

# November 2019 Climate Review

Presented By:

National Weather Service  
Newport/Morehead City, NC



# November 2019 Highlights



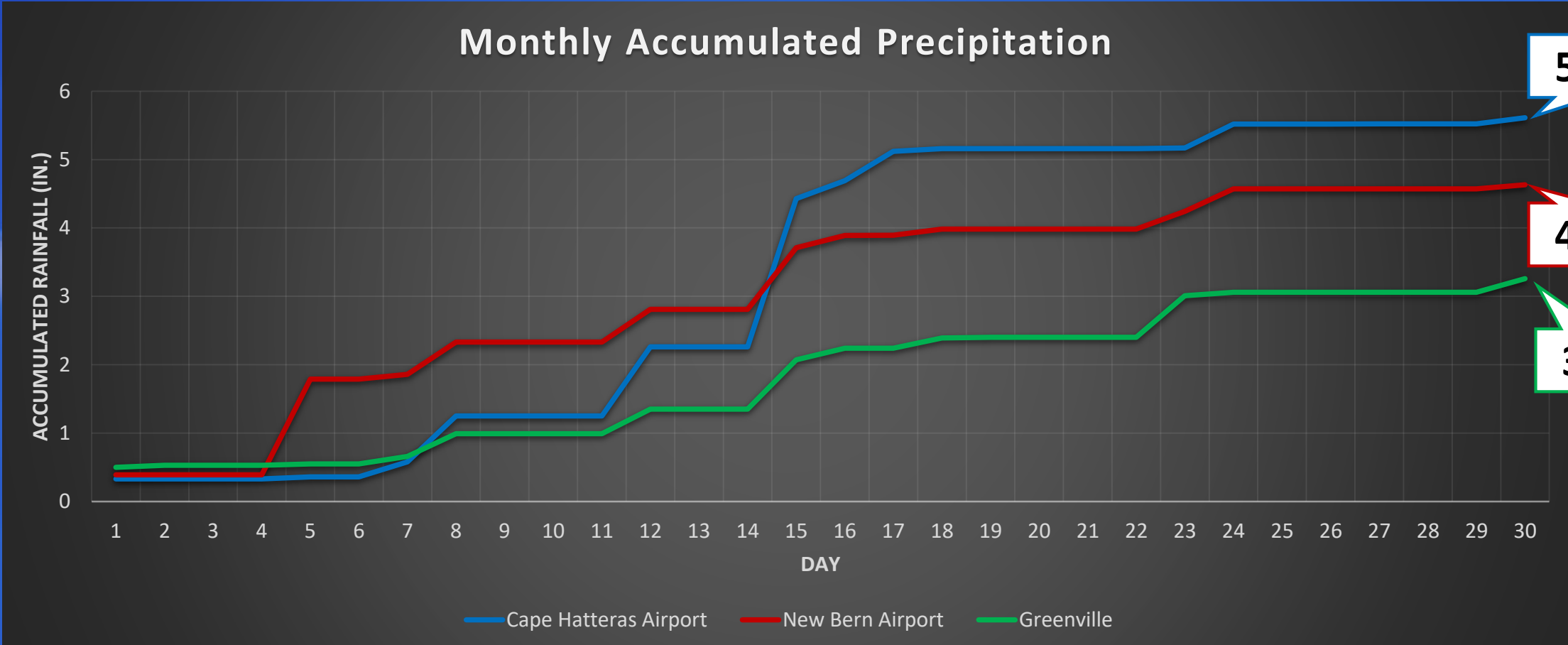
A coastal storm strengthens off the Carolina coast overnight on November 16<sup>th</sup>, 2019. The storm brought high seas, dangerous winds, and coastal flooding to much of the region.

**Strong Fronts:** November saw multiple strong cold frontal passages bringing high winds and dangerous marine conditions. A cold front early on the morning of Nov. 1 spawned a few rotating storms near the Crystal Coast.

**Coastal Storm:** A powerful coastal storm developed off the coast of North Carolina mid-month bringing heavy rain and coastal flooding both sound- and ocean-side. Winds gusted up to 60 mph along the coasts.

**Cooler Overall:** November overall was cooler than average for eastern North Carolina with temperatures as much as 5 degrees below average across the region. The growing season quickly came to an end for many at the beginning of the month.

