

PUBLISH DATE: AUGUST 12, 2026

EASTERN NORTH CAROLINA
MONTHLY CLIMATE REPORT

JUNE
2026

WEATHER FORECAST OFFICE
NEWPORT/MOREHEAD CITY, NC

National Weather Service
NEWPORT/MOREHEAD CITY, NC

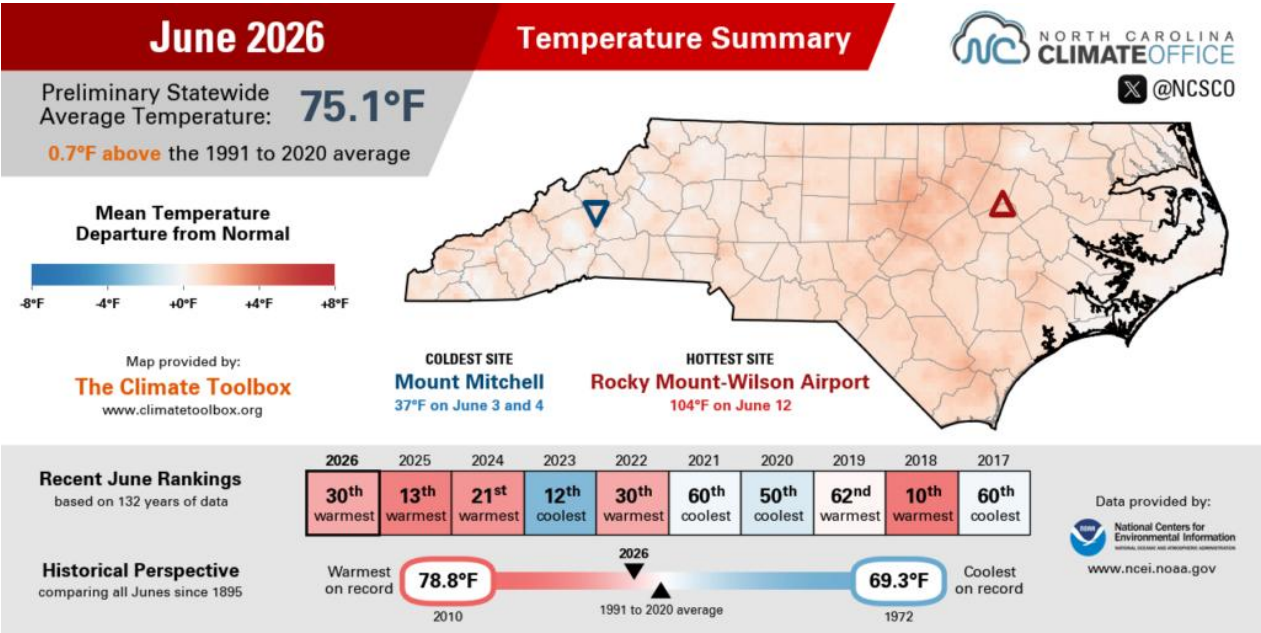
MONTHLY SUMMARY

June in eastern North Carolina was characterized once again by highly variable precipitation patterns as convection dominated. The first half of the month was generally dry after a front pushed across the Carolinas to start the month. The average precipitation across the region was 4.20" or roughly 85% of average. The Outer Banks and areas along the Albemarle Sound were generally the greatest beneficiaries of precipitation – Ocracoke ended up being the wettest location in the state, picking up 7.41". Drought conditions improved modestly in these locations, but worsened over the inner coastal plain with much of the area ending the month in Extreme (D3) drought.

Temperatures returned to modestly above average across the state, with eastern North Carolina being a touch warmer than the rest of the state. Average temperatures across our 15 counties were 1.0°F above the 1991-2020 normal. The first half of the month saw more variable temperatures with the month's first week well below normal, followed by a heat wave in the second week marked by a few record highs. Both Hatteras and New Bern set record high lows on June 12th, but New Bern also set a record high the same day.

TEMPERATURES

Statewide temperatures across North Carolina were slightly above normal, according to the North Carolina State Climate Office. The average temperature statewide for the month was 75.1°F or 0.7°F above the 1991-2020 average. This was the 30th warmest June statewide since records began in 1895, with 132 years of data.



