

Presented By:

National Weather Service

Newport/Morehead City, NC

A long wooden pier extends from a sandy beach into the ocean. The sun is setting in the distance, creating a warm orange and yellow glow on the horizon. The sky is a mix of blue and orange. A yellow banner is overlaid at the bottom of the image.

August 2019 Climate Review

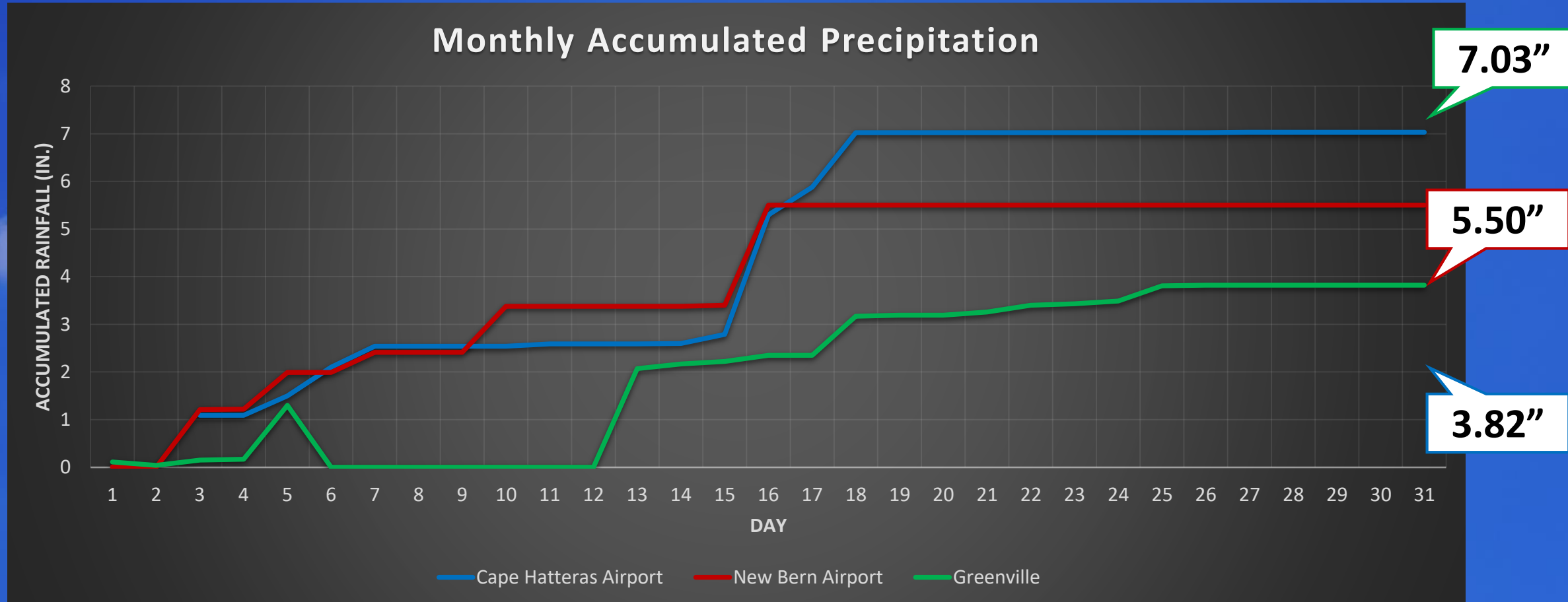
August 2019 Summary



Waterspout over Manns Harbor, August 5, 2019 (Photo Courtesy Carl Lewis)

With the exception of a small area from Greenville to New Bern, most all of eastern North Carolina experienced above to well above normal rainfall in August, 2019. There were several episodes of severe weather. Most notable was on August 5, when several waterspout were observed in the northern Outer Banks area. Later in the month, severe storms produced downed trees in Martin, Beaufort and Dare Counties.

