

North Carolina Weather & Crops Report

Released: June 25, 2018



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North Carolina
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CROP SUMMARY FOR THE WEEK OF JUNE 24, 2018

DAYS SUITABLE FOR FIELD WORK

| This Week | Last Week | Last Year | 5-Year Avg. |
|-----------|-----------|-----------|-------------|
| 5.6 | 5.8 | 4.6 | 5.2 |

SOIL MOISTURE PERCENT

| | VS | ST | A | SS |
|------------------|----|----|----|----|
| Topsoil Moisture | 5 | 29 | 54 | 12 |
| Subsoil Moisture | 4 | 16 | 70 | 10 |

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

CROP PROGRESS PERCENT – WITH COMPARISONS

| | This Week | Last Week | Last Year | 5 Yr. Avg. |
|----------------------|-----------|-----------|-----------|------------|
| PLANTED: | | | | |
| Sorghum | 90 | 82 | 93 | 70 |
| Soybeans | 89 | 79 | 88 | 82 |
| Sweet Potatoes | 86 | 75 | 87 | 82 |
| Tobacco: Burley | 86 | 75 | 82 | 90 |
| PHENOLOGICAL: | | | | |
| Soybean Emerged | 78 | 66 | 77 | 71 |
| Corn Silking | 47 | 23 | 56 | 51 |
| Cotton Squaring | 38 | 15 | 37 | 30 |
| Peanuts Pegging | 18 | n/a | 16 | 15 |
| HARVESTED: | | | | |
| Barley | 77 | 65 | 87 | 72 |
| Hay: First Cutting | 95 | 91 | 94 | 95 |
| Hay: Second Cutting | 11 | n/a | n/a | 14 |
| Oats | 70 | 55 | 88 | 71 |
| Peaches | 17 | n/a | 19 | 16 |
| Wheat | 75 | 53 | 80 | 71 |

CROP CONDITION PERCENT

| | VP | P | F | G | EX |
|---------------------|----|----|----|----|----|
| Apples | 0 | 11 | 31 | 57 | 1 |
| Corn | 4 | 14 | 31 | 45 | 6 |
| Cotton | 4 | 10 | 23 | 53 | 10 |
| Hay | 1 | 13 | 45 | 37 | 4 |
| Oats | 0 | 2 | 23 | 74 | 1 |
| Pasture | 1 | 7 | 37 | 52 | 3 |
| Peaches | 0 | 11 | 24 | 60 | 5 |
| Peanuts | 1 | 3 | 23 | 59 | 14 |
| Sorghum | 0 | 3 | 39 | 54 | 4 |
| Soybeans | 2 | 7 | 37 | 47 | 7 |
| Sweet Potatoes | 0 | 3 | 30 | 65 | 2 |
| Tobacco: Burley | 1 | 2 | 46 | 41 | 10 |
| Tobacco: Flue-cured | 2 | 6 | 25 | 60 | 7 |
| Wheat | 1 | 3 | 25 | 57 | 14 |

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

Despite the flooding in the north and western parts of the county the majority of our producers are experiencing extremely dry conditions. The farms that were flooded are assessing their damage and reporting their losses but it is great weather for making hay! **Janice Nicholson – FSA Rutherford County** Soil moisture is "Wet" with 1"+/- across Jackson and Swain counties due to widespread afternoon Thunderstorms, some fairly strong with heavy rain. Temperatures have been slightly above average. Corn is about "Thigh High."

Robert Hawk – Swain County Extension

Some areas have received adequate rainfall while other areas have not, crop conditions are definitely showing the effects of the dry conditions and high temperatures.

Don Nicholson – Agronomist Region 7

We are receiving hit and miss showers across the county with some downpours and wind damage. Our small grain yields were slightly lower than expected. Small grain harvest should come to an end this week.

Charles Mitchell – Franklin County Extension

Much of the county has been without rain for approximately 4 weeks. Very hot and dry.

Paige Burns - Richmond County Extension

Wet weather continues to delay field work and injure crops. Replanting of soybeans continues over many acres.

