PUBLISH DATE: DECEMBER 30, 2025

EASTERN NORTH CAROLINA
MONTHLY CLIMATE REPORT

NOVEMBER 2025

WEATHER FORECAST OFFICE
NEWPORT/MOREHEAD CITY, NC

National Weather Service
NEWPORT/MOREHEAD CITY, NC

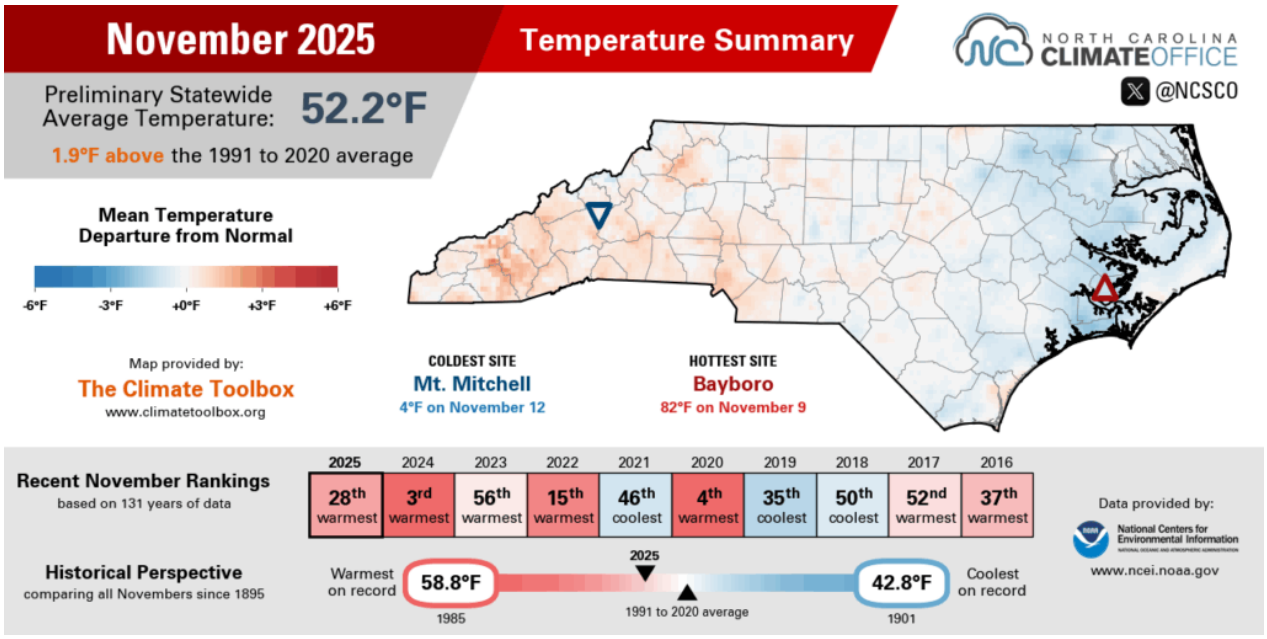
MONTHLY SUMMARY

November in eastern North Carolina snapped the multi-month streak of below average temperatures and returned to a well-below average precipitation regime. Most of our forecast area struggled to get any meaningful rainfall with plenty of fronts moving over the region but most of them moisture starved. The month did start off on a wet note, especially for Cape Hatteras which picked up over 5" of rain in a matter of hours thanks to a stray thunderstorm on the morning of November 3rd. This set a new daily rainfall record, and also helped to make the site the wettest in the entire state, picking up 7.33". Average precipitation for the MHX area was 1.82", or roughly 50% of the 1991-2020 normal. Drought conditions held steady on a month-to-month basis.

Temperatures were above average in November, breaking the streak of the past few months. Eastern NC joined in this trend, but only barely – the average temperature of 53.7°F was only 0.1°F above the 1991-2020 average and still roughly 2 degrees cooler than the rest of the state. Despite this, the warmest temperature statewide was recorded in Bayboro, hitting 82°F on November 7th. Cape Hatteras set a daily record low on November 11th in the wake of a strong cold front, hitting a low of 36°F – the previous record was 37°F set in 1961.