June 2026 Temperature Summary | Source: NC State Climate Office

Eastern North Carolina temperature anomalies were very close to the statewide average. Temperatures across our 15 counties were 1.0°F above the 1991-2020 average. Since their respective records began, June 2026 was the 32nd warmest for Cape Hatteras and 29th warmest for New Bern.

MXH Select Site Temperature Statistics: June 2026

Site	Avg. High (°F)	Avg. Low (°F)	Avg. Temp (°F)	Normal (°F)	Departure (°F)
Beaufort (KMRH)	83.9	70.3	77.1	77.3	-0.2
Hatteras (KHSE)	82.8	70.3	76.6	77.5	-1.0
New Bern (KEWN)	88.9	67.2	78.1	77.0	1.1

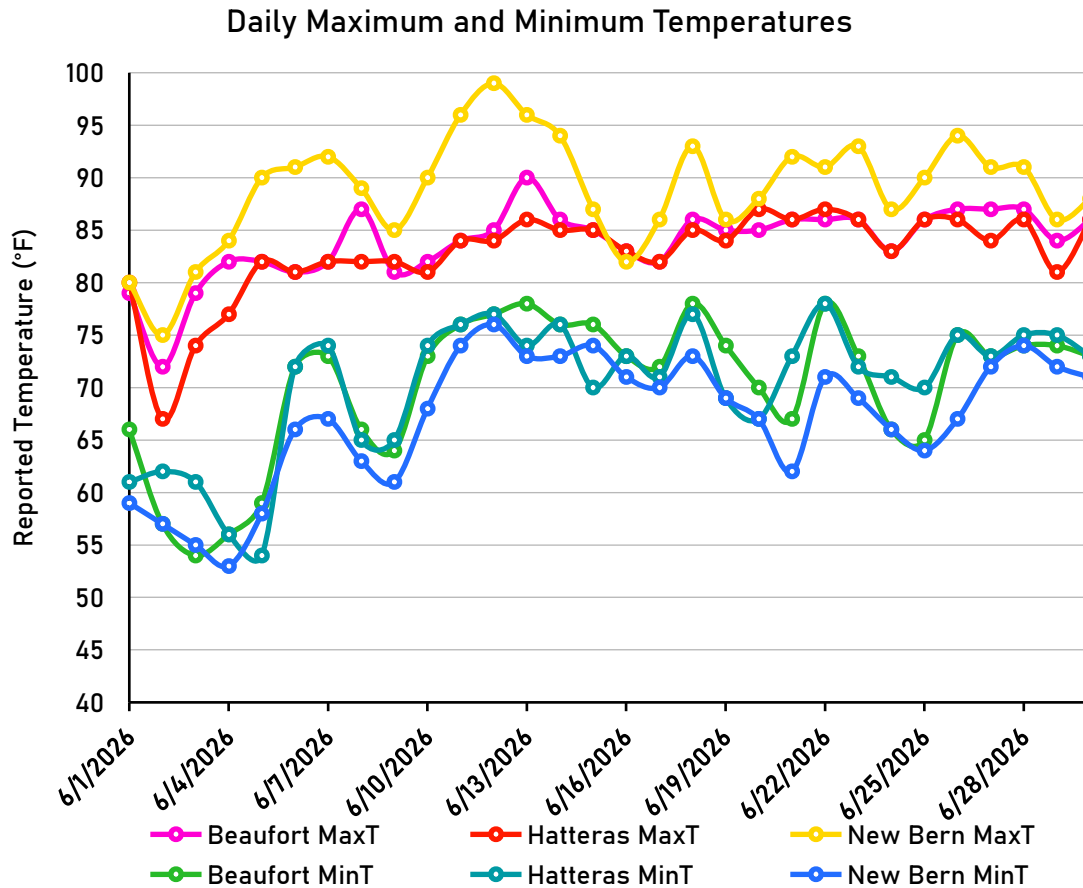
Normals are based on a period from 1990-2020.

