

North Carolina Weather & Crops Report

Released: July 30, 2018



CROP SUMMARY FOR THE WEEK OF JULY 29, 2018

DAYS SUITABLE FOR FIELD WORK

| This Week | Last Week | Last Year | 5-Year Avg. |
|-----------|-----------|-----------|-------------|
| 4.5 | 6.2 | 6.1 | 5.7 |

SOIL MOISTURE PERCENT

| | VS | ST | A | SS |
|------------------|----|----|----|----|
| Topsoil Moisture | 7 | 24 | 57 | 12 |
| Subsoil Moisture | 8 | 28 | 55 | 9 |

VS= Very Short ST = Short A = Adequate SS = Surplus

CROP PROGRESS PERCENT – WITH COMPARISONS

| | This Week | Last Week | Last Year | 5 Yr. Avg. |
|-----------------------|-----------|-----------|-----------|------------|
| PHENOLOGICAL: | | | | |
| Soybeans Blooming | 57 | 49 | 64 | 52 |
| Soybeans Setting Pods | 29 | 21 | 39 | 28 |
| Corn Silking | 97 | 94 | 98 | 97 |
| Corn Dough | 77 | 63 | 84 | 81 |
| Corn Dent | 38 | 23 | 53 | 47 |
| Cotton Squaring | 94 | 86 | 94 | 94 |
| Cotton Setting Bolls | 62 | 43 | 65 | 69 |
| Peanuts Pegging | 89 | 77 | 91 | 89 |
| HARVESTED: | | | | |
| Hay: Second Cutting | 62 | 51 | 62 | 57 |
| Peaches | 49 | 40 | 60 | 60 |
| Tobacco: Flue-cured | 17 | 11 | 21 | 18 |

CROP CONDITION PERCENT

| | VP | P | F | G | EX |
|---------------------|----|----|----|----|----|
| Apples | 0 | 15 | 37 | 48 | 0 |
| Corn | 9 | 28 | 34 | 26 | 3 |
| Cotton | 1 | 14 | 38 | 44 | 3 |
| Hay | 3 | 14 | 40 | 39 | 4 |
| Pasture | 4 | 16 | 41 | 35 | 4 |
| Peaches | 0 | 15 | 22 | 62 | 1 |
| Peanuts | 0 | 2 | 45 | 51 | 2 |
| Sorghum | 3 | 12 | 39 | 44 | 2 |
| Soybeans | 2 | 9 | 36 | 47 | 6 |
| Sweet Potatoes | 0 | 5 | 45 | 48 | 2 |
| Tobacco: Burley | 1 | 4 | 42 | 51 | 2 |
| Tobacco: Flue-cured | 4 | 12 | 35 | 44 | 5 |

VP = Very Poor P = Poor F = Fair G = Good EX = Excellent

Rain showers this week had hindered field work, but have really helped crops. Corn and pastures are looking very good. Should have a good second cutting of hay.

Julia Houck – Ashe-Alleghany Co FSA

Weather has been over this period with less rainfall and some drying. Nearly .50" across counties with near normal temperatures.

Robert Hawk – Swain County Extension

The week started off wet here, with some areas receiving much needed rain. In general, soybeans look pretty good throughout the county. Corn is hit or miss.

Stephen Bishop – Cleveland SWCD

Recent rains have improved conditions for most crops, however, there are isolated areas that have received too much rain, negatively affecting tobacco.

Don Nicholson – Agronomist Region 7

Recent rains have been very good for all crops.

Kathy Herring – Central Crops Research

Franklin County is finally receiving much needed rains. For some fields of tobacco and corn it is too late. Pastures should rebound a little from the much needed moisture. Soybeans are also looking better.

Charles Mitchell - Franklin County Extension

Some rains but spotty. Heat has return putting stress on crops.

Gary Cross – Person County Extension

A few scattered afternoon thunderstorms affected parts of the county but overall it was a relatively dry week with near average temperatures.