TEMPERATURES

Statewide temperatures across North Carolina were above average in November, breaking the prolonged cool streak according to the North Carolina State Climate Office. The average temperature statewide for the month was 52.2°F or 1.9°F above the 1991-2020 average. This was the 28th warmest November statewide since records began in 1895, with 131 years of data.



November 2025 Temperature Summary | Source: NC State Climate Office

Eastern North Carolina temperature anomalies were quite a bit cooler than the rest of the state, with temperatures across our 15 counties a mere 0.1°F above the 1991-2020 average. Since their respective records began, November 2025 was the 54th coolest for Cape Hatteras and 44th coolest for New Bern.

MHX Select Site Temperature Statistics: November 2025

Site	Avg. High (°F)	Avg. Low (°F)	Avg. Temp (°F)	Normal (°F)	Departure (°F)
Beaufort (KMRH)	64.8	46.4	55.6	56.5	-0.9
Hatteras (KHSE)	64.3	48.3	56.3	58.7	-2.4
New Bern (KEWN)	66.7	42.6	54.7	54.2	0.5

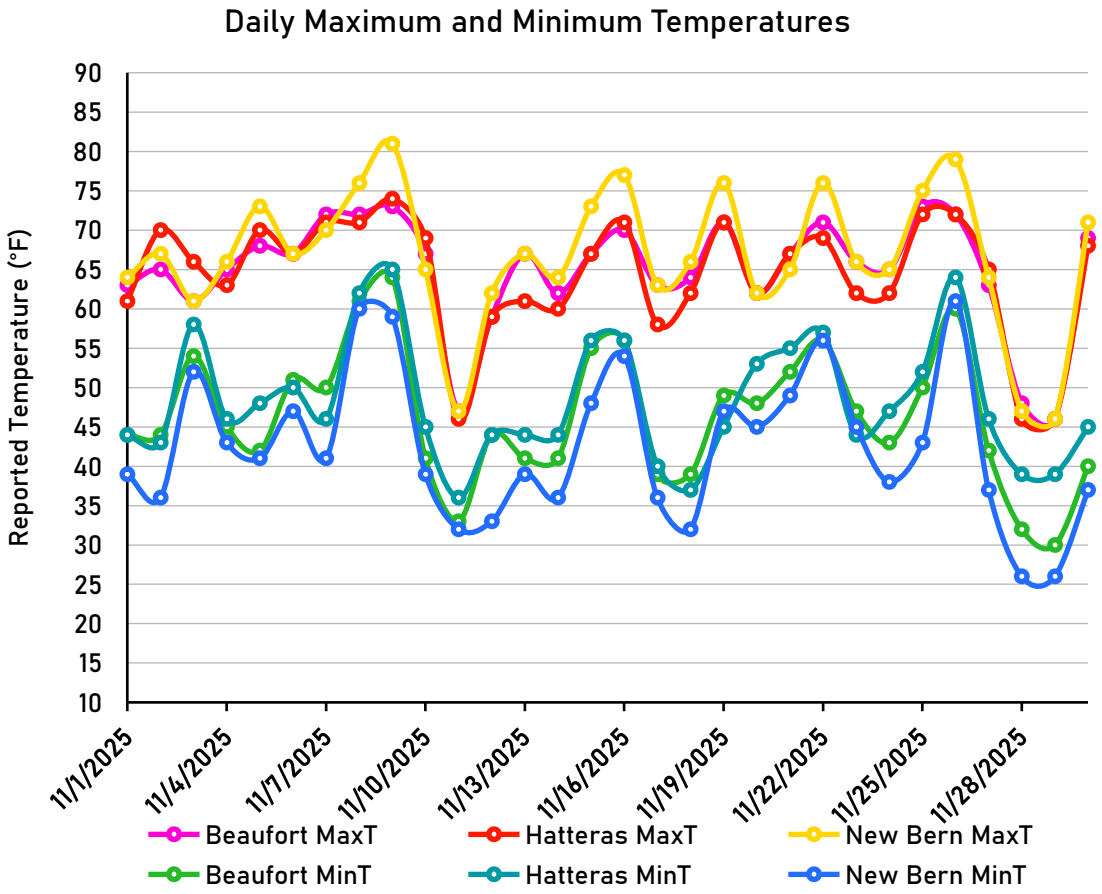
Normals are based on a period from 1990-2020.

