

# June 2019 Climate Review

Presented By:

National Weather Service  
Newport/Morehead City, NC



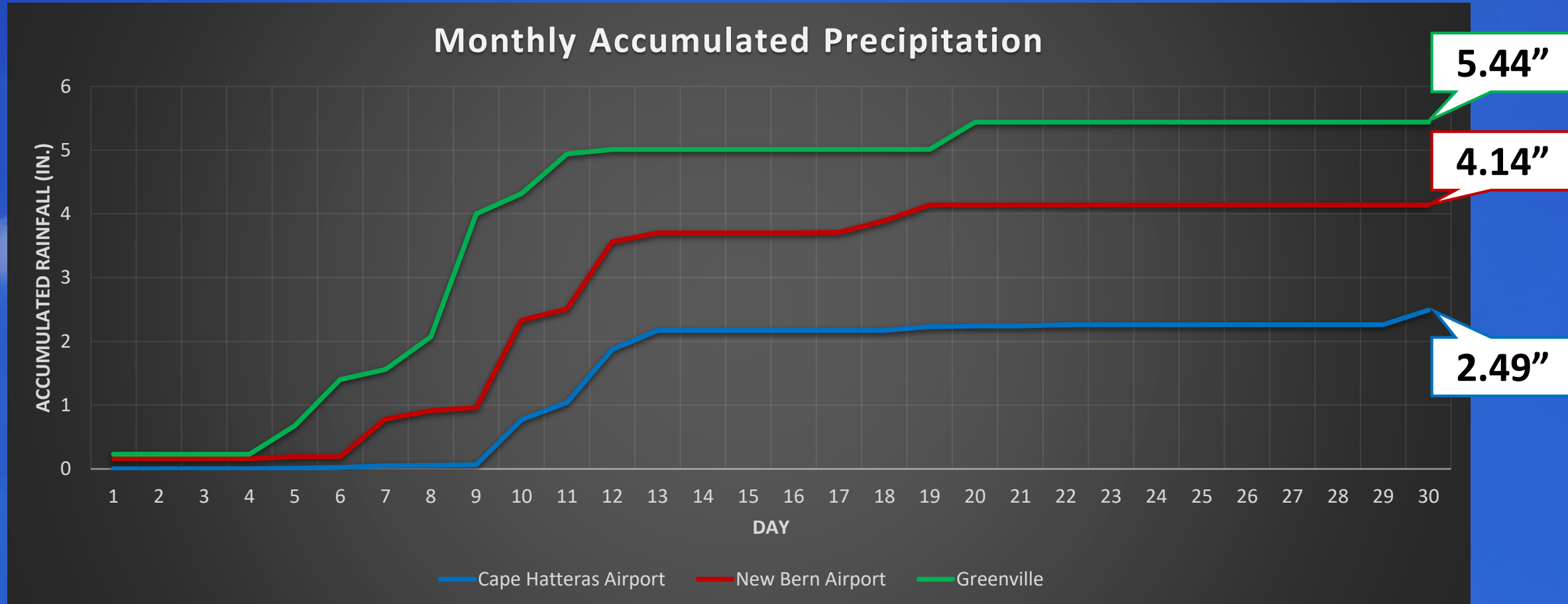
# June 2019 Summary



Screenshot from a time lapse of cumulonimbus developing along the sea breeze in Newport, NC on June 18<sup>th</sup>.

June 2019 in eastern North Carolina was a month of “swings”: a wet and relatively cool start gave way to a blistering hot and dry end, with drought conditions persisting along the southern coast. Portions of the coastal plain did manage to pull out of drought thanks to the early-month rainfall. Some spots saw as much as 1 to 2 inches above average rainfall.

