

A vibrant display of fireworks exploding in the night sky over a body of water. The fireworks are in various colors including purple, green, and white, with bright yellow and orange bursts at the bottom. The water in the foreground is dark, and a wooden railing is visible in the lower right corner.

December 2019 Climate Review

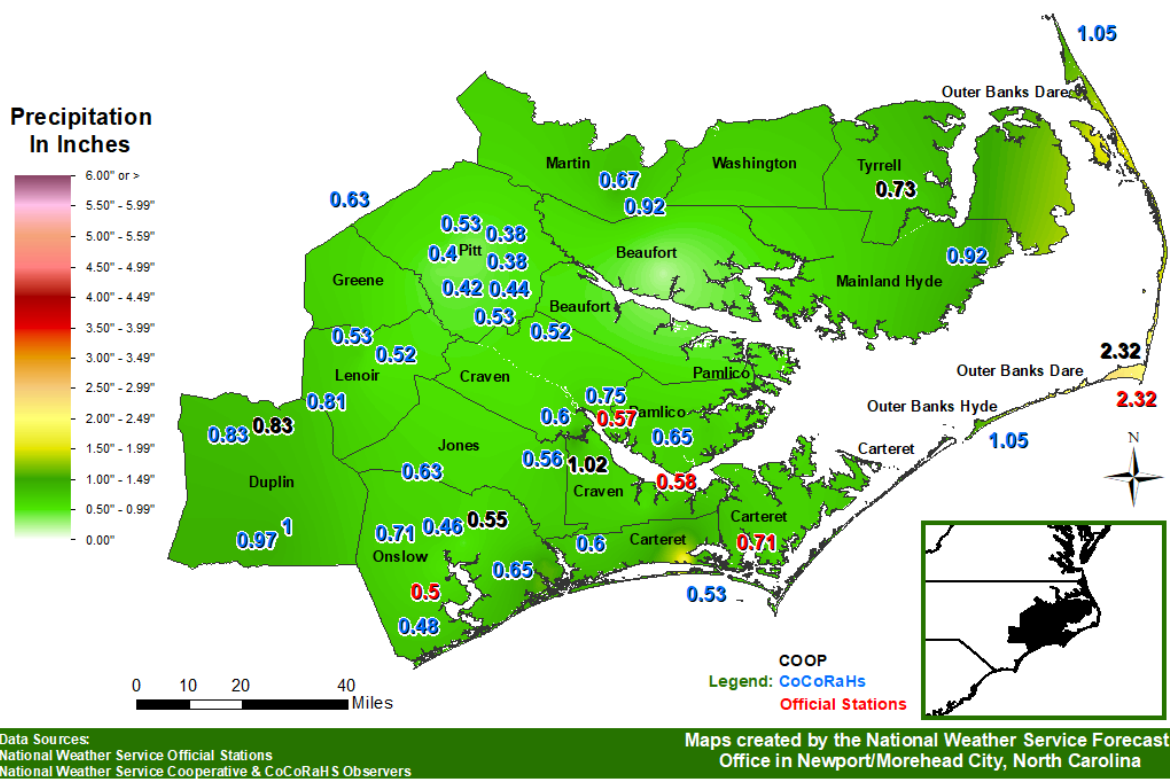
Presented By:

National Weather Service
Newport/Morehead City, NC

December 2019 Highlights

Newport/Morehead City 24Hr Precipitation - Thru 7AM 12/14/2019

This map is an interpolation of actual reported values, but should be considered an estimation only. Not all reports used in the analysis will be displayed due to space constraints. Reports are 24 hour precipitation from yesterday morning through this morning.