County-averaged statistics are presented in the following table. **Mean and departure calculations are based on the 1991-2020 climate normals.** Data courtesy of the National Centers for Environmental Information (NCEI).

County	Avg. Temperature (°F)	Mean (°F)	Departure (°F)	Rank
Beaufort	53.9	53.7	0.2	43 W
Carteret	56.0	55.9	0.1	46 W
Craven	54.0	54.0	0.0	48 W
Dare	54.7	54.7	0.0	54 W
Duplin	52.9	52.7	0.2	55 W
Greene	52.2	52.4	-0.2	51 W
Hyde	55.1	54.9	0.2	49 W
Jones	53.2	53.4	-0.2	53 W
Lenoir	52.0	52.7	-0.7	64 W
Martin	52.2	52.1	0.1	43 W
Onslow	54.0	54.1	-0.1	52 W
Pamlico	55.2	55.0	0.2	44 W
Pitt	52.4	52.5	-0.1	52 W
Tyrrell	54.4	53.8	0.6	39 W
Washington	53.8	53.0	0.8	36 W
Area Average	53.7	53.7	0.1	

Means are based on a period from 1991-2020. For rankings, "C" designates coldest and "W" designates warmest.

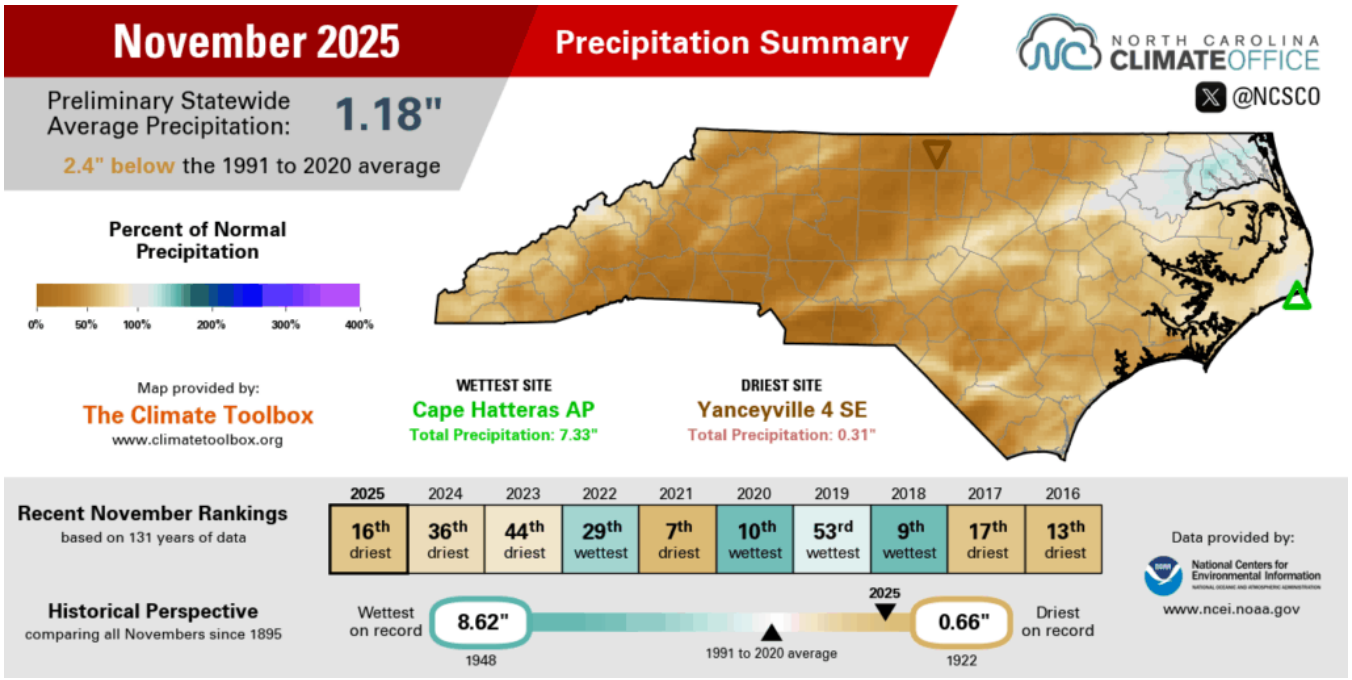
The upper air pattern in November, on average, favored strong troughing over the northeastern CONUS which extended over the Carolinas. Across our forecast area, there was no particular time period where temperatures averaged beyond 3 degrees of normal in either direction, although this hides plenty of rapid day-to-day oscillations, the most notable being on Veteran's Day as highs fell from the mid to upper 60s the day prior to only the mid to upper 40s behind a strong cold front. A similar drop occurred on November 27-28th.



