

North Carolina Weather & Crops Report

Released: May 28, 2019



CROP SUMMARY FOR THE WEEK ENDING MAY 26, 2019

DAYS SUITABLE FOR FIELD WORK

| This Week | Last Week | Last Year | 5-Year Avg. |
|-----------|-----------|-----------|-------------|
| 6.8 | 6.1 | 3.7 | 5.1 |

SOIL MOISTURE PERCENT

| | VS | ST | A | SS |
|------------------|----|----|----|----|
| Subsoil Moisture | 13 | 37 | 49 | 1 |
| Topsoil Moisture | 21 | 39 | 39 | 1 |

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

CROP PROGRESS PERCENT – WITH COMPARISONS

| | This Week | Last Week | Last Year | 5 Yr. Avg. |
|----------------------|-----------|-----------|-----------|------------|
| PLANTED: | | | | |
| Corn | 95 | 93 | 98 | 97 |
| Cotton | 74 | 52 | 67 | 74 |
| Peanuts | 66 | 45 | 66 | 67 |
| Sorghum | 31 | 20 | 27 | 28 |
| Soybeans | 52 | 36 | 48 | 45 |
| Sweet Potatoes | 35 | 18 | 32 | 26 |
| Tobacco: Flue-cured | 87 | 79 | 91 | 92 |
| Tobacco : Burley | 17 | 16 | 28 | 44 |
| PHENOLOGICAL: | | | | |
| Barley Headed | 96 | 90 | 94 | 93 |
| Corn Emerged | 89 | 80 | 93 | 92 |
| Soybeans Emerged | 37 | 18 | 33 | 27 |
| Wheat Headed | 92 | 90 | 97 | 98 |
| HARVESTED: | | | | |
| Hay: First Cutting | 71 | 56 | 58 | 58 |

CROP CONDITION PERCENT

| | VP | P | F | G | EX |
|---------------------|----|----|----|----|----|
| Apples | 1 | 2 | 3 | 93 | 1 |
| Barley | 0 | 3 | 34 | 61 | 2 |
| Corn | 7 | 14 | 34 | 43 | 2 |
| Cotton | 0 | 13 | 40 | 46 | 1 |
| Hay | 0 | 2 | 28 | 65 | 4 |
| Oats | 1 | 4 | 51 | 43 | 2 |
| Pasture | 1 | 10 | 39 | 48 | 2 |
| Peaches | 1 | 4 | 19 | 66 | 11 |
| Peanuts | 0 | 21 | 38 | 40 | 1 |
| Soybeans | 0 | 13 | 39 | 46 | 1 |
| Tobacco: Flue-cured | 0 | 4 | 43 | 52 | 1 |
| Wheat | 7 | 10 | 39 | 38 | 6 |

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

Weather conditions for the week were unseasonably warm and dry. Hay producers took advantage of the conditions and most of the first cutting hay has now been harvested with no rain. Corn planting is nearing completion and vegetable planting is still in full swing. **Stanley Holloway – Yancey County Extension**

Tobacco transplanting continued. Some growers are reporting problems with hot soils drying out the transplants at the soil line, causing damage to the stems. Corn is up and growing, but needs moisture. Soybean planting continued, with most early acres planted. There will be some fields planted through late June, though. Pastures and hay fields are still in good shape, with hay field recovering better than expected considering the heat and dry weather we are experiencing. We have had a few pop-up showers, but no significant rainfall during the week.

Paul Westfall - Granville County Extension

It has quickly become dry. Soybean planting has paused because of lack of moisture. High temps quickly draining available soil reserves. **Tim Hambrick – Surry County Extension**
Extreme dry conditions with no rainfall coupled with unseasonably hot temperatures for this time in May is affecting all crops and delaying some planting. Expected temperatures near 100 most of next week with no expected rainfall will not help crops. Possibly the early stages of a drought.

Walter Adams - Lenoir County Extension

Extremely dry and unusually hot conditions are negatively impacting crops across the region. Soybean stands are variable and are not ideal. Corn is suffering significantly as well as other crops that were recently planted. Wheat has dried rapidly and yields are much less than desirable in most areas.