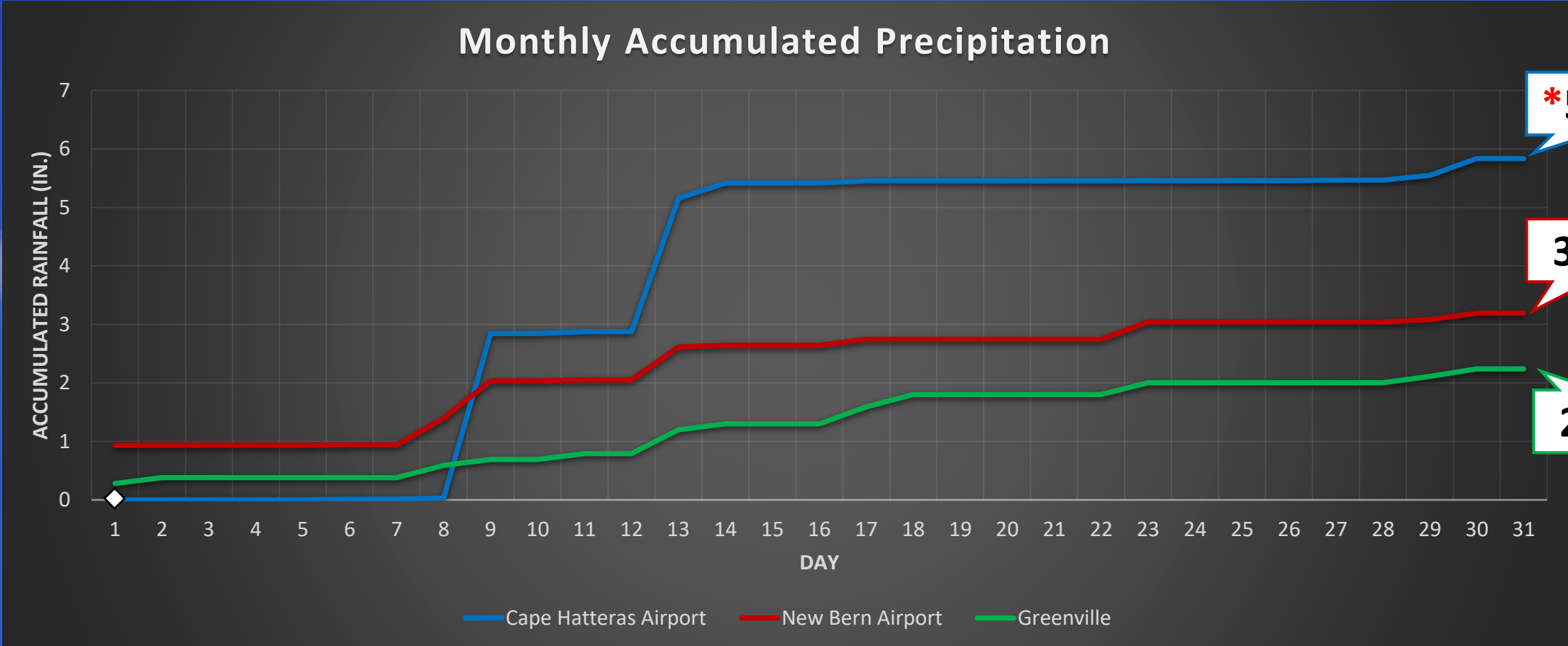
Record OBX Rainfall: Low pressure tracked across the Carolinas bringing heavy rainfall to portions of the Outer Banks. Billy Mitchell Field in Frisco broke their daily rainfall record on December 13th, picking up 2.28 inches of rain.

Warm End to the Decade: December 2019 ended on a warm note for eastern North Carolina with average temperatures ranging between 3 to 6 degrees above average. For many the warmest temperatures came in the middle of the month with several locations reaching to the mid to upper 70s.

Reported rainfall amounts across Eastern North Carolina on December 13th, 2019.

DISCLAIMER: The climate data provided are preliminary and have not undergone final quality control by NCDC. Therefore...this data is subject to revision.