# June 2019 Rainfall



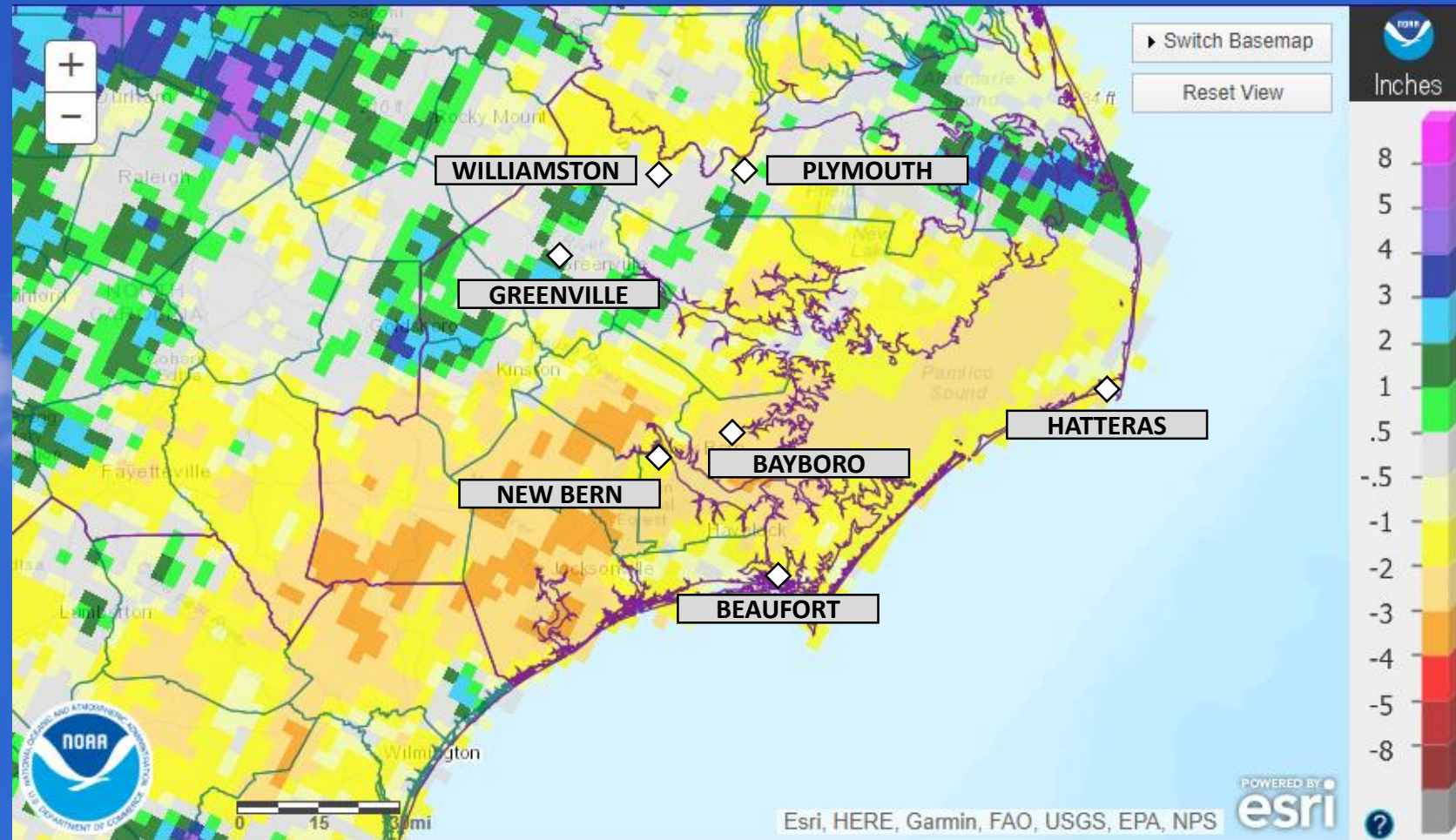
*White diamonds denote missing 24-hour precipitation report. Asterisk denotes total with missing data.*



# June 2019 Rainfall vs. Climate Normal

	Observed (In.)	Normal	Difference
<b>Beaufort</b>	1.84	4.64	▼ 2.80
Hatteras	2.49	4.03	▼ 1.54
New Bern	4.14	4.59	▼ 0.45
Greenville	5.44	4.31	▲ 1.13
Williamston	5.00	4.71	▲ 0.29
Plymouth	7.55	5.19	▲ 2.36
Bayboro	4.72	5.18	▼ 0.46

Red sites have missing data



# Average Temperatures: June 2019

	Average High	Normal High	Difference	Average Low	Normal Low	Difference
<b>Beaufort</b>	85.0	81.5	▲ 3.5	71.4	70.0	▲ 1.4
<b>Hatteras</b>	84.5	81.0	▲ 3.5	70.9	69.3	▲ 1.6
<b>New Bern</b>	87.0	86.8	▲ 0.2	67.3	67.5	▼ 0.2
<b>Greenville</b>	87.2	87.2	0.0	66.9	66.7	▲ 0.2
<b>Kinston</b>	87.8	88.7	▼ 0.9	67.9	67.3	▲ 0.6
<b>Williamston</b>	86.0	85.8	▲ 0.2	67.5	65.0	▲ 2.5
<b>Plymouth</b>	86.2	87.1	▼ 0.9	66.3	66.2	▲ 0.1
<b>Bayboro</b>	85.1	86.2	▼ 1.1	64.8	67.5	▼ 2.7

