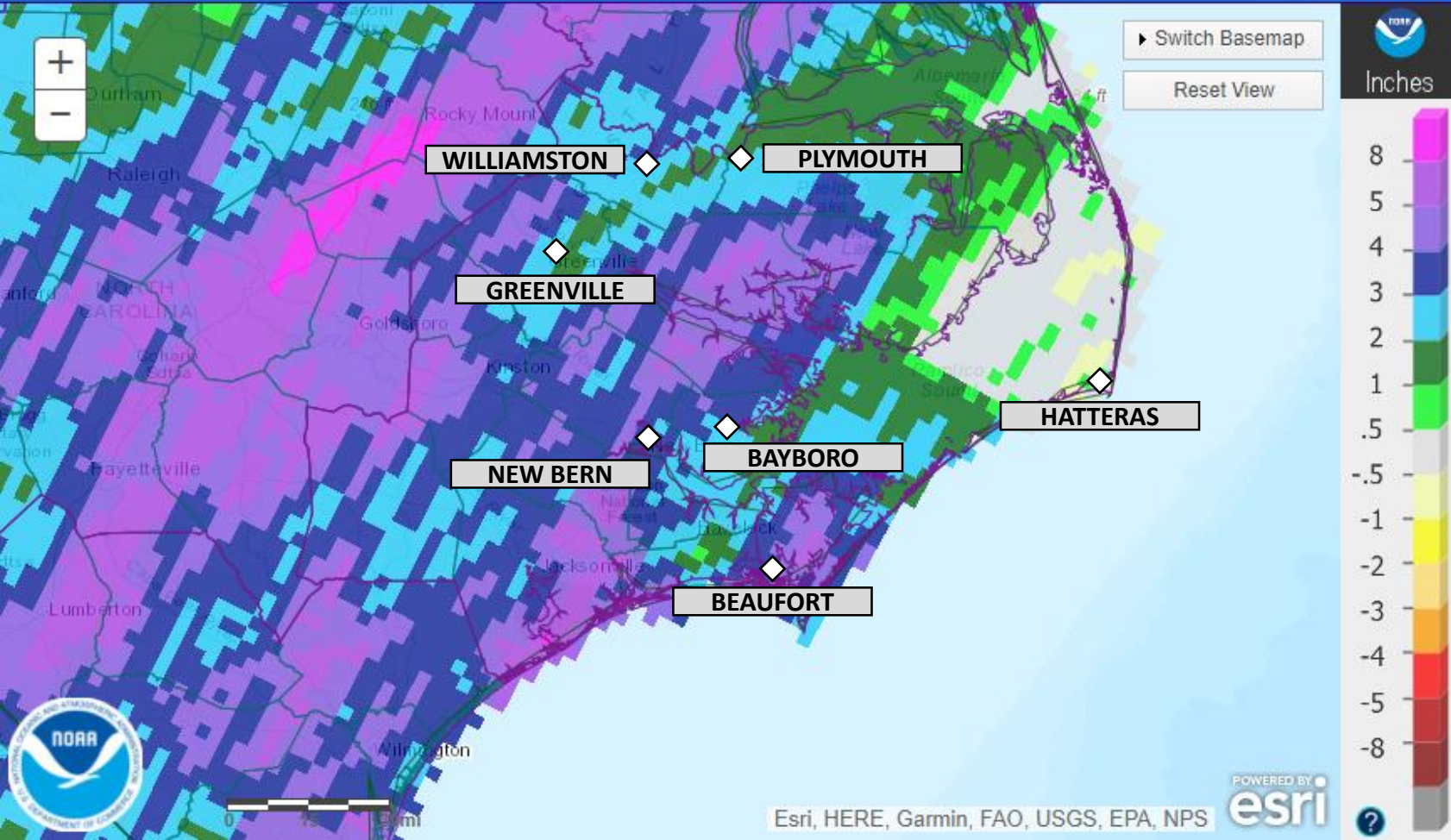


White diamonds denote missing 24-hour precipitation report. Asterisk denotes total with missing data.