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	77.7	76.6	1.1	19 W
Carteret	77.8	77.0	0.8	22 W
Craven	77.6	76.6	1.0	20 W
Dare	76.2	76.0	0.2	39 W
Duplin	77.5	76.3	1.2	19 W
Greene	78.0	76.5	1.5	17 W
Hyde	77.5	76.8	0.7	24 W
Jones	77.1	76.3	0.8	24 W
Lenoir	77.6	76.5	1.1	21 W
Martin	77.1	75.8	1.3	22 W
Onslow	77.1	76.5	0.6	29 W
Pamlico	78.1	77.0	1.1	20 W
Pitt	77.7	76.4	1.3	21 W
Tyrrell	76.9	76.1	0.8	24 W
Washington	77.0	76.0	1.0	20 W
Area Average	77.4	76.4	1.0	

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

Eastern NC saw higher temperature variability in the first half of June with the first week trending slightly below average, particularly aided by unusually cool low temperatures in the low to mid 50s. By the second week, a combination of abnormally high temperatures and sultry overnight lows well into the 70s boosted daily temperature averages as much as 10 degrees above normal. The second half of June otherwise progressed well within climatological norms.



The following records were set or tied at New Bern and Cape Hatteras in June:

New Bern, NC

Record High: June 12th – 99°F (OR: 95°F / 1945)

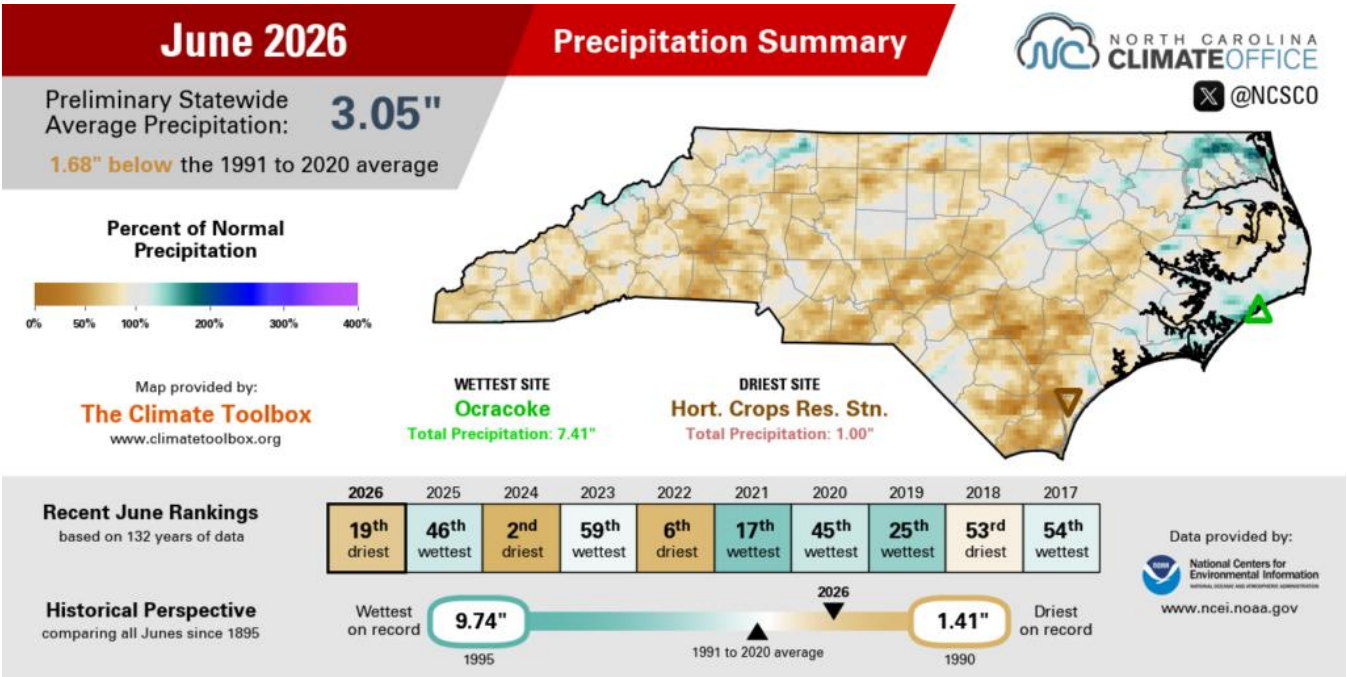
Record Warm Low: June 12th – 76°F (OR: 75°F / 1985)

Cape Hatteras, NC

Record Warm Low: June 12th – 77°F (OR: 77°F / 1947)

PRECIPITATION

Analysis conducted by the North Carolina State Climate Office indicated average statewide precipitation was 3.05” for June, or 1.68” inches below average. This was the 19th driest June since records began in 1895.



