

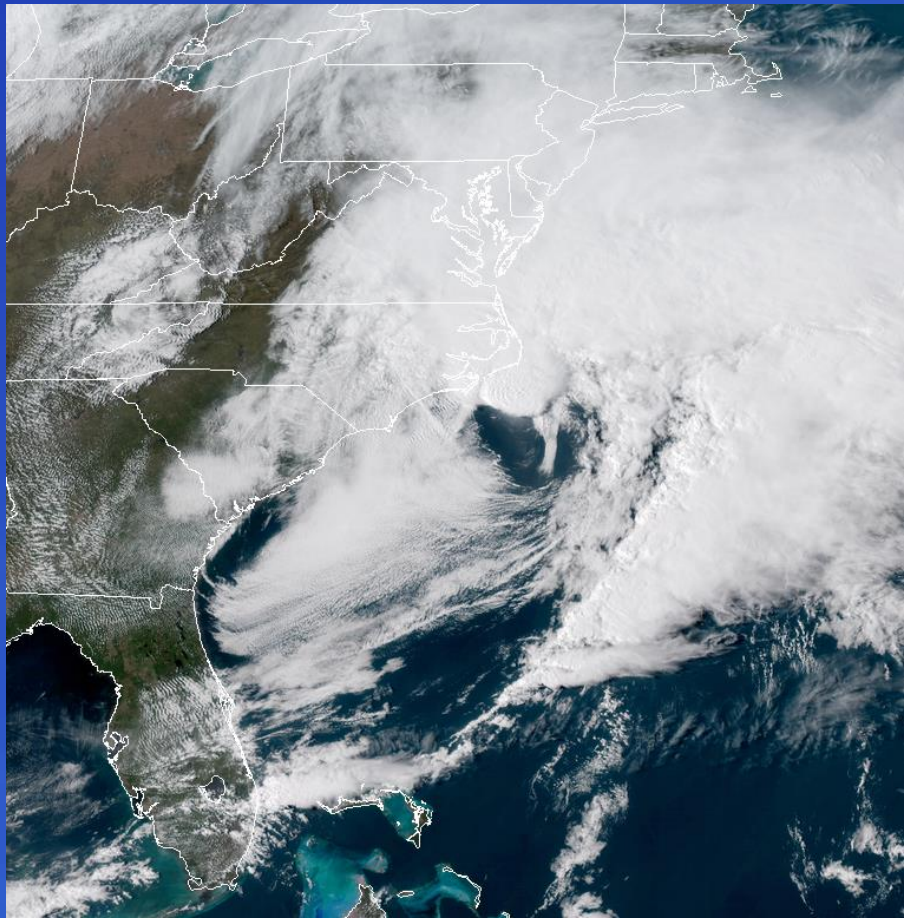


# April 2019 Climate Review

Presented By:

National Weather Service  
Newport/Morehead City, NC

# April 2019 Summary



GOES-16 Visible Imagery of a bombing cyclone off the coast of North Carolina on April 2, 2019