One temperature record was set in November at **Cape Hatteras**, which set a record low of 36°F on November 11th (OR: 37°F / 1961).

PRECIPITATION

Analysis conducted by the North Carolina State Climate Office indicated average statewide precipitation was a measly 1.18” for November, or 2.4” inches below average. This was the 16th driest November since records began in 1895.



November 2025 Precipitation Summary | Source: NC State Climate Office

Eastern North Carolina saw modestly more average precipitation than the state but still came in below average. Cape Hatteras saw above average rainfall, although this was almost entirely driven by a single storm that produced over 5” of rain in a matter of hours. Cape Hatteras recorded its 16th wettest November, while New Bern experienced its 13th driest. The average accumulation across the MHX forecast area was 1.82”, or 3.51” below the 1991-2020 average.

MHX Select Site Precipitation Statistics: November 2025

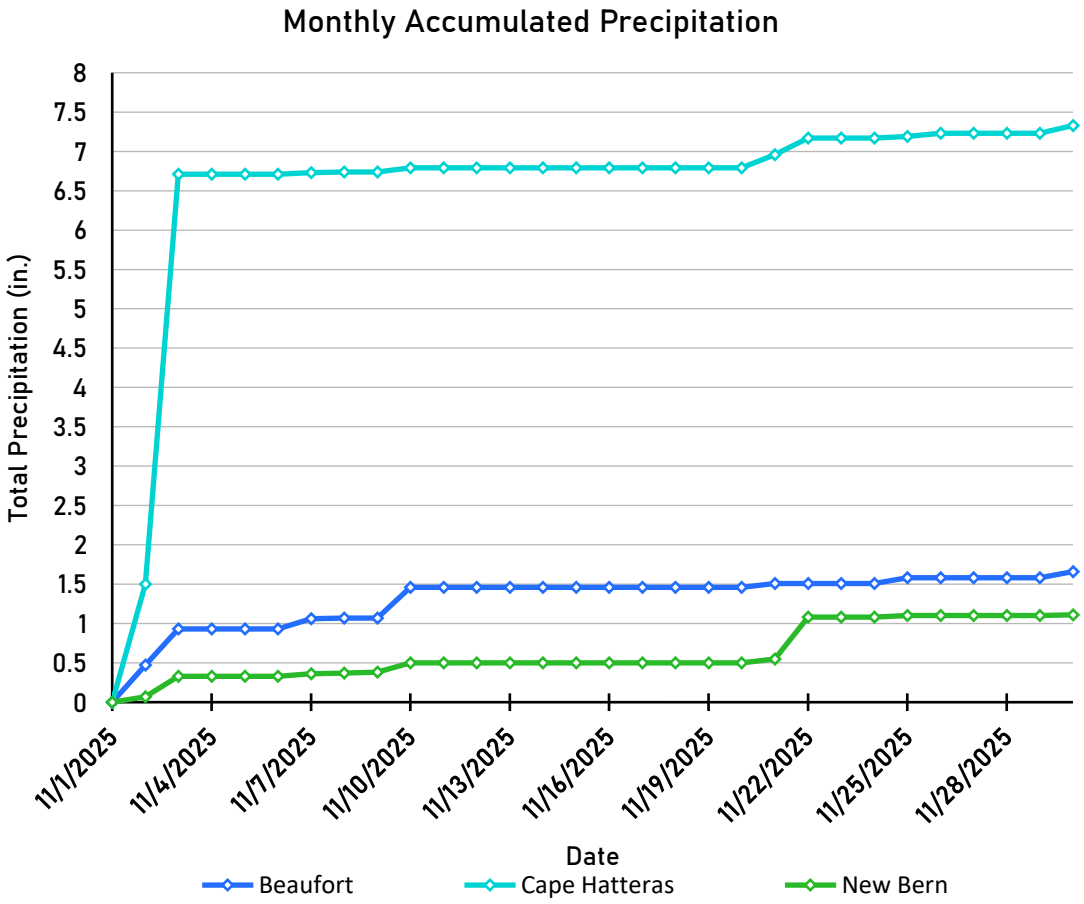
Site	Total Precipitation (in.)	Normal (in.)	Departure (in.)
Beaufort (KMRH)	1.66	3.99	-2.33
Hatteras (KHSE)	7.33	4.76	2.57
New Bern (KEWN)	1.11	3.33	-2.22