November 2020 Rainfall vs. Climate Normal

	Observed (In.)	Normal	Difference
Beaufort	8.06	3.87	▲ 4.19
Hatteras	5.45	4.95	▲ 0.50
New Bern	6.34	3.40	▲ 2.94
Greenville	7.15	3.12	▲ 4.03
Williamston	9.39	3.08	▲ 6.31
Plymouth	6.47	3.53	▲ 2.94
Bayboro	7.47	3.78	▲ 3.69

Red sites have missing data



November 2020 Precipitation: Departure from Normal
 Analysis from the Advanced Hydrologic Prediction Service

Wettest and Driest Novembers

	Cape Hatteras	Year Observed	New Bern	Year Observed
Wettest	16.20"	1985	8.86"	2009
2 nd Wettest	14.63"	1962	8.59"	1937
3 rd Wettest	14.00"	2008	8.16"	2006
4 th Wettest	12.00"	1977	7.68"	1985
5 th Wettest	11.42"	1932	7.62"	1948

	Cape Hatteras	Year Observed	New Bern	Year Observed
5 th Driest	0.79"	1922	0.68"	2007
4 th Driest	0.67"	1956	0.48"	1933
3 rd Driest	0.53"	1913	0.42"	2017
2 nd Driest	0.38"	1910	0.28"	1973
Driest	0.25"	1919	0.19"	1941

Average Temperatures: November 2020

	Average High	Normal High	Difference	Average Low	Normal Low	Difference
Beaufort	70.3	65.8	▲ 4.5	52.1	47.8	▲ 4.3
Hatteras	70.0	64.0	▲ 6.0	55.6	51.2	▲ 4.4
New Bern	69.8	66.4	▲ 3.4	47.2	43.9	▲ 3.3
Greenville	70.3	65.0	▲ 5.3	46.3	41.5	▲ 4.8
Kinston	69.3	68.2	▲ 1.1	45.9	44.9	▲ 1.0
Williamston	68.2	64.5	▲ 3.7	47.6	41.0	▲ 6.6
Plymouth	69.5	65.2	▲ 4.3	46.7	43.0	▲ 3.7
Bayboro	69.3	66.7	▲ 2.6	46.3	42.7	▲ 3.6

Red sites have missing data

Warmest and Coolest Novembers By Avg. Temp

	Cape Hatteras	Year Observed	New Bern	Year Observed
Warmest	66.6°	1985	64.2°	1985
2 nd Warmest	63.5°	1948	59.9°	1978
3 rd Warmest	62.8°	2020, 1986	59.7°	1948
4 th Warmest	62.5°	1946	59.5°	1946
5 th Warmest	62.2°	2003	59.2°	2015

	Cape Hatteras	Year Observed	New Bern	Year Observed
5 th Coolest	51.4°	1917, 1967	48.1°	1976
4 th Coolest	51.3°	1910	48.4°	1967
3 rd Coolest	50.8°	1903	49.8°	2012
2 nd Coolest	49.9°	1976	50.7°	2000
Coolest	49.6°	1901	50.8°	1939

Temperature Extremes: November 2020

	Max High	Date Obs.	Min Low	Date Obs.
Beaufort	80	10 th , 11 th	36	19 th
Hatteras	81	10 th	43	4 th
New Bern	81	11 th	32	19 th
Greenville	81	11 th	30	19 th
Kinston	81	9 th	28	19 th
Williamston	80	12 th	33	19 th
Plymouth	81	11 th	29	19 th
Bayboro	80	12 th	33	19 th

Red sites have missing data

Drought Monitor: North Carolina



December 1, 2020
 (Released Thursday, Dec. 3, 2020)
 Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	100.00	0.00	0.00	0.00	0.00	0.00
Last Week <i>11-24-2020</i>	100.00	0.00	0.00	0.00	0.00	0.00
3 Months Ago <i>09-01-2020</i>	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year <i>12-31-2019</i>	93.61	6.39	0.00	0.00	0.00	0.00
Start of Water Year <i>09-29-2020</i>	100.00	0.00	0.00	0.00	0.00	0.00
One Year Ago <i>12-03-2019</i>	100.00	0.00	0.00	0.00	0.00	0.00

Intensity:

- None
- 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. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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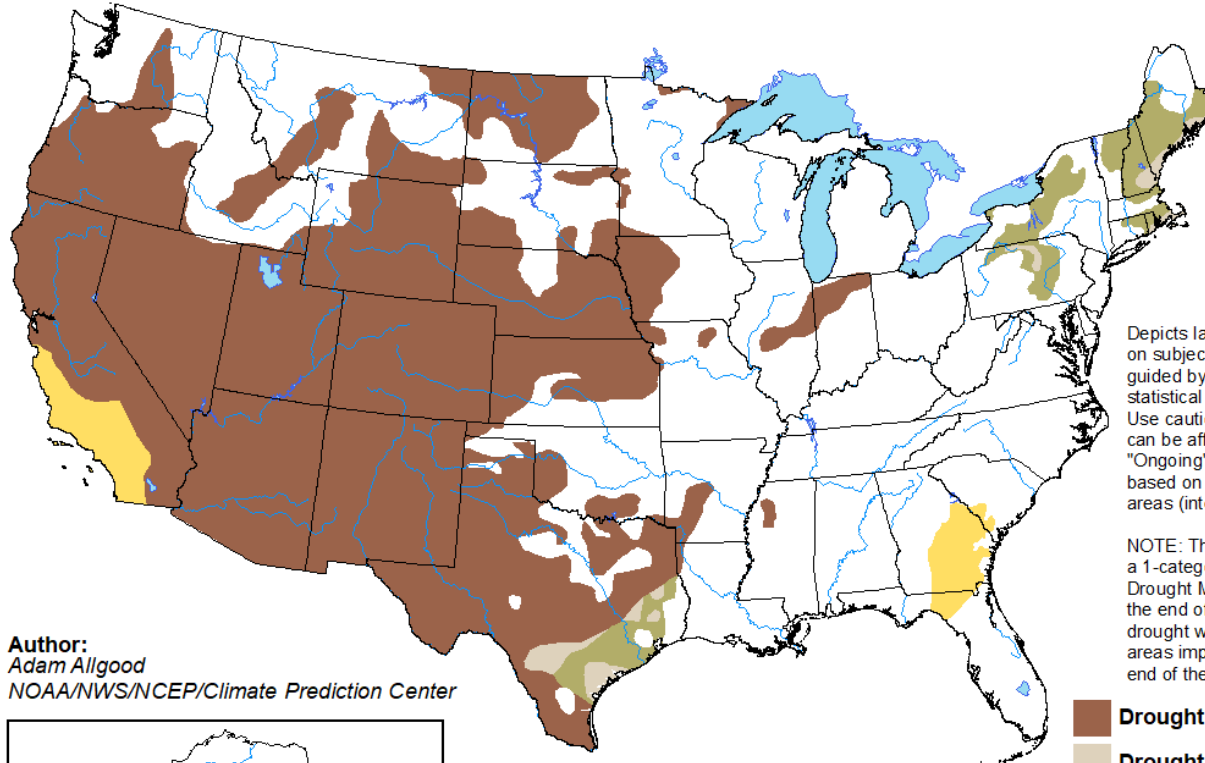


droughtmonitor.unl.edu

Monthly Drought Outlook

U.S. Monthly Drought Outlook Drought Tendency During the Valid Period

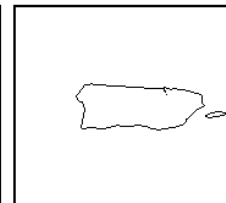
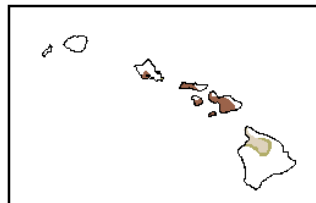
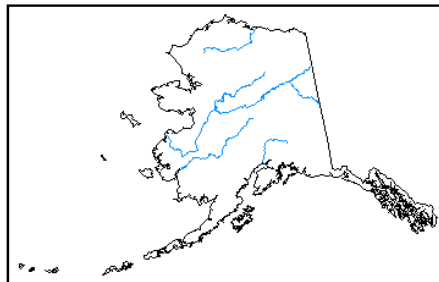
Valid for December 2020
Released November 30, 2020







Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

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-  Drought persists
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely



<http://go.usa.gov/3eZGd>