Daniel Simpson – Pamlico County Extension

Excessive heat stressing plants wheat harvest continues but low test weight due to too much rain. Soybeans stresses due to heat, corn is doing better but still yield reduced, Tobacco is stressed due to target spot and shallow roots.

Gary Cross – Person County Extension

Scattered afternoon rain showers and storms brought mainly light precipitation over most of the county. Most areas of the county received less than 1" for the week. Topsoil conditions are dry in much of the county. This combined with shallow rooting of crops due to excessive moisture earlier is causing some crop wilting during the hotter parts of the day. Most of the corn crop planted, as well as majority of vegetable crops. Only limited progress was made with hay harvest due to the unpredictability of the forecast. First cutting hay quality is dropping due to over maturity.

Stanley Holloway - Yancey County Extension

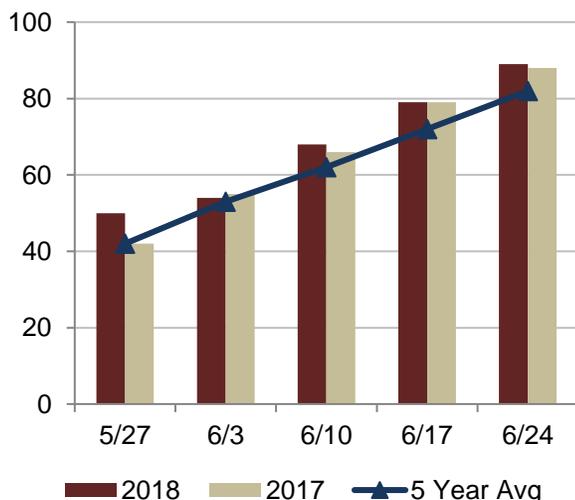
A dry week of weather allowed farmers to catch up and finish wheat harvest. Yields were good but because of the rain 8%-10% shattered in the field and could not be harvested. Soybean harvest is catching back up from a month long rain delay. Corn looks better but the impact of prolonged rain starting in May will prevent a lot of it to not set an ear.

Mark Seitz/Tim Matthews – Pender County Ext

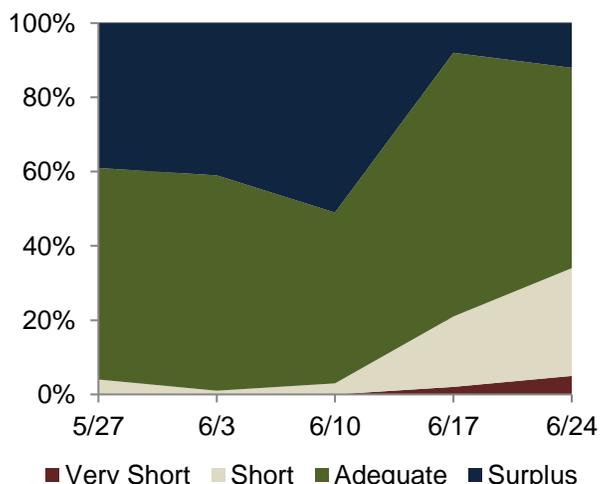
Hit and miss rains throughout the week have created ranges of soil moisture with some crops looking good and other areas really dry. Corn in some areas is showing some signs of drought stress with recent high temps. Wheat harvest is wrapping up and soybean planting continues.

Mac Malloy – Robeson County Extension

SOYBEANS PERCENT PLANTED



TOPSOIL MOISTURE PERCENT



Important Notice: The precipitation & temperature summary table and accompanying Map below may be discontinued due to budget constraints. Please email Dee Webb at the North Carolina Field Office dee.webb@nass.usda.gov with comments regarding this issue.