December 2019 Rainfall

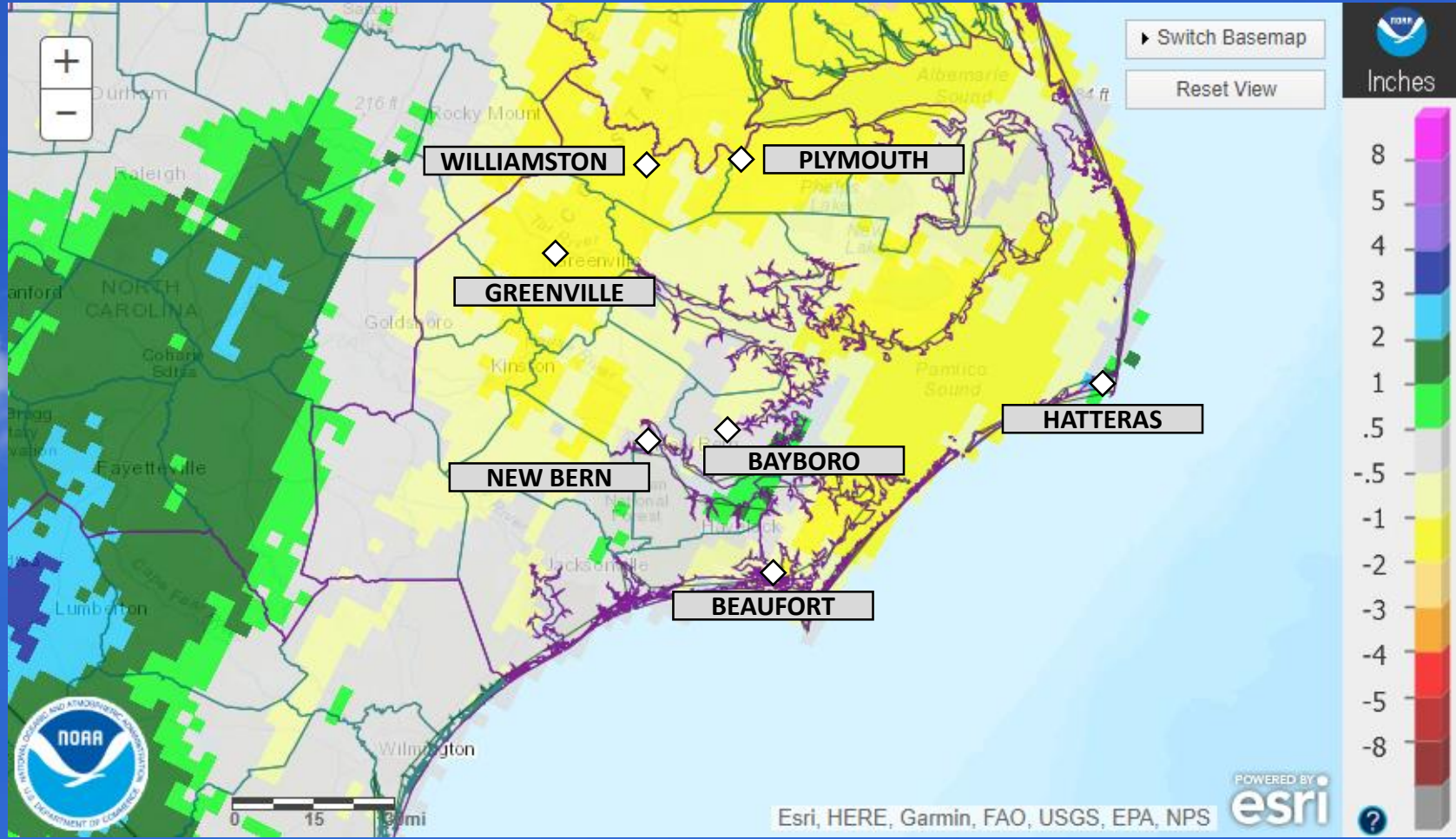


White diamonds denote missing 24-hour precipitation report. Asterisk denotes total with missing data.

December 2019 Rainfall vs. Climate Normal

	Observed (In.)	Normal	Difference
Beaufort	3.20	3.52	▼ 0.32
Hatteras	5.83	4.27	▲ 1.56
New Bern	3.19	3.40	▼ 0.21
Greenville	2.29	3.25	▼ 0.96
Williamston	2.45	3.24	▼ 0.79
Plymouth	1.68	3.29	▼ 1.61
Bayboro	3.14	3.75	▼ 0.61

Red sites have missing data



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

Average Temperatures: December 2019

	Average High	Normal High	Difference	Average Low	Normal Low	Difference
Beaufort	62.0	57.0	▲ 5.0	44.7	39.7	▲ 5.0
Hatteras	62.2	55.9	▲ 6.3	48.8	42.7	▲ 6.1
New Bern	61.5	57.5	▲ 4.0	39.9	36.1	▲ 3.8
Greenville	59.5	55.3	▲ 4.2	38.9	34.0	▲ 4.9
Kinston	--	--	--	--	--	--
Williamston	57.7	54.6	▲ 3.1	38.2	33.0	▲ 5.2
Plymouth	60.4	56.0	▲ 4.4	38.2	35.9	▲ 2.3
Bayboro	61.2	58.3	▲ 2.9	40.4	35.7	▲ 4.7

Red sites have missing data

Temperature Extremes: December 2019

	Max High	Date Obs.	Min Low	Date Obs.
Beaufort	74	29 th	25	19 th
Hatteras	73	10 th	36	19 th , 20 th
New Bern	78	10 th	23	20 th
Greenville	77	10 th	25	20 th
Kinston	--	--	--	--
Williamston	76	11 th	26	20 th
Plymouth	76	10 th	22	20 th
Bayboro	75	11 th	28	20 th , 21 st