Georgia Love - Scotland County Extension

Field and pasture conditions are getting very dry. Tobacco crop looks good at this stage.

Brian Parrish - Harnett County Extension

Extremely dry now. Due to wheat weather, wheat was not rooted, and dry weather has reduced yield potential.

Tim Britton - Johnston County Extension

Conditions have gotten very dry and hot, and crops have suffered. Rain and relief from the high temperatures are very much needed across all areas.

Don Nicholson - Wake County Extension

Very dry some stop corn planting soybeans progressing, tobacco under stress some are starting to irrigate.

Gary Cross - Person County Extension

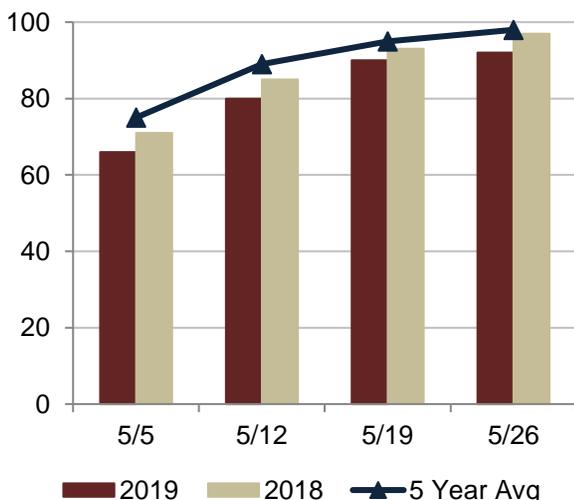
Carteret - Hot, dry conditions limiting planting. Corn suffering greatly. Craven- Lack of soil moisture and extreme heat severely stressing plants. Most farmers have stopped planting due to these conditions. In fact, limited field work has been performed with hopes of conserving moisture.

Mike Carroll – Carteret & Craven County Extension

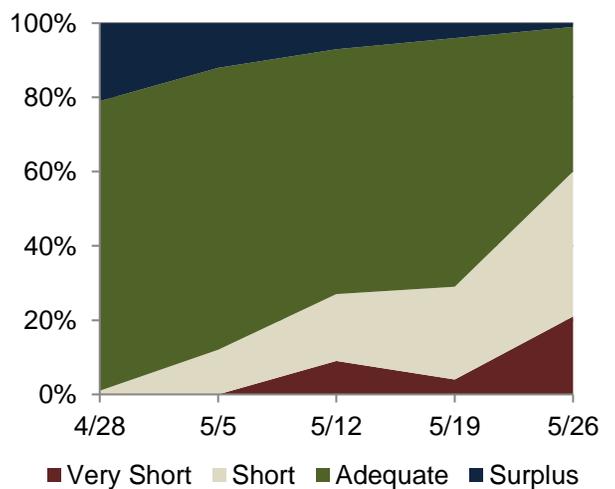
Dry. Dry. Dry. Amazing how fast soils in the county have gone from good moisture conditions to extremely dry. Subsoil moisture depth is dropping quickly. Soybean planting has stopped until rain comes. Soil moisture is adequate for corn to rebound at night but day time temperatures and dry surface conditions are causing wilting and leaf curl. Pastures are in desperate need of rain and fertility. If heat and dry conditions continue hay will be short going into winter 2019-20. The good part about the recent dry weather is hog lagoon free board levels are well below recommended levels. **Mark Seitz – Pender County Extension**