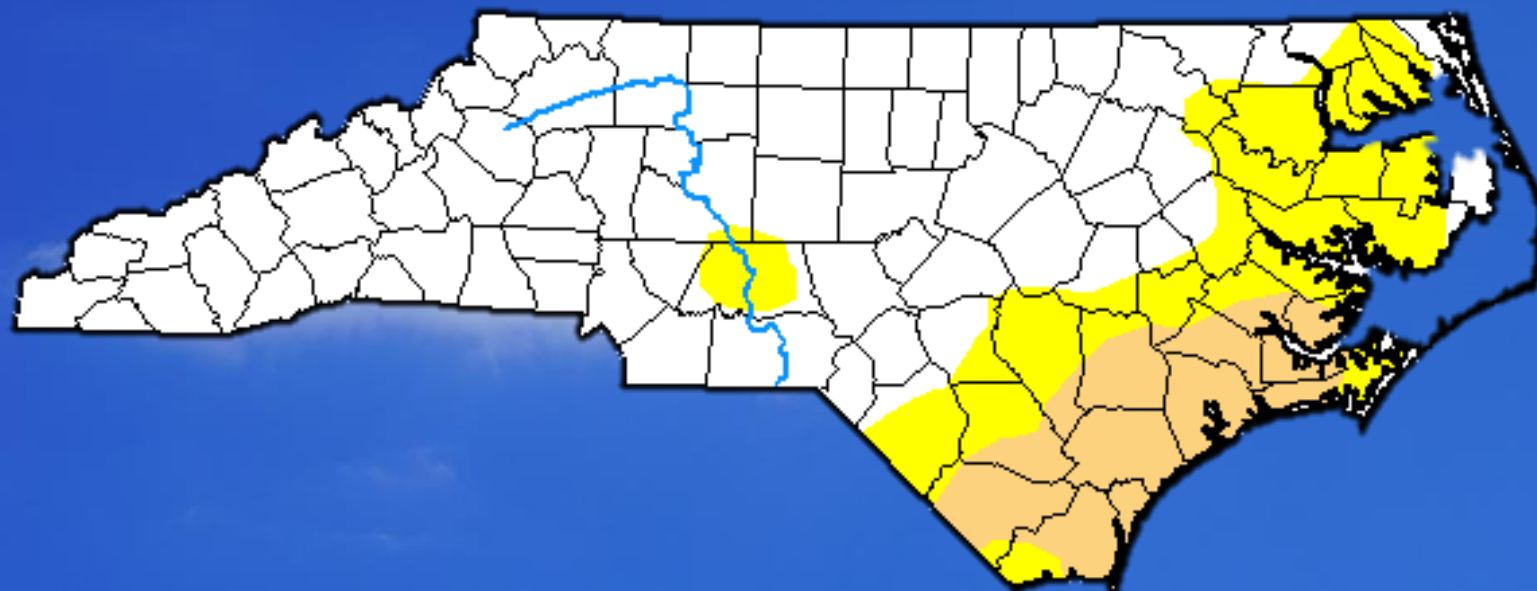
Red sites have missing data

# Temperature Extremes: June 2019

	Max High	Date Obs.	Min Low	Date Obs.
<b>Beaufort</b>	94	25 <sup>th</sup>	57	15 <sup>th</sup>
<b>Hatteras</b>	94	27 <sup>th</sup>	57	15 <sup>th</sup>
<b>New Bern</b>	98	30 <sup>th</sup>	52	15 <sup>th</sup>
<b>Greenville</b>	97	30 <sup>th</sup>	54	15 <sup>th</sup> , 16 <sup>th</sup>
<b>Kinston</b>	96	30 <sup>th</sup>	52	15 <sup>th</sup>
<b>Williamston</b>	97	30 <sup>th</sup> , 31 <sup>st</sup>	50	15 <sup>th</sup>
<b>Plymouth</b>	95	30 <sup>th</sup>	53	16 <sup>th</sup>
<b>Bayboro</b>	92	1 <sup>st</sup> , 21 <sup>st</sup>	50	15 <sup>th</sup>