Stanley Holloway - Yancey County Extension

Several storms over the past week have brought much needed rain to county

Tim Britton – Johnston County Extension

Intense rainfall along the coastal areas of production with growers reporting 8-16 inches of rainfall. Other areas reporting 4-8 inches of rainfall. No field work possible this week. Concern of potential boll or pod abortion due to adverse weather conditions common for cotton and soybean producers.

Mike Carroll - Carteret County Extension

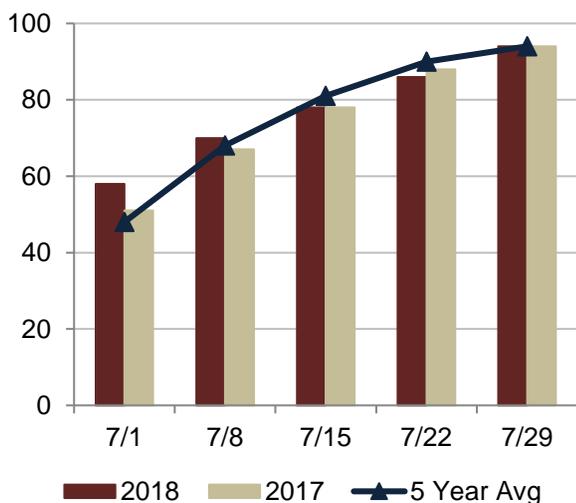
Growers reporting weekly total rainfall between 5"-15" depending upon location. Excessive soil saturation prevented all field work. Remarkable, crops currently withstanding wet soil conditions. Continued rainfall likely to result in increased pests simply due to inability to apply fungicides to peanuts, apply herbicides to soybean and plant growth regulators to cotton. Black light catches of corn earworm and stinkbugs increasing.

Mike Carroll - Craven County Extension

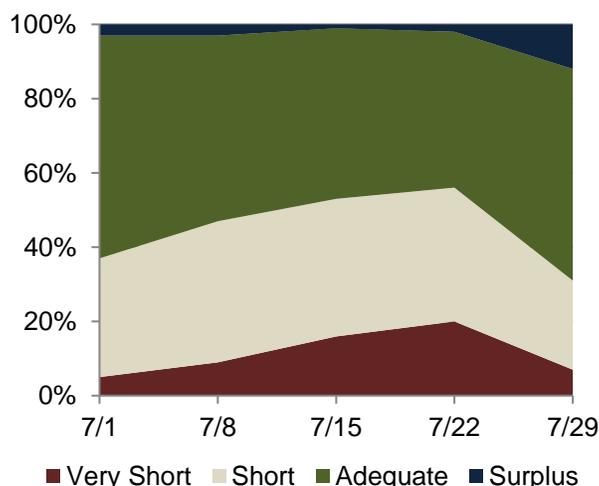
Excessive rains continued all week with much of the same expected next week. Corn is close to black layer, but harvest of early plantings will be delayed due to wetness. Soybean will yet again be set back by extreme wetness.