County-averaged statistics are presented in the following table. **Mean and departure calculations are based on the 1991-2020 climate normals.** Data courtesy of the National Centers for Environmental Information (NCEI).

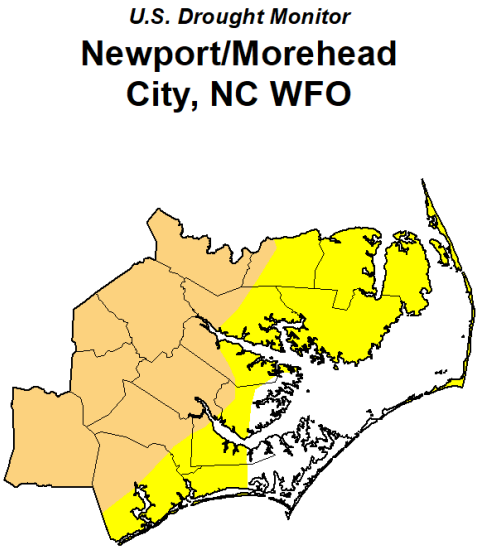
County	Avg. Accum. (in.)	Mean (in.)	Departure (in.)	Rank
Beaufort	1.77	3.40	-1.63	38 D
Carteret	1.98	4.00	-2.02	39 D
Craven	1.47	3.52	-2.05	29 D
Dare	3.45	3.61	-0.16	57 W
Duplin	1.27	3.45	-2.18	26 D
Greene	1.26	3.32	-2.06	25 D
Hyde	2.59	3.72	-1.13	53 D
Jones	1.29	3.45	-2.16	26 D
Lenoir	1.20	3.40	-2.20	26 D
Martin	1.80	3.31	-1.51	43 D
Onslow	1.44	3.58	-2.14	29 D
Pamlico	1.86	3.73	-1.87	37 D
Pitt	1.43	3.32	-1.89	31 D
Tyrrell	2.39	3.48	-1.09	54 D
Washington	2.05	3.38	-1.33	49 D
Area Average	**1.82**	**3.51**	**-1.69**	

Means are based on a period from 1991-2020. For rankings, "W" designates wettest and "D" designates driest.

November started wet across eastern NC as a quick-hitting cold front crossed the state and then lifted offshore. This system was responsible for an impressive convective feature that stalled over **Cape Hatteras** on the morning of November 3rd and dumped 5.21" of rain in a matter of hours. This shattered the previous daily record of 3.87" set in 1979. Outside of this event, the only other notable rainfall events were cold frontal passages on the 10th and 22nd. Overall, precipitation across eastern NC was between 25-50% of normal.



Drought conditions held steady month-to-month with almost no change in the percentage of D1 (Moderate) and D0 (Abnormally Dry) conditions from the start of the month. The only notable change was the removal of all D2 (Severe) drought over the fringes of the inner coastal plain in Greene and Pitt counties.