# November 2019 Rainfall

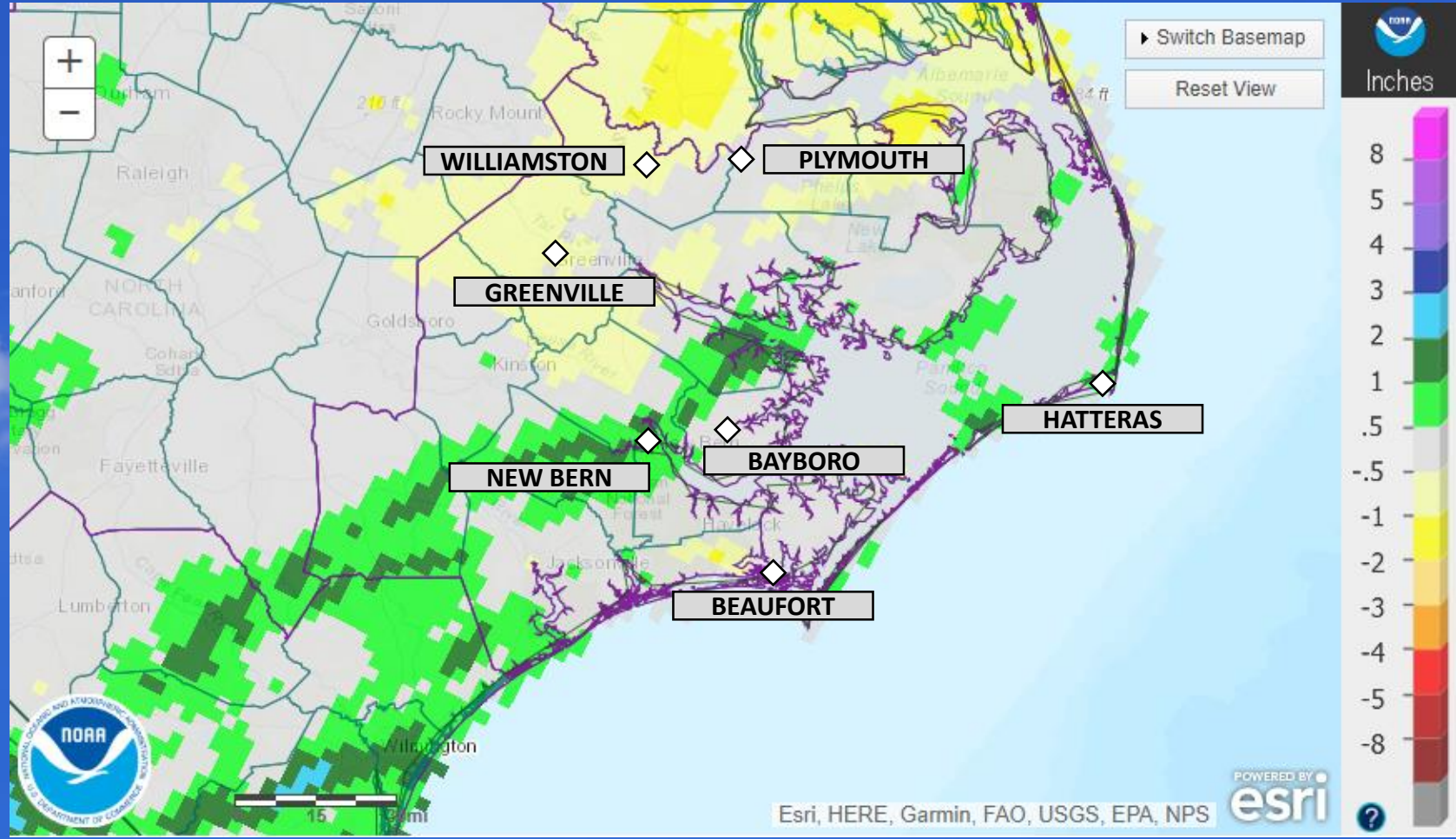


White diamonds denote missing 24-hour precipitation report. Asterisk denotes total with missing data.

# November 2019 Rainfall vs. Climate Normal

	Observed (In.)	Normal	Difference
Beaufort	4.23	3.87	▲ 0.36
Hatteras	5.61	4.95	▲ 0.66
New Bern	4.63	3.40	▲ 1.23
Greenville	3.26	3.12	▲ 0.14
Williamston	3.27	3.08	▲ 0.19
Plymouth	3.16	3.53	▼ 0.37
<b>Bayboro</b>	4.30	3.78	▲ 0.52