WEATHER SUMMARY FOR THE WEEK OF JUNE 24, 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 | 0.03 | -0.89 | 24.36 | 2.53 | 95 | 68 | 82 | 6 | 1350 |
| ASHEVILLE AIRPO | 0.17 | -0.93 | 37.59 | 15.64 | 90 | 63 | 76 | 4 | 1328 |
| BURLINGTON ALAM | 0.77 | -0.16 | 25.25 | 3.76 | 96 | 70 | 81 | 5 | 1675 |
| CHARLOTTE | 0.84 | -0.02 | 23.52 | 3.48 | 96 | 71 | 82 | 5 | 1750 |
| CLAYTON WTP | 2.27 | 1.36 | 22.49 | 1.58 | 95 | 71 | 82 | 5 | 1527 |
| CLINTON 2 NE | 0.06 | -1.04 | 19.20 | -2.12 | 97 | 67 | 84 | 6 | 1570 |
| ELIZABETH CITY | 5.87 | 4.87 | 32.15 | 11.34 | 95 | 73 | 80 | 3 | 1676 |
| ERWIN AP | 0.75 | -0.34 | 25.77 | 4.45 | 98 | 73 | 83 | 5 | 1722 |
| FAYETTEVILLE RE | 0.18 | -0.84 | 17.26 | -1.84 | 98 | 75 | 83 | 4 | 1840 |
| GASTONIA MUNICI | 0.37 | -0.51 | 26.79 | 5.70 | 96 | 70 | 81 | 5 | 1724 |
| GOLDSBORO | 0.33 | -0.51 | 16.69 | -4.70 | 100 | 74 | 83 | 4 | 1755 |
| GREENSBORO AP | 0.84 | -0.04 | 25.06 | 5.34 | 95 | 70 | 80 | 4 | 1589 |
| GREENVILLE | 0.78 | -0.17 | 28.02 | 6.23 | 96 | 73 | 84 | 6 | 1716 |
| HICKORY FAA AIR | 0.12 | -0.81 | 30.84 | 8.31 | 92 | 69 | 79 | 3 | 1499 |
| JEFFERSON 2 E | 0.86 | 0.19 | 34.62 | 7.76 | 89 | 57 | 71 | 4 | 882 |
| KINSTON AG RESE | 0.27 | -0.95 | 22.33 | 0.63 | 96 | 72 | 83 | 4 | 1528 |
| LAURINBURG MAXT | 4.15 | 3.29 | 26.31 | 9.00 | 98 | 73 | 81 | 3 | 1797 |
| MOUNT AIRY 2 W | 0.88 | -0.18 | 29.44 | 6.91 | 93 | 63 | 78 | 5 | 1228 |
| NEW BERN | 3.17 | 2.10 | 30.73 | 7.74 | 95 | 71 | 80 | 2 | 1636 |
| NORTH WILKESBOR | 0.72 | -0.38 | 30.18 | 5.82 | 94 | 65 | 79 | 5 | 1407 |
| OXFORD AG | 2.71 | 1.82 | 27.24 | 6.46 | 93 | 68 | 79 | 3 | 1256 |
| RALEIGH AP | 0.48 | -0.32 | 23.81 | 3.97 | 95 | 71 | 82 | 4 | 1663 |
| REIDSVILLE 2 NW | 1.33 | 0.39 | 23.03 | 0.60 | 95 | 68 | 82 | 6 | 1418 |
| ROANOKE RAPIDS | 3.19 | 2.31 | 23.30 | 2.05 | 97 | 72 | 83 | 6 | 1549 |
| ROBBINSVILLE AG | 2.09 | 1.02 | 32.02 | 1.85 | 84 | 62 | 71 | 0 | 1046 |
| ROCKINGHAM | 0.78 | -0.41 | 24.97 | 4.17 | 98 | 71 | 82 | 4 | 1757 |
| ROXBORO 7 ESE | 2.15 | 1.27 | 19.92 | -1.49 | 91 | 68 | 78 | 4 | 1042 |
| SOUTHERN PINES | 3.58 | 2.57 | 24.55 | 3.80 | 98 | 72 | 82 | 5 | 1730 |
| STATESVILLE 2 N | 0.75 | -0.24 | 27.17 | 5.85 | 95 | 66 | 80 | 6 | 1417 |
| TARBORO 1 S | 2.17 | 1.30 | 17.96 | -2.33 | 97 | 71 | 83 | 6 | 1431 |
| VALE AG 2 SW | 0.30 | -0.63 | 30.46 | 7.63 | 94 | 65 | 79 | 4 | 1452 |
| WALLACE 1SE | 0.24 | -1.06 | 28.47 | 4.67 | 96 | 67 | 84 | 7 | 1535 |
| WASHINGTON | 0.88 | -0.10 | 25.69 | 3.44 | 94 | 71 | 82 | 3 | 1512 |
| WAYNESVILLE 1 E | 0.64 | -0.32 | 26.53 | 1.96 | 87 | 59 | 72 | 4 | 940 |
| WHITEVILLE 7 NW | 0.68 | -0.32 | 19.81 | -2.03 | 94 | 72 | 83 | 5 | 1644 |
| WILLIAMSTON 1 E | 2.76 | 1.62 | 28.97 | 7.23 | 96 | 70 | 82 | 5 | 1534 |
| WILMINGTON INTL | 1.78 | 0.56 | 38.92 | 15.96 | 97 | 74 | 84 | 4 | 1844 |
| WILSON 3 SW | 0.44 | -0.51 | 22.30 | 0.80 | 98 | 65 | 84 | 5 | 1630 |
| WINSTON SALEM R | 1.44 | 0.51 | 25.88 | 4.09 | 95 | 69 | 82 | 5 | 1625 |