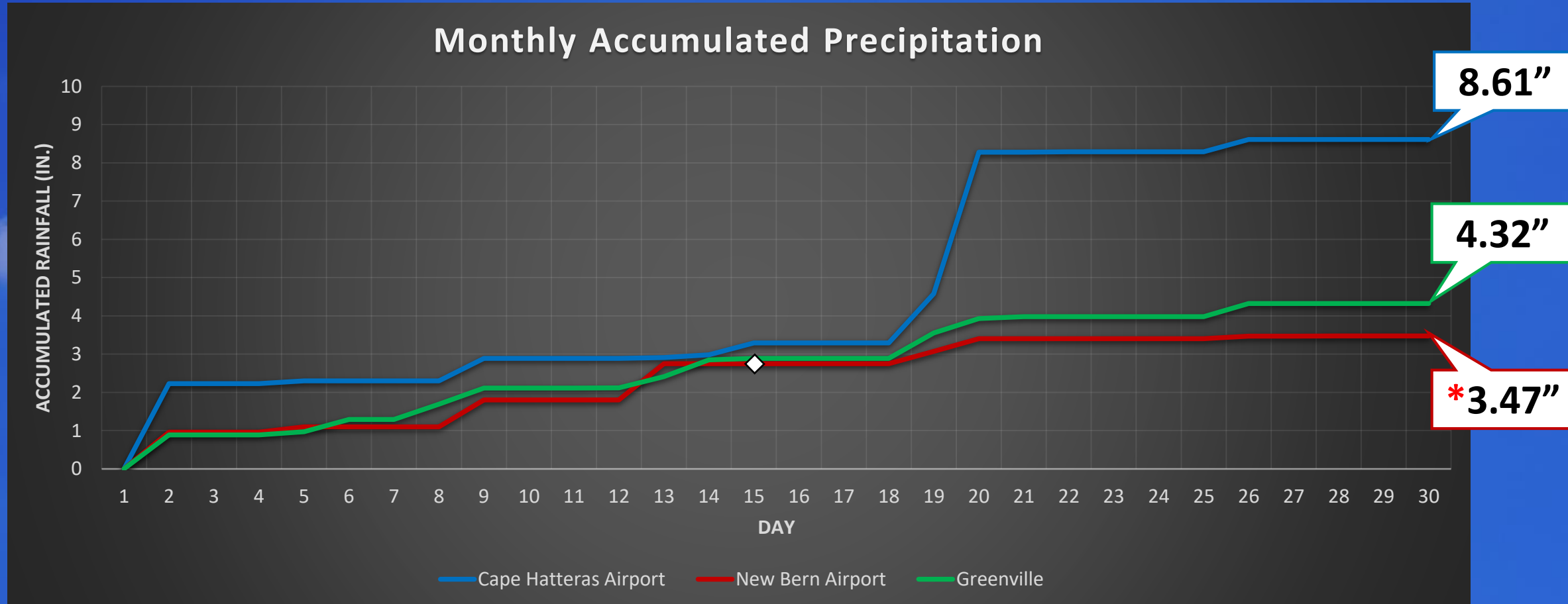


Gustnado near Swanquarter, April 26, 2019

April 2019 started off on an active note with a rapidly deepening offshore low bringing heavy rain and windy conditions to Eastern North Carolina. This event, along with another round of strong thunderstorms and heavy rain, made this month wetter than average for most locations. Late-month warmth pushed temperature averages above normal for the region.

The most noteworthy storm of the month was a Gustnado that touched down in Hyde County producing minor damage on April 26.