Red sites have missing data

Drought Monitor: North Carolina



December 31, 2019
 (Released Thursday, Jan. 2, 2020)
 Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	93.61	6.39	0.00	0.00	0.00	0.00
Last Week <i>12-24-2019</i>	93.61	6.39	0.00	0.00	0.00	0.00
3 Months Ago <i>10-01-2019</i>	37.68	62.32	41.69	4.40	0.00	0.00
Start of Calendar Year <i>01-01-2019</i>	100.00	0.00	0.00	0.00	0.00	0.00
Start of Water Year <i>10-01-2019</i>	37.68	62.32	41.69	4.40	0.00	0.00
One Year Ago <i>01-01-2019</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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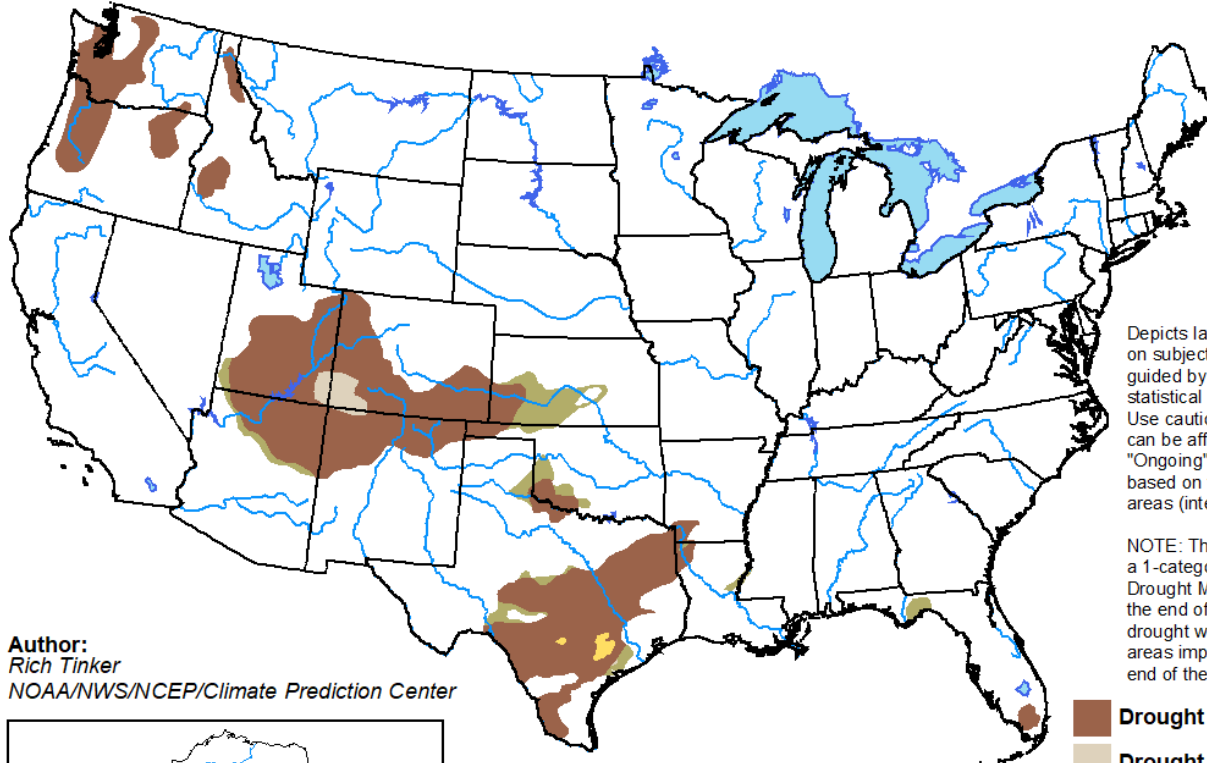


droughtmonitor.unl.edu

Monthly Drought Outlook

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

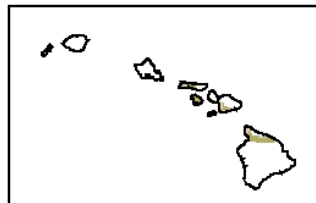
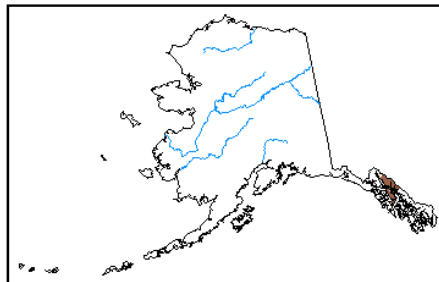
Valid for January 2020
Released December 31, 2019



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>