U.S. Drought Monitor

Newport/Morehead City, NC WFO

December 2, 2025

(Released Thursday, Dec. 4, 2025)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	6.51	93.49	54.46	0.00	0.00	0.00
Last Week 11-25-2025	6.51	93.49	54.46	1.00	0.00	0.00
3 Months Ago 09-02-2025	27.57	72.43	0.00	0.00	0.00	0.00
Start of Calendar Year 01-07-2025	0.00	100.00	100.00	0.00	0.00	0.00
Start of Water Year 09-30-2025	0.09	99.91	44.72	0.00	0.00	0.00
One Year Ago 12-03-2024	0.00	100.00	100.00	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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Western Regional Climate Center

droughtmonitor.unl.edu

ADDITIONAL CLIMATE RESOURCES

For a look at climate on the national scale, as well as statistics from a CONUS-wide to county and city level, please visit the **National Centers for Environmental Information** at https://www.ncei.noaa.gov/. Additional maps and data, as well as teaching materials and a climate resiliency toolkit, can be found at **NOAA's** https://www.climate.gov.

For additional drought information, including a wealth of maps of data focused on topics such as agriculture, fire, and water supply, please visit **NOAA's National Integrated Drought Information System (NIDIS)** at https://www.drought.gov.

For climate statistics and real time observations across the state of North Carolina, please visit the **North Carolina State Climate Office** at https://climate.ncsu.edu/.

For climate forecasts and outlooks, visit the **Climate Prediction Center** at https://www.cpc.ncep.noaa.gov/.

For community-based precipitation observations from across the United States, visit **CoCoRaHS** at https://www.cocorahs.org/.

For climate statistics relevant to various regions of North Carolina, please visit the following climate pages:

Eastern (WFO Morehead City): https://www.weather.gov/wrh/climate?wfo=mhx

Southeastern (WFO Wilmington): https://www.weather.gov/wrh/climate?wfo=ilm

Northeastern (WFO Wakefield, VA): https://www.weather.gov/wrh/climate?wfo=akq

Central (WFO Raleigh): https://www.weather.gov/wrh/climate?wfo=rah

Northwestern (WFO Blacksburg, VA): https://www.weather.gov/wrh/climate?wfo=rnk

Southwestern (WFO Greer, SC): https://www.weather.gov/wrh/climate?wfo=gsp

Cherokee and Clay Co. (WFO Knoxville, TN): https://www.weather.gov/wrh/climate?wfo=mrx

APPENDIX A: ADDITIONAL TEMPERATURE DATA

Cooperative Observation Site Temperature Statistics: November 2025

Site	Avg. High (°F)	Avg. Low (°F)	Avg. Temp (°F)	Normal (°F)	Departure (°F)
Greenville	65.9	41.2	53.6	52.7	0.9
Kinston	65.9	40.8	53.4	55.2	-1.9
Williamston	64.4	39.4	51.9	52.7	-0.8
Plymouth	66.1	42.0	54.1	53.3	0.8
Bayboro	67.7	41.9	54.8	53.3	1.5
Manteo	61.2	46.1	53.7	54.5	-0.8

Normals are based on a period from 1991-2020.

Maximum and Minimum Monthly Temperatures: November 2025

Site	Max High (°F)	Date Observed	Min Low (°F)	Date Observed
Beaufort (KMRH)	73	Nov 9, 25	60	Nov 29
Hatteras (KHSE)	74	Nov 9	36	Nov 11
New Bern (KEWN)	81	Nov 9	26	Nov 28-29
Greenville	77	Nov 16	23	Nov 29
Kinston	78	Nov 17	23	Nov 29
Williamston	77	Nov 10	23	Nov 29-30
Plymouth	77	Nov 9, 23	23	Nov 29
Bayboro	82	Nov 10	29	Nov 29-30
Manteo	72	Nov 27	34	Nov 12

APPENDIX B: ADDITIONAL PRECIPITATION DATA

Cooperative Observation Site Precipitation Statistics: November 2025

Site	Total Precipitation (in.)	Normal (in.)	Departure (in.)
Greenville	1.52	3.42	-1.90
Kinston	1.01	3.46	-2.45
Williamston	2.37	3.39	-1.02
Plymouth	2.16	3.57	-1.41
Bayboro	2.13	3.93	-1.80

Sites in red have missing data in their record.