Daniel Simpson – Pamlico County Extension

COTTON PERCENT SQUARING



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK OF JULY 29, 2018

| Location | Precipitation (Inches) ¹ | | | | Temperature (Degrees F.) | | | | |
|-----------------|-------------------------------------|-----------------------|--------------|-----------------------|--------------------------|-----|------|-----------------------|-------------------|
| | This Week | | Year to Date | | This Week | | | | |
| | Total | Departure from Normal | Total | Departure from Normal | High | Low | Avg. | Departure from Normal | Degree Days (YTD) |
| ASHEBORO 2 W | 1.10 | 0.15 | 29.32 | 2.98 | 90 | 66 | 76 | -2 | 2318 |
| ASHEVILLE AIRPO | 1.77 | 0.81 | 44.59 | 17.66 | 85 | 64 | 71 | -3 | 2193 |
| BURLINGTON ALAM | 0.71 | -0.27 | 26.84 | 0.16 | 93 | 68 | 77 | -2 | 2684 |
| CHARLOTTE | 2.02 | 1.11 | 29.34 | 5.24 | 92 | 65 | 78 | -1 | 2803 |
| CLAYTON WTP | 1.06 | -0.28 | 29.81 | 3.28 | 90 | 67 | 78 | -1 | 2446 |
| CLINTON 2 NE | 1.64 | 0.18 | 26.69 | -1.15 | 92 | 69 | 79 | -1 | 2610 |
| ELIZABETH CITY | 4.82 | 3.46 | 41.98 | 15.05 | 89 | 72 | 78 | -1 | 2675 |
| ERWIN AP | 2.39 | 0.90 | 35.28 | 7.25 | 90 | 71 | 77 | -2 | 2789 |
| FAYETTEVILLE RE | 2.86 | 1.42 | 25.03 | -0.54 | 94 | 72 | 79 | -3 | 2912 |
| GASTONIA MUNICI | 1.45 | 0.67 | 31.08 | 5.53 | 91 | 67 | 75 | -3 | 2756 |
| GOLDSBORO | 6.79 | 5.36 | 26.65 | -0.54 | 92 | 71 | 77 | -3 | 2798 |
| GREENSBORO AP | 1.05 | -0.01 | 30.36 | 5.77 | 91 | 67 | 76 | -3 | 2574 |
| GREENVILLE | 5.48 | 4.14 | 35.72 | 8.16 | 91 | 70 | 79 | -1 | 2796 |
| HICKORY FAA AIR | 0.27 | -0.76 | 35.49 | 8.04 | 90 | 64 | 75 | -3 | 2440 |
| JEFFERSON 2 E | 0.98 | -0.53 | 37.74 | 5.22 | 84 | 56 | 69 | -1 | 1562 |
| KINSTON AG RESE | 1.57 | 0.27 | 24.00 | -3.93 | 90 | 68 | 76 | -5 | 2541 |
| LAURINBURG MAXT | 1.44 | 0.36 | 29.82 | 7.43 | 93 | 73 | 78 | -3 | 2870 |
| MOUNT AIRY 2 W | 1.30 | 0.21 | 33.23 | 5.03 | 88 | 61 | 73 | -2 | 2091 |
| NEW BERN | 7.33 | 5.82 | 43.55 | 13.84 | 85 | 70 | 77 | -4 | 2603 |
| NORTH WILKESBOR | 0.37 | -0.67 | 35.03 | 5.37 | 90 | 65 | 76 | 0 | 2334 |
| OXFORD AG | 0.43 | -0.66 | 31.14 | 5.19 | 90 | 66 | 77 | -2 | 2167 |
| RALEIGH AP | 1.46 | 0.36 | 29.47 | 4.52 | 92 | 69 | 77 | -3 | 2674 |
| REIDSVILLE 2 NW | 1.96 | 0.86 | 27.63 | -0.08 | 91 | 65 | 76 | -1 | 2398 |
| ROANOKE RAPIDS | 2.05 | 0.85 | 28.82 | 2.30 | 92 | 69 | 79 | 0 | 2542 |
| ROBBINSVILLE AG | 0.62 | -0.66 | 36.55 | -1.20 | 82 | 58 | 69 | -4 | 1799 |
| ROCKINGHAM | 1.13 | -0.24 | 29.43 | 1.84 | 95 | 68 | 82 | 2 | 2820 |
| ROXBORO 7 ESE | 0.44 | -0.66 | 23.70 | -2.66 | 88 | 64 | 74 | -3 | 1918 |
| SOUTHERN PINES | 0.61 | -0.58 | 37.10 | 10.77 | 91 | 70 | 77 | -2 | 2738 |
| STATESVILLE 2 N | 2.60 | 1.69 | 32.25 | 6.24 | 90 | 63 | 75 | -1 | 2359 |
| TARBORO 1 S | 3.38 | 2.21 | 22.06 | -3.29 | 91 | 70 | 78 | -1 | 2412 |
| VALE AG 2 SW | 1.71 | 0.73 | 35.18 | 7.89 | 90 | 65 | 76 | -2 | 2396 |
| WALLACE 1SE | 4.93 | 3.44 | 38.93 | 8.49 | 90 | 70 | 79 | -1 | 2535 |
| WASHINGTON | 5.31 | 3.96 | 32.87 | 4.71 | 87 | 66 | 75 | -6 | 2480 |
| WAYNESVILLE 1 E | 0.09 | -0.78 | 29.90 | 1.10 | 82 | 56 | 68 | -3 | 1744 |
| WHITEVILLE 7 NW | 2.00 | 0.60 | 25.26 | -2.52 | 91 | 68 | 79 | -1 | 2676 |
| WILLIAMSTON 1 E | 7.01 | 5.68 | 36.77 | 9.15 | 90 | 71 | 79 | 0 | 2657 |
| WILMINGTON INTL | 7.68 | 5.85 | 58.87 | 27.81 | 89 | 71 | 77 | -4 | 2874 |
| WILSON 3 SW | 1.16 | -0.09 | 27.74 | 0.42 | 92 | 70 | 78 | -2 | 2668 |
| WINSTON SALEM R | 0.50 | -0.77 | 32.23 | 5.05 | 90 | 68 | 75 | -4 | 2593 |