Red sites have missing data

# Drought Monitor: North Carolina



**July 2, 2019**

*(Released Wednesday, Jul. 3, 2019)*

Valid 8 a.m. EDT

*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	68.19	31.81	11.87	0.00	0.00	0.00
<b>Last Week</b> <i>06-25-2019</i>	69.61	30.39	10.49	0.00	0.00	0.00
<b>3 Months Ago</b> <i>04-02-2019</i>	94.87	5.13	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>07-03-2018</i>	93.42	6.58	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. See accompanying text summary for forecast statements.*

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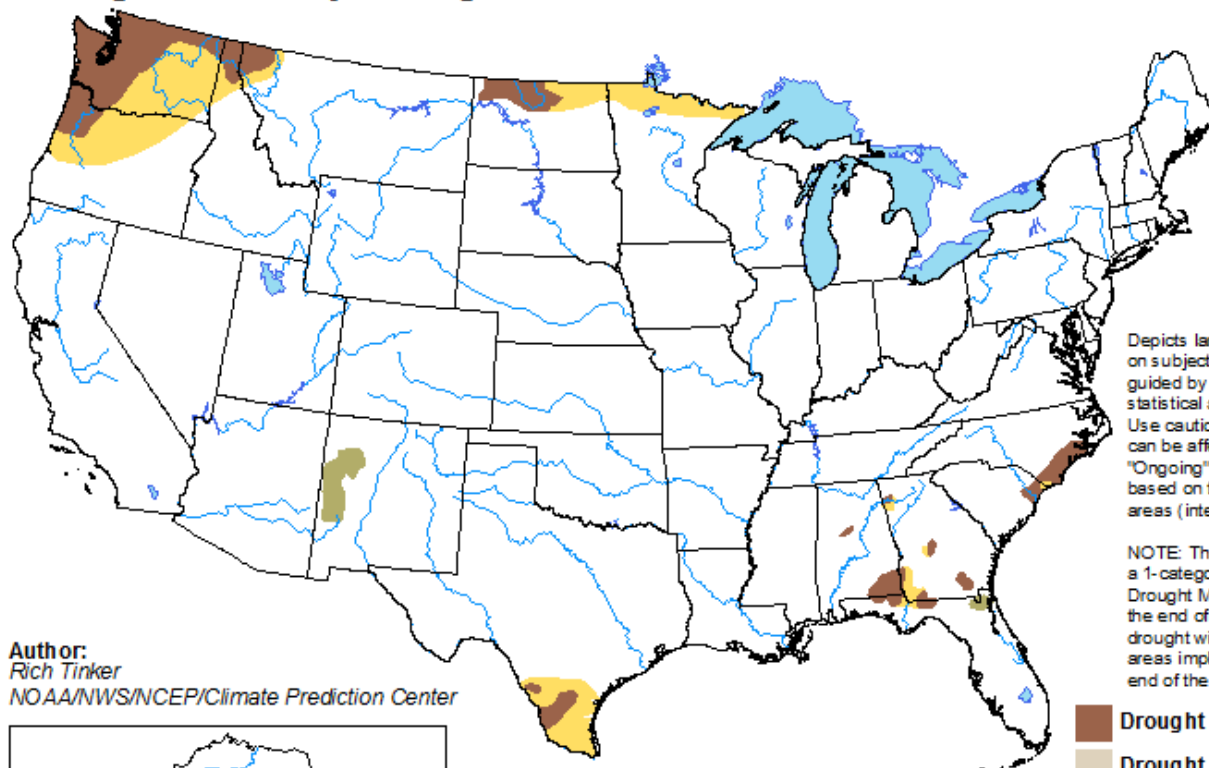


[droughtmonitor.unl.edu](http://droughtmonitor.unl.edu)

# Monthly Drought Outlook

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

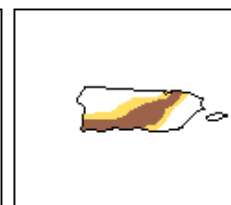
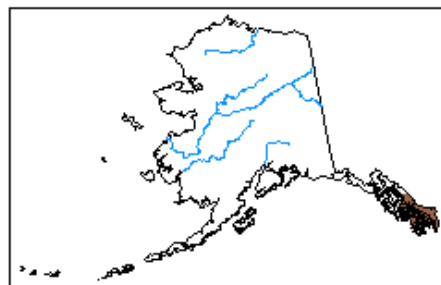
Valid for July 2019  
Released June 30, 2019







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



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