# April 2019 Rainfall

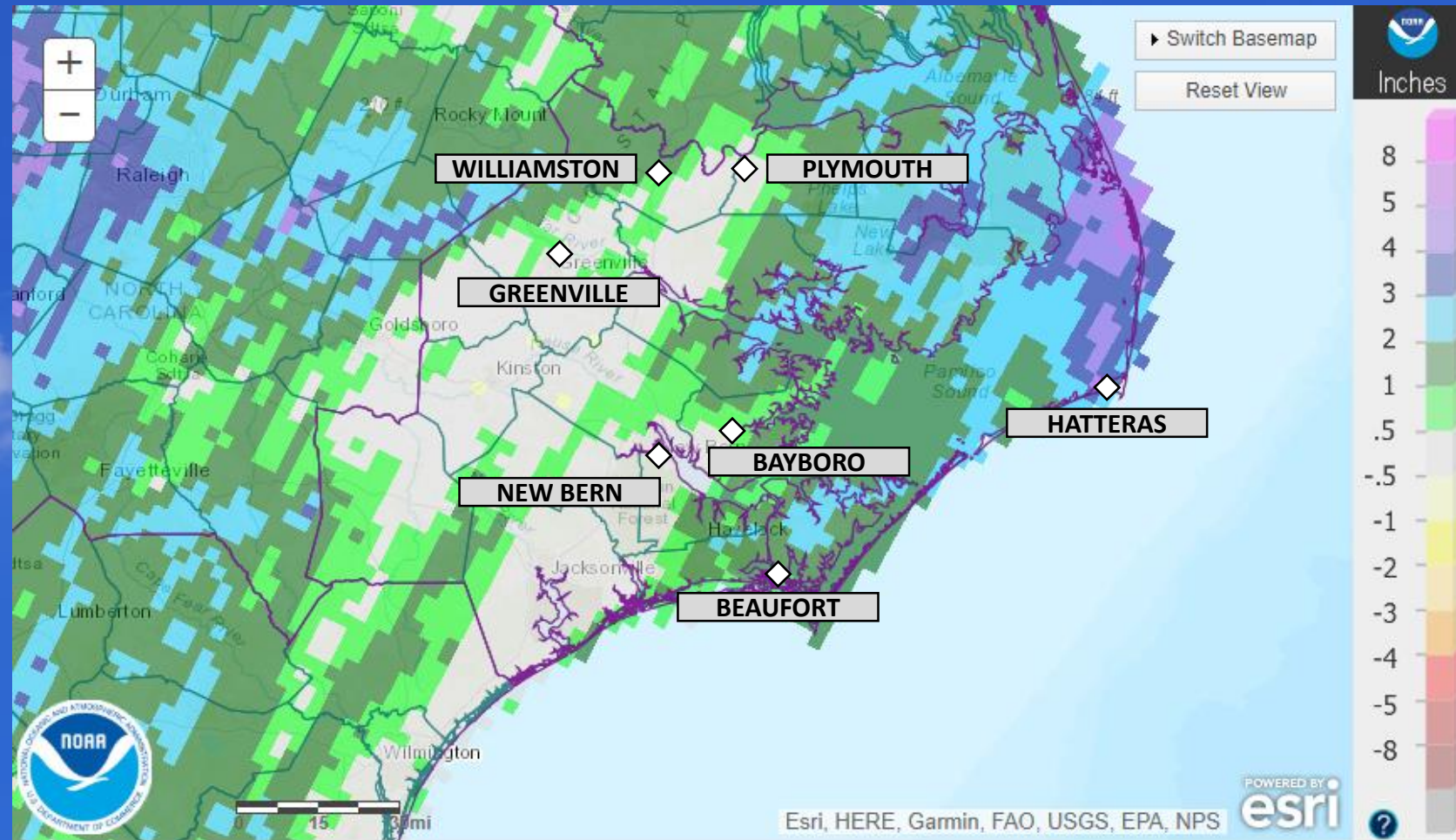


White diamonds denote missing 24-hour precipitation report. Asterisk denotes total with missing data.

# April 2019 Rainfall vs. Climate Normal

	Observed (In.)	Normal	Difference
Beaufort	3.88	3.55	▲ 0.33
Hatteras	8.61	3.64	▲ 4.97
<b>New Bern</b>	3.47	3.17	▲ 0.30
Greenville	4.32	3.17	▲ 1.15
Williamston	6.26	3.17	▲ 3.09
<b>Plymouth</b>	4.15	3.33	▲ 0.82
Bayboro	3.52	3.61	▼ 0.09

Red sites have missing data



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

# Average Temperatures: April 2019

	Average High	Normal High	Difference	Average Low	Normal Low	Difference
Beaufort	72.8	69.0	▲ 3.8	57.8	53.1	▲ 4.7
Hatteras	72.5	66.3	▲ 6.2	59.4	52.6	▲ 6.8
New Bern	75.4	73.5	▲ 1.9	53.5	50.1	▲ 3.4
Greenville	75.2	73.2	▲ 2.0	53.8	49.1	▲ 4.7
Kinston	74.8	75.6	▼ 0.8	52.9	50.3	▲ 2.6
Williamston	74.5	71.4	▲ 3.1	52.9	47.3	▲ 5.6
Plymouth	75.3	73.7	▲ 1.6	52.9	48.5	▲ 4.4
Bayboro	73.9	72.6	▲ 1.3	52.1	48.4	▲ 3.7

# Temperature Extremes: April 2019

	Max High	Date Obs.	Min Low	Date Obs.
<b>Beaufort</b>	79	9 <sup>th</sup> , 19 <sup>th</sup>	39	3 <sup>rd</sup>
<b>Hatteras</b>	79	12 <sup>th</sup> , 19 <sup>th</sup> , 30 <sup>th</sup>	42	1 <sup>st</sup>
<b>New Bern</b>	90	25 <sup>th</sup>	36	3 <sup>rd</sup>
<b>Greenville</b>	87	30 <sup>th</sup>	34	3 <sup>rd</sup>
<b>Kinston</b>	87	25 <sup>th</sup> , 26 <sup>th</sup>	33	3 <sup>rd</sup>
<b>Williamston</b>	87	26 <sup>th</sup>	36	1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup>
<b>Plymouth</b>	87	25 <sup>th</sup>	35	1 <sup>st</sup> , 2 <sup>nd</sup>
<b>Bayboro</b>	86	25 <sup>th</sup> , 26 <sup>th</sup>	38	3 <sup>rd</sup> , 4 <sup>th</sup>