Red sites have missing data



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

# Average Temperatures: November 2019

	Average High	Normal High	Difference	Average Low	Normal Low	Difference
Beaufort	63.0	65.8	▼ 2.8	44.9	47.8	▼ 2.9
Hatteras	63.7	64.0	▼ 0.3	50.3	51.2	▼ 0.9
New Bern	61.7	66.4	▼ 4.7	40.7	43.9	▼ 3.2
Greenville	60.0	65.0	▼ 5.0	39.1	41.5	▼ 2.4
Kinston	60.3	68.2	▼ 7.9	39.0	44.9	▼ 5.9
Williamston	58.5	64.5	▼ 6.0	39.7	41.0	▼ 1.3
Plymouth	59.6	65.2	▼ 5.6	40.4	43.0	▼ 2.6
<b>Bayboro</b>	62.3	66.7	▼ 4.4	42.6	42.7	▼ 0.1

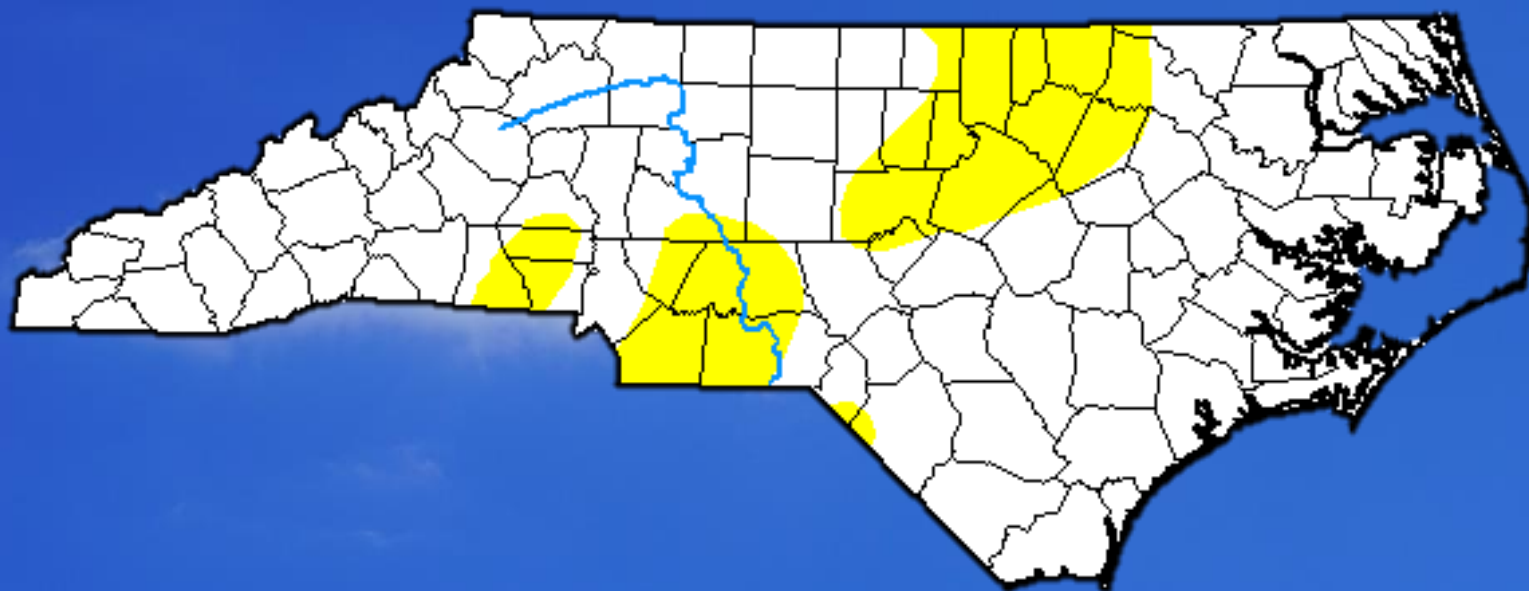
Red sites have missing data

# Temperature Extremes: November 2019

	Max High	Date Obs.	Min Low	Date Obs.
<b>Beaufort</b>	78	1 <sup>st</sup>	32	13 <sup>th</sup>
<b>Hatteras</b>	78	1 <sup>st</sup>	41	13 <sup>th</sup>
<b>New Bern</b>	77	7 <sup>th</sup>	29	13 <sup>th</sup>
<b>Greenville</b>	76	1 <sup>st</sup>	26	13 <sup>th</sup> , 14 <sup>th</sup>
<b>Kinston</b>	82	1 <sup>st</sup>	26	14 <sup>th</sup>
<b>Williamston</b>	81	1 <sup>st</sup>	27	14 <sup>th</sup>
<b>Plymouth</b>	80	1 <sup>st</sup>	25	14 <sup>th</sup>
<b>Bayboro</b>	83	2 <sup>nd</sup>	34	13 <sup>th</sup> , 14 <sup>th</sup>