June 2026 Precipitation Summary | Source: NC State Climate Office

Eastern North Carolina was, on average, well wetter than the statewide average but still below the 1991-2020 average. As is typical in the summer, amounts were highly variable due to convection. The average accumulation across the MHX forecast area was 4.20” (roughly 85% of the 1991-2020 normal). New Bern had its 43rd wettest June on record while Cape Hatteras had its 48th wettest.

MHX Select Site Precipitation Statistics: June 2026

Site	Total Precipitation (in.)	Normal (in.)	Departure (in.)
Beaufort (KMRH)	4.05	4.06	-0.01
Hatteras (KHSE)	4.86	4.41	0.45
New Bern (KEWN)	4.70	4.60	0.10

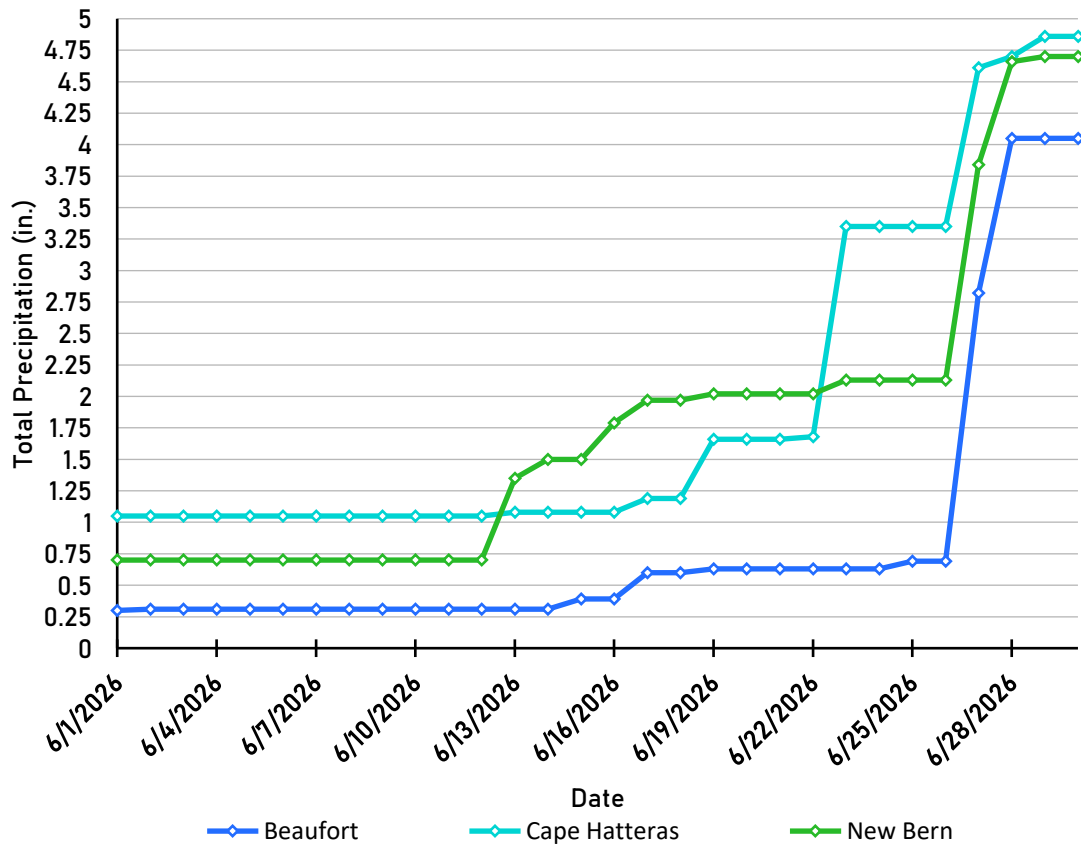
County-averaged statistics are presented in the following table. **Mean and departure calculations are based on the 1991-2020 climate normals.** Data courtesy of the National Centers for Environmental Information (NCEI).