# Drought Monitor: North Carolina



**April 30, 2019**

*(Released Thursday, May 2, 2019)*

Valid 8 a.m. EDT

*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	100.00	0.00	0.00	0.00	0.00	0.00
<b>Last Week</b> <i>04-23-2019</i>	100.00	0.00	0.00	0.00	0.00	0.00
<b>3 Months Ago</b> <i>01-29-2019</i>	100.00	0.00	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> <i>01-01-2019</i>	100.00	0.00	0.00	0.00	0.00	0.00
<b>Start of Water Year</b> <i>09-25-2018</i>	100.00	0.00	0.00	0.00	0.00	0.00
<b>One Year Ago</b> <i>05-01-2018</i>	88.51	11.49	0.94	0.00	0.00	0.00

Intensity:

- 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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U.S. Department of Agriculture

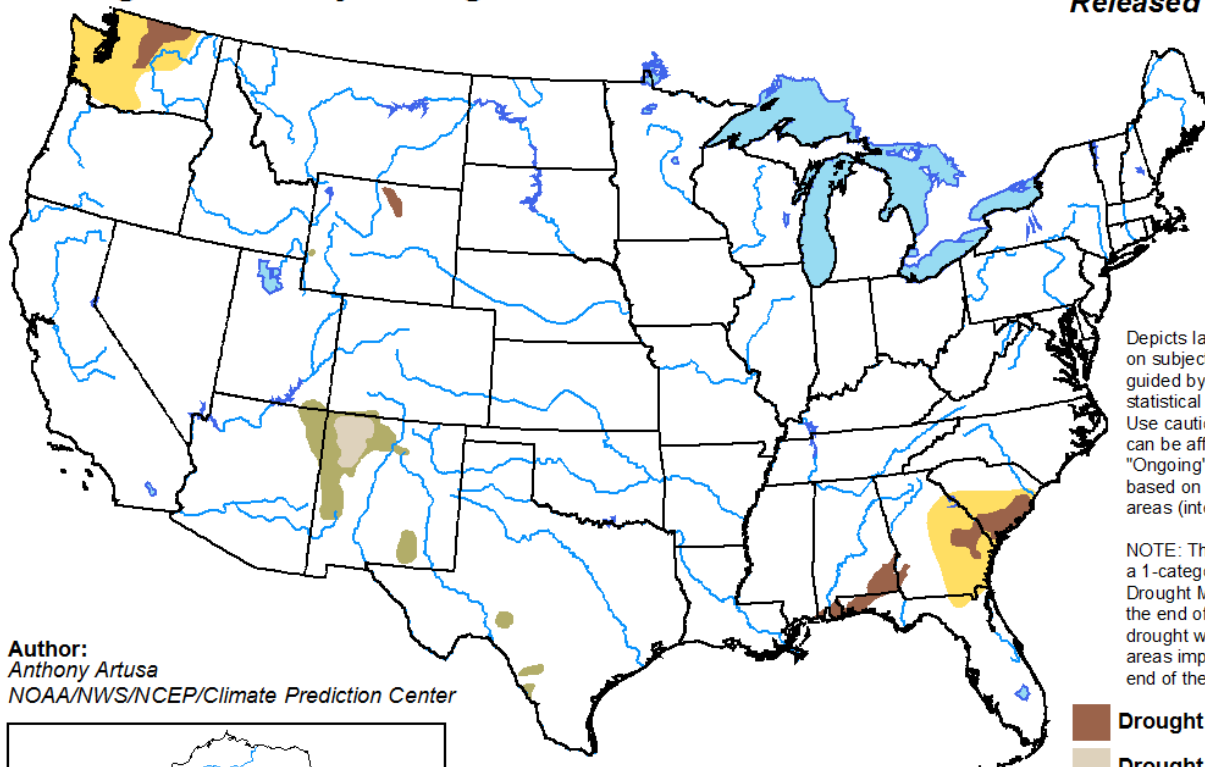


<http://droughtmonitor.unl.edu/>

# Monthly Drought Outlook

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

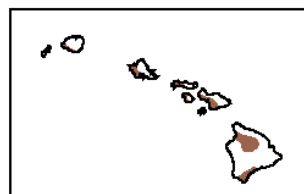
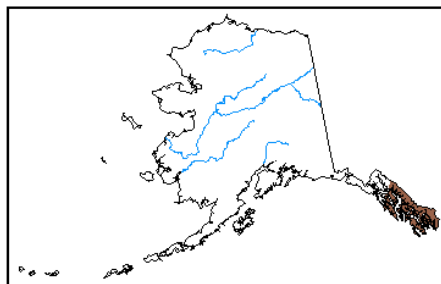
Valid for May 2019  
Released April 30, 2019







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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NOAA/NWS/NCEP/Climate Prediction Center



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



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