Red sites have missing data

# Drought Monitor: North Carolina



**November 26, 2019**

*(Released Wednesday, Nov. 27, 2019)*

Valid 7 a.m. EST

*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	82.35	17.65	0.00	0.00	0.00	0.00
<b>Last Week</b> <i>11-19-2019</i>	75.97	24.03	2.99	0.00	0.00	0.00
<b>3 Months Ago</b> <i>09-27-2019</i>	82.44	17.56	6.71	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>10-01-2019</i>	37.68	62.32	41.69	4.40	0.00	0.00
<b>One Year Ago</b> <i>11-27-2018</i>	100.00	0.00	0.00	0.00	0.00	0.00

Intensity:



*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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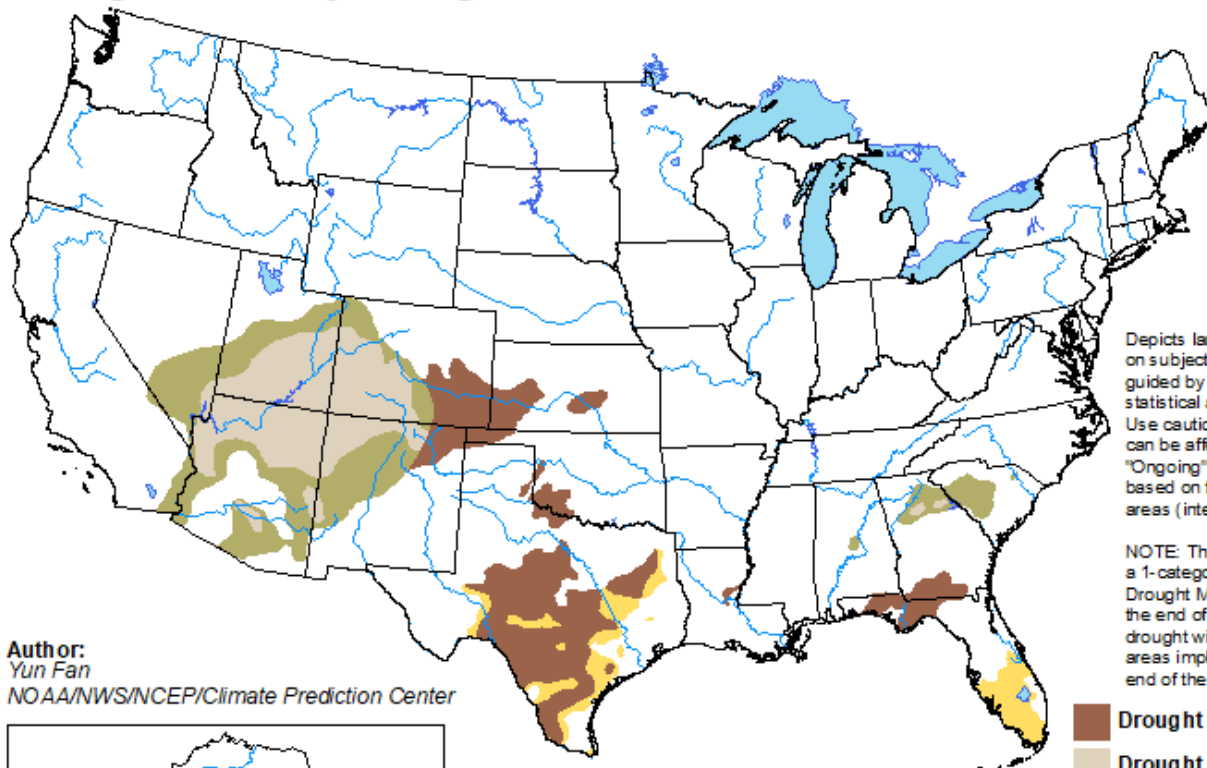


[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

# Monthly Drought Outlook

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

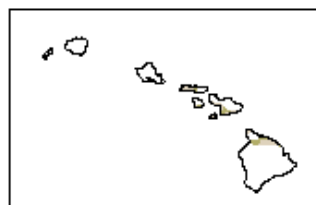
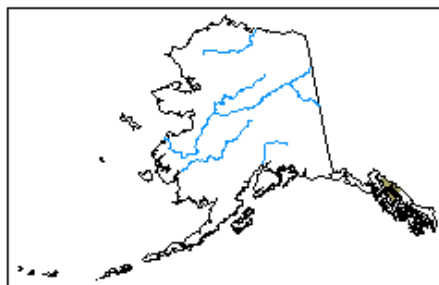
Valid for December 2019  
Released November 30, 2019







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>