August 2019 Rainfall

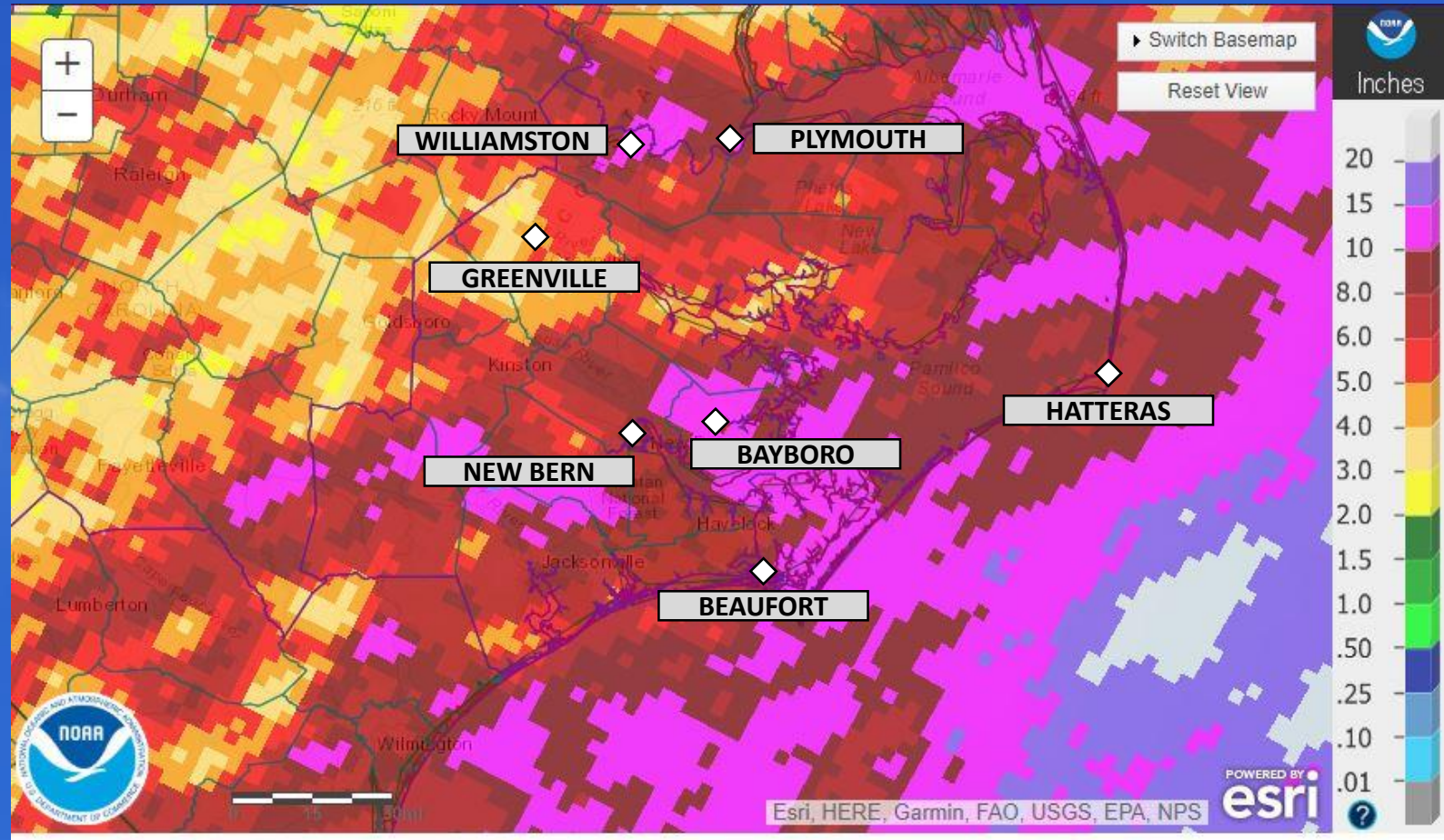


White diamonds denote missing 24-hour precipitation report. Asterisk denotes total with missing data.

August 2019 Rainfall vs. Climate Normal

	Observed (In.)	Normal	Difference
Beaufort	8.89	7.70	▲ 1.19
Hatteras	7.03	6.93	▲ 0.10
New Bern	5.50	6.65	▼ 1.15
Greenville	3.82	6.14	▼ 2.32
Williamston	11.71	5.54	▲ 6.17
Plymouth	7.98	6.28	▲ 1.70
Bayboro	11.58	7.25	▲ 4.33

Red sites have missing data



August 2019 Precipitation: Departure from Normal
 Analysis from the Advanced Hydrologic Prediction Service

Average Temperatures: August 2019

	Average High	Normal High	Difference	Average Low	Normal Low	Difference
Beaufort	86.9	84.8	▲ 2.1	74.8	72.8	▲ 2.0
Hatteras	87.4	84.1	▲ 3.3	75.2	72.9	▲ 3.3
New Bern	88.5	87.9	▲ 0.6	71.2	70.4	▲ 0.8
Greenville	88.5	88.3	▲ 0.2	70.6	69.2	▲ 1.4
Kinston	89.1	89.6	▼ 0.5	69.9	69.3	▲ 0.6
Williamston	86.5	87.3	▼ 0.8	71.0	67.5	▲ 3.5
Plymouth	87.9	87.8	▲ 0.1	69.6	68.6	▲ 1.0
Bayboro	87.4	88.0	▲ 0.6	69.7	70.0	▼ 0.3