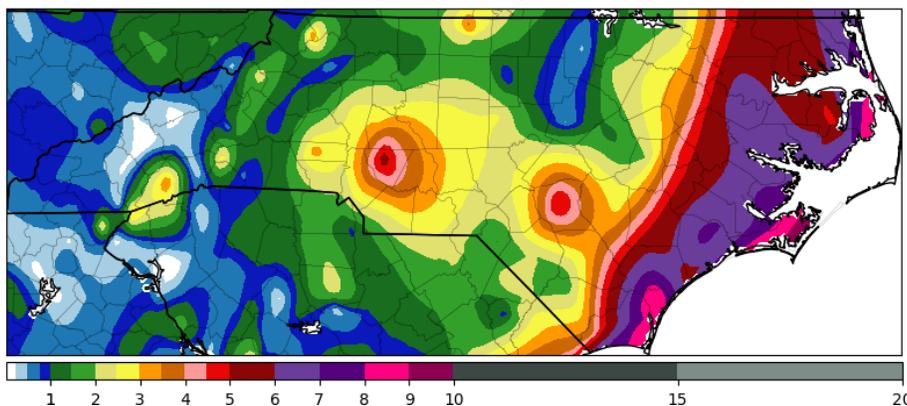
¹Effective October 15, 2017 the weather data source has been changed. The basic format of the data tables has not changed, but the data content will be based on newer historical datasets used for average calculations and changes in methodology subroutines for missing data.
¹Precipitation (rain or melted snow/ice) NOAA Regional Climate Centers data.

PRECIPITATION SUMMARY

Map depicts accumulations through dates listed. This product is made possible by Clear Science, Inc.

North Carolina Region

Precipitation Accumulation (Inches)
2018-07-23 - 2018-07-29



US DROUGHT MONITOR OF NORTH CAROLINA

<http://www.ncdrought.org/>

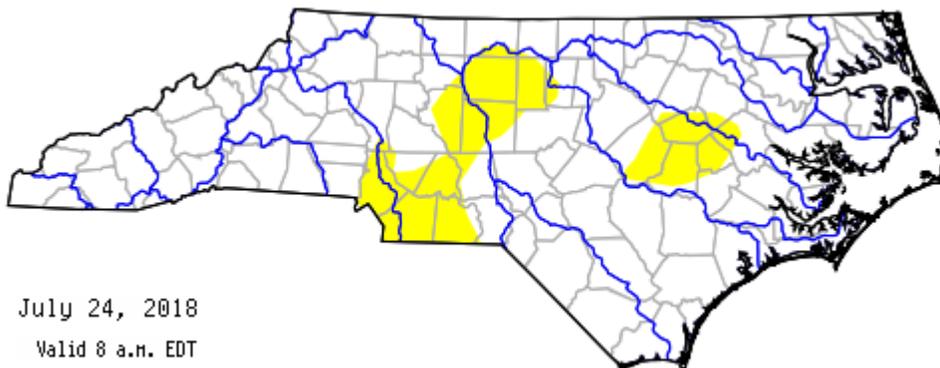
The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

July 24, 2018

Valid 8 a.m. EDT



County Boundaries Major River Basins ([View Map](#))
S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
L = Long-Term, typically >6 months (e.g. hydrology, ecology)