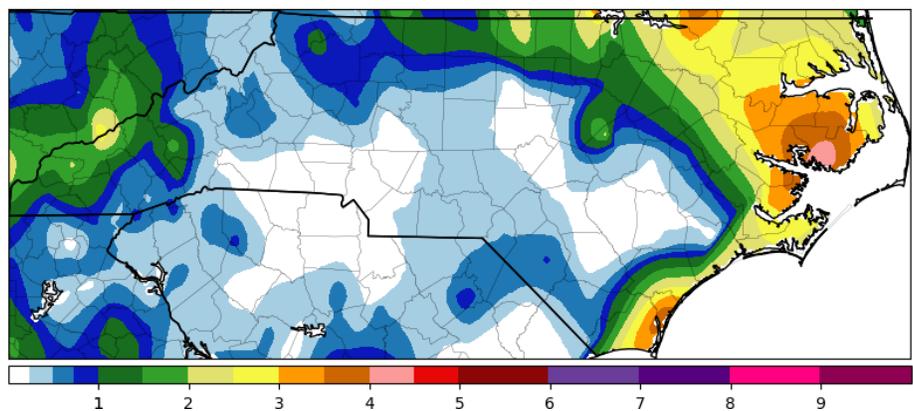
*Effective October 15, 2017 the weather data source has been changed. The basic format of the data tables has not changed, but the data content will be based on newer historical datasets used for average calculations and changes in methodology subroutines for missing data.
¹Precipitation (rain or melted 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)
2018-06-18 - 2018-06-24



US DROUGHT MONITOR OF NORTH CAROLINA

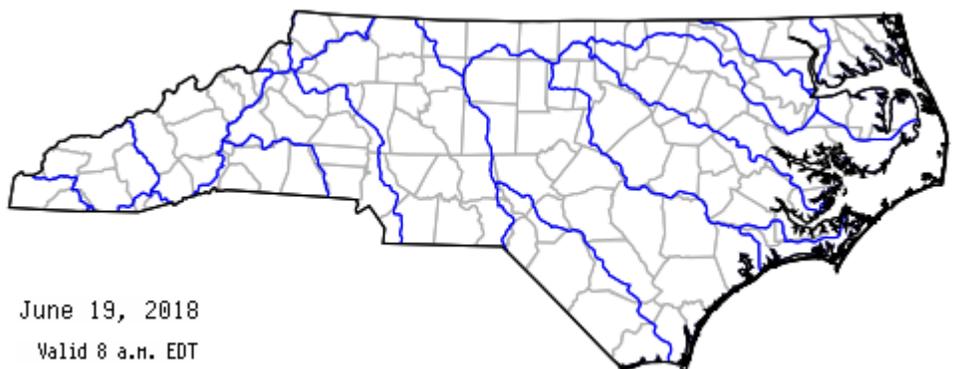
<http://www.ncdrought.org/>

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

June 19, 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)