County	Avg. Accum. (in.)	Mean (in.)	Departure (in.)	Rank
Beaufort	4.45	5.06	-0.61	64 D
Carteret	5.00	4.98	0.02	51 W
Craven	4.17	5.06	-0.89	50 L
Dare	5.02	4.59	0.43	47 W
Duplin	2.60	5.29	-2.69	14 D
Greene	3.19	4.70	-1.51	31 D
Hyde	5.75	4.84	0.91	37 W
Jones	3.93	5.24	-1.31	40 D
Lenoir	3.17	5.03	-1.86	31 D
Martin	4.38	4.83	-0.45	66 W
Onslow	3.36	5.50	-2.14	30 D
Pamlico	4.83	4.94	-0.11	58 W
Pitt	3.62	4.76	-1.14	40 D
Tyrrell	4.70	4.76	-0.06	57 W
Washington	4.90	4.97	-0.07	54 W
Area Average	4.20	4.97	-0.77	

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

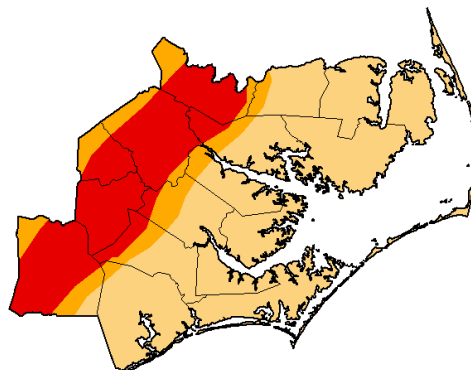
June started off on a wet note as a cold front pushed across the Carolinas and mid-Atlantic. Otherwise, the first half of the month was largely dry as ridging kept a favorable convective environment at bay. A more unsettled pattern began in the second half of June with isolated to scattered showers and thunderstorms, with activity enhanced around June 18-19 and June 23 with passing cold fronts. The Outer Banks got considerable rainfall, and **Ocracoke** saw the highest monthly total statewide at 7.41”.

Monthly Accumulated Precipitation



Drought conditions saw sharp differences in June, with areas along and east of Highway 17 seeing modest improvement to Moderate (D1) drought. The inner coastal plain saw worsening drought, with much of the corridor in Extreme (D3).

U.S. Drought Monitor Newport/Morehead City, NC WFO



June 30, 2026

(Released Thursday, Jul. 2, 2026)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	100.00	40.66	28.61	0.00
Last Week 06-23-2026	0.00	100.00	100.00	81.95	26.47	0.00
3 Months Ago 03-31-2026	0.00	100.00	100.00	99.94	0.26	0.00
Start of Calendar Year 01-01-2026	0.00	100.00	44.85	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 07-01-2025	100.00	0.00	0.00	0.00	0.00	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate 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>

Author:

Brad Rippey
U.S. Department of Agriculture



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=mxh>

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

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

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: June 2026

Site	Avg. High (°F)	Avg. Low (°F)	Avg. Temp (°F)	Normal (°F)	Departure (°F)
Greenville	90.4	67.1	78.8	77.3	1.5
Kinston	90.3	67.5	78.9	77.7	1.2
Williamston	87.7	65.2	76.5	76.3	0.2
Plymouth	88.5	66.6	77.6	76.5	1.1
Bayboro	87.7	66.8	77.3	75.7	1.6
Manteo	83.1	70.1	76.6	75.5	1.1

Normals are based on a period from 1991-2020. Red sites have missing data.

Maximum and Minimum Monthly Temperatures: June 2026

Site	Max High (°F)	Date Observed	Min Low (°F)	Date Observed
Beaufort (KMRH)	90	Jun 13	54	Jun 3
Hatteras (KHSE)	87	Jun 20, 22	54	Jun 5
New Bern (KEWN)	99	Jun 12	53	Jun 4
Greenville	100	Jun 12	48	Jun 3
Kinston	101	Jun 13	50	Jun 3
Williamston	100	Jun 13	47	Jun 3
Plymouth	99	Jun 12-13	49	Jun 3
Bayboro	99	Jun 13	53	Jun 3-4
Manteo	94	Jun 13	57	Jun 4

APPENDIX B: ADDITIONAL PRECIPITATION DATA

Cooperative Observation Site Precipitation Statistics: June 2026

Site	Total Precipitation (in.)	Normal (in.)	Departure (in.)
Greenville	3.50	4.36	-0.86
Kinston	3.07	5.53	-2.46
Williamston	4.92	5.13	-0.21
Plymouth	6.58	5.42	1.16
Bayboro	4.69	5.40	-0.71

Sites in red have missing data in their record.