CoCoRaHS Monthly Accumulated Precipitation: November 2025

Site	County	Amount (in.)
Washington 1.0 SSW	Beaufort	1.59
Aurora 4.8 NE	Beaufort	1.58
Pantego 0.4 WSW	Beaufort	1.53
Beaufort 12.1 N	Carteret	2.06
Beaufort 3.8 N	Carteret	1.66
Beaufort 0.5 W	Carteret	1.65
Beaufort 5.3 N	Carteret	1.47
Newport 1.7 SSE	Carteret	1.43
Morehead City 0.6 NW	Carteret	1.39
Newport 1.0 N	Carteret	1.36
Swansboro 3.7 NNE	Carteret	1.35

CoCoRaHS Monthly Accumulated Precipitation: November 2025

Site	County	Amount (in.)
Newport 2.3 SE	Carteret	1.25
Newport 2.5 W	Carteret	1.22
Emerald Isle 0.4 SW	Carteret	1.20
Cedar Point 0.4 WSW	Carteret	1.17
Emerald Isle 2.3 WSW	Carteret	1.16
Cedar Point 0.7 NNE	Carteret	1.13
Cape Carteret 0.8 NE	Carteret	1.01
Newport 0.2 SW	Carteret	0.96
Trent Woods 1.2 ENE	Craven	1.52
Trent Woods 1.0 NNE	Craven	1.50
Trent Woods 1.3 WNW	Craven	1.43
Trent Woods 1.2 E	Craven	1.38
Trent Woods 1.3 SSE	Craven	1.38
New Bern 3.8 S	Craven	1.28
New Bern 1.3 NNE	Craven	1.18
Bridgeton 0.3 SSE	Craven	1.04
Havelock 1.9 SSE	Craven	0.68
Rodanthe 1.0 SSE	Dare	3.00
Manteo 2.8 NW	Dare	2.38
Kill Devil Hills 1.6 W	Dare	2.30
Southern Shores 0.5 NNE	Dare	2.14

CoCoRaHS Monthly Accumulated Precipitation: November 2025

Site	County	Amount (in.)
Duck 0.7 SSE	Dare	2.14
Duck 0.3 ENE	Dare	2.14
Kill Devil Hills 2.6 NNW	Dare	2.13
Southern Shores 1.9 NNW	Dare	2.02
Faison 3.3 SSE	Duplin	1.36
Rose Hill 0.1 NNW	Duplin	0.94
Mount Olive 2.4 SW	Duplin	0.71
Ayden 6.5 WNW	Greene	1.27
Ocracoke 0.2 ESE	Hyde	2.75
Ocracoke 0.6 SW	Hyde	2.58
Engelhard 0.8 NW	Hyde	1.83
SQ Tower	Hyde	1.37
Kinston 7.0 SW	Lenior	1.30
Kinston 5.1 WNW	Lenior	1.09
Kinston 4.4 WNW	Lenior	0.94
Kinston 4.6 ESE	Lenior	0.87
Williamston 8.9 SSE	Martin	2.24
Jamesville 6.1 SW	Martin	1.91
Sneads Ferry 3.3 SW	Onslow	2.09
Holly Ridge 3.7 E	Onslow	2.00
Swansboro 2.8 WSW	Onslow	1.23

CoCoRaHS Monthly Accumulated Precipitation: November 2025

Site	County	Amount (in.)
Jacksonville 1.0 NW	Onslow	1.14
Jacksonville 2.4 NNE	Onslow	1.12
Hubert 4.9 SE	Onslow	1.10
Jacksonville 5.4 WSW	Onslow	1.09
Merritt 1.5 WSW	Pamlico	2.96
Oriental 2.1 WSW	Pamlico	2.88
Oriental 4.3 NNW	Pamlico	2.83
Oriental 1.7 WNW	Pamlico	2.74
Lowland 0.2 SE	Pamlico	1.77
Greenville 4.6 W	Pitt	1.53
Greenville 5.7 NW	Pitt	1.45
Greenville 5.0 SE	Pitt	1.35
Fountain 0.1 NE	Pitt	1.29
Winterville 3.5 W	Pitt	1.27
Greenville 7.1 SSE	Pitt	1.12
Winterville 1.0 ENE	Pitt	1.12
Greenville 2.8 S	Pitt	1.10

CoCoRaHS inclusion in this table is based on a complete 30-day liquid precipitation record. Thank you to all observers!