Red sites have missing data

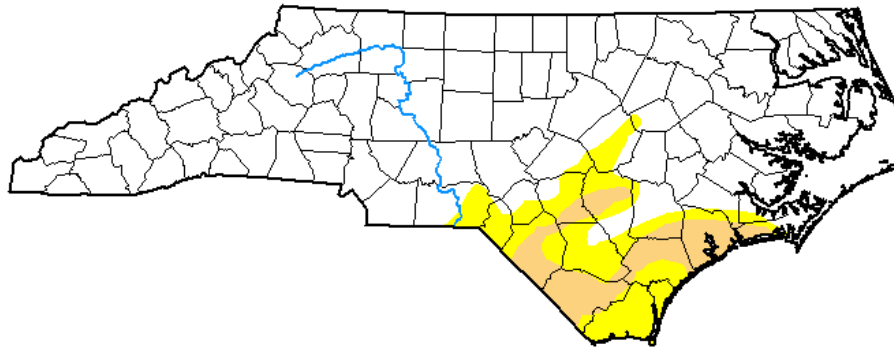
Temperature Extremes: August 2019

	Max High	Date Obs.	Min Low	Date Obs.
Beaufort	93	9 th	68	30 th
Hatteras	92	13 th	65	30 st and 31 th
New Bern	94	9 th , 14 th and 22 nd	64	31 st
Greenville	94	13 th , 14 th , 19 th , 22 nd	62	30 th
Kinston	95	10 th , 15 th	62	30 th , 31 st
Williamston	92	21 st , 23 rd	63	30 st , 31 th
Plymouth	93	23 rd	61	31 st
Bayboro	93	10 th , 15 th , 23 rd	61	31 st







Drought Monitor: North Carolina

U.S. Drought Monitor North Carolina

August 27, 2019
(Released Thursday, Aug. 29, 2019)
Valid 8 a.m. EDT



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. See accompanying text summary for forecast statements.

Author:

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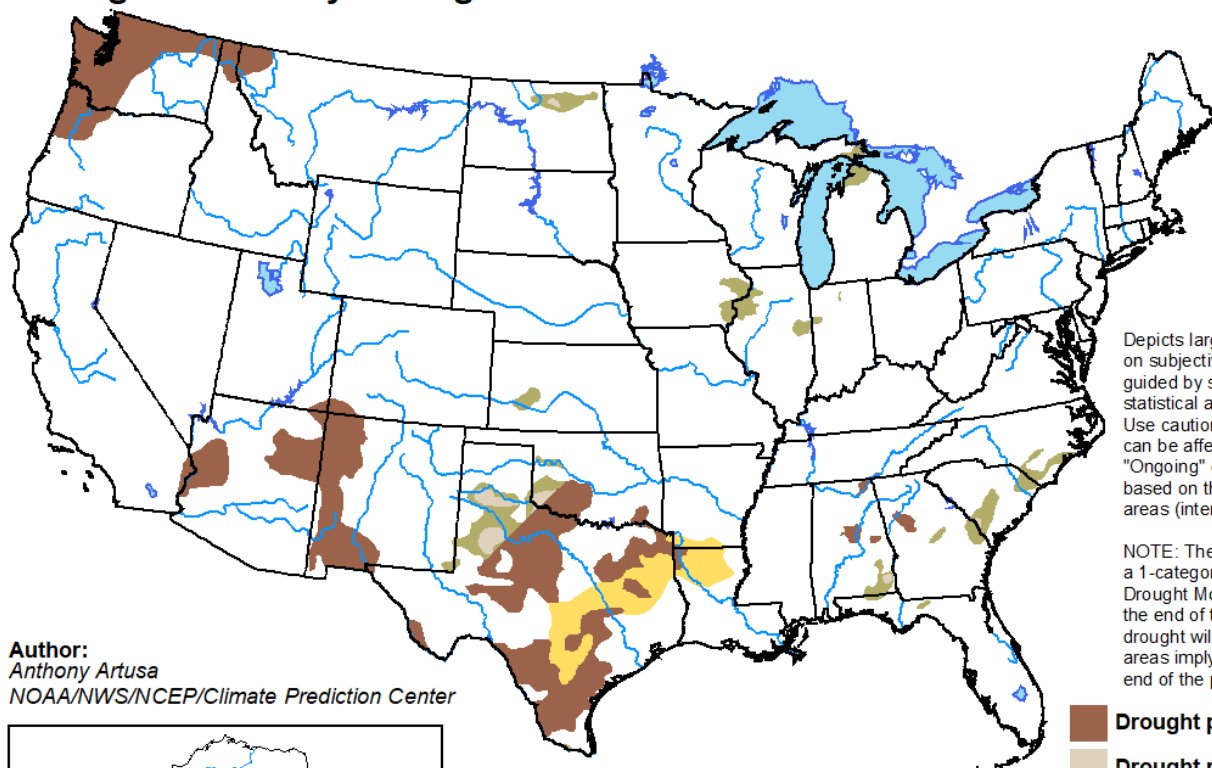
droughtmonitor.unl.edu

Moderate Drought Continues over the southern North Carolina Coast heading into September.

Monthly Drought Outlook

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

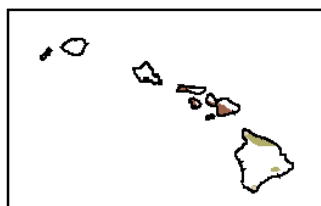
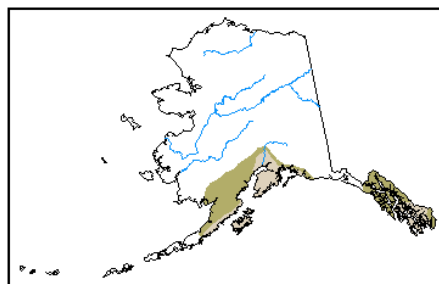
Valid for September 2019
Released August 31, 2019







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>