CoCoRaHS Monthly Accumulated Precipitation: June 2026

Site	County	Amount (in.)
Pantego 0.4 WSW	Beaufort	3.54
Beaufort 12.1 N	Carteret	5.87
Newport 1.0 N	Carteret	5.41
Beaufort 3.8 N	Carteret	5.23
Beaufort 0.5 W	Carteret	5.13
Newport 2.5 W	Carteret	4.76
Swansboro 3.7 NNE	Carteret	4.63
Morehead City 6.0 WNW	Carteret	4.50
Beaufort 5.3 N	Carteret	4.37
Newport 0.2 SW	Carteret	3.97
Newport 1.7 SSE	Carteret	3.89

CoCoRaHS Monthly Accumulated Precipitation: June 2026

Site	County	Amount (in.)
Morehead City 2.9 WNW	Carteret	3.50
Morehead City 0.6 NW	Carteret	3.28
Morehead City 4.7 W	Carteret	3.06
Cedar Point 0.9 WSW	Carteret	2.68
Indian Beach 0.0 W	Carteret	2.64
Pine Knoll Shores 1.4 E	Carteret	2.10
New Bern 1.7 WNW	Craven	5.98
New Bern 7.3 ESE	Craven	5.57
New Bern 3.8 S	Craven	5.53
New Bern 5.3 SW	Craven	5.17
New Bern 1.3 NNE	Craven	5.04
James City 2.0 S	Craven	4.71
New Bern 2.9 SSE	Craven	4.69
Trent Woods 1.2 ENE	Craven	4.58
Trent Woods 1.0 NNE	Craven	4.31
Trent Woods 1.2 E	Craven	4.27
Southern Shores 1.9 NNW	Dare	4.31
Duck 0.3 ENE	Dare	3.79
Wanchese 1.0 ENE	Dare	3.73
Manteo 2.8 NW	Dare	3.51
Rodanthe 1.0 SSE	Dare	3.51

CoCoRaHS Monthly Accumulated Precipitation: June 2026

Site	County	Amount (in.)
Southern Shores 0.5 NNE	Dare	3.46
Rose Hill 0.1 NNW	Duplin	2.35
Mount Olive 2.4 SW	Duplin	2.21
Wallace 14.8 E	Duplin	2.11
Mount Olive 6.0 SE	Duplin	1.48
Falison 3.3 SSE	Duplin	1.27
Ayden 6.5 WNW	Greene	2.02
Ocracoke 0.2 ESE	Hyde	7.43
Ocracoke 0.6 SW	Hyde	7.41
SQ Tower	Hyde	2.91
Maysville 3.0 NW	Jones	6.12
La Grange 5.5 NE	Lenoir	2.67
Kinston 5.1 WNW	Lenoir	2.40
Kinston 1.2 NW	Lenoir	2.38
Pink Hill 2.5 NE	Lenoir	2.18
Kinston 4.4 WNW	Lenoir	1.99
Kinston 4.7 ESE	Lenoir	1.58
Kinston 4.6 ESE	Lenoir	1.55
Williamston 0.9 SSW	Martin	3.74
Jamesville 6.1 SW	Martin	2.09
Hubert 4.9 SE	Onslow	4.10

CoCoRaHS Monthly Accumulated Precipitation: June 2026

Site	County	Amount (in.)
Swansboro 2.8 WSW	Onslow	3.97
Jacksonville 2.4 NNE	Onslow	3.80
Jacksonville 1.0 NW	Onslow	3.73
Jacksonville 5.4 WSW	Onslow	3.46
Jacksonville 4.5 NW	Onslow	3.25
Sneads Ferry 3.3 SW	Onslow	3.13
Holly Ridge 3.7 E	Onslow	2.71
Swansboro 1.2 NNW	Onslow	2.64
Lowland 0.2 SE	Pamlico	5.91
Oriental 4.3 NNW	Pamlico	4.25
Merritt 1.5 WSW	Pamlico	4.09
Oriental 2.1 WSW	Pamlico	4.08
Oriental 1.8 WNW	Pamlico	2.67
Fountain 0.1 NE	Pitt	5.17
Greenville 5.7 NW	Pitt	3.55
Greenville 7.1 SSE	Pitt	2.40
Winterville 2.5 NNW	Pitt	2.33
Winterville 3.5 W	Pitt	2.11
Greenville 2.8 S	Pitt	1.72
Greenville 5.0 SE	Pitt	1.67

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