Extremely Dry and Hot. **Jarette Hurry – Bertie County Ext**

WHEAT HEADED PERCENT



TOPSOIL MOISTURE PERCENT



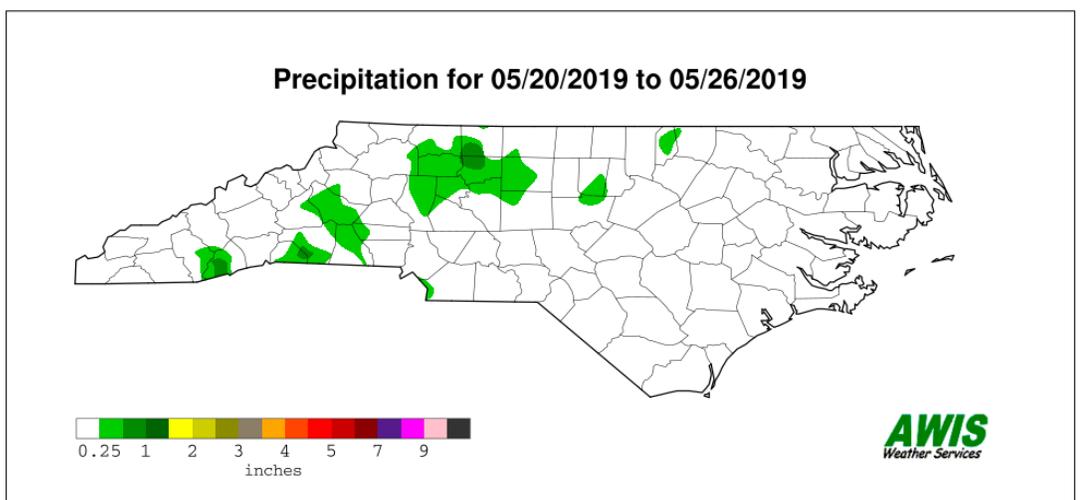
WEATHER SUMMARY FOR THE WEEK ENDING MAY 26, 2019 ¹

| Location | Precipitation (Inches) | | | | Temperature (Degrees F.) | | | | |
|---------------------|------------------------|-----------------------|--------------|-----------------------|--------------------------|-----|------|-----------------------|-------------------|
| | This Month | | Year to Date | | This Month | | | | |
| | Total | Departure from Normal | Total | Departure from Normal | High | Low | Avg. | Departure from Normal | Degree Days (YTD) |
| Asheboro Airport | 0.19 | -0.79 | 13.81 | -4.55 | 92 | 60 | 76 | 8 | 1009 |
| Asheville Municipal | 0.00 | -1.05 | 27.23 | 7.58 | 89 | 54 | 72 | 8 | 846 |
| Boone | 0.02 | -1.10 | 19.19 | -2.9 | 83 | 52 | 67 | 9 | 519 |
| Burlington AP | 0.12 | -0.93 | 19.27 | 1.53 | 96 | 62 | 77 | 9 | 1163 |
| Charlotte | 0.00 | -0.85 | 21.60 | 3.67 | 95 | 62 | 77 | 7 | 1196 |
| Clayton WTP | 0.06 | -0.86 | 21.78 | 3.75 | 93 | 60 | 76 | 6 | 1042 |
| Clinton_2NE | 0.06 | -1.06 | 15.68 | -3.58 | 96 | 61 | 78 | 8 | 1238 |
| Elizabeth City | 0.00 | -1.05 | 17.39 | -1.7 | 96 | 55 | 76 | 7 | 1257 |
| Elizabethtown_NC | 0.03 | -0.88 | 13.78 | -3.79 | 97 | 61 | 80 | 9 | 1415 |
| Erwin_AP | 0.06 | -0.85 | 15.47 | -2.8 | 96 | 63 | 79 | 10 | 1249 |
| Fayetteville_AP | 0.07 | -0.77 | 13.52 | -3.87 | 99 | 61 | 80 | 10 | 1376 |
| Frisco_2NNE | 0.00 | -0.91 | 24.50 | 3.23 | 88 | 63 | 76 | 7 | 1475 |
| Gastonia-Gaston | 0.01 | -0.97 | 21.59 | 2.61 | 96 | 62 | 77 | 8 | 1241 |
| Goldsboro_AFB | 0.18 | -0.73 | 12.94 | -6.24 | 98 | 59 | 78 | 7 | 1330 |
| Greensboro_AP | 0.42 | -0.49 | 19.77 | 2.5 | 93 | 60 | 76 | 8 | 1034 |
| Greenville Airport | 0.06 | -0.99 | 13.64 | -5.12 | 97 | 55 | 77 | 7 | 1244 |
| Hickory | 0.05 | -1.00 | 14.23 | -6.16 | 91 | 58 | 74 | 6 | 934 |
| Jacksonville AP | 0.00 | -0.91 | 10.24 | -8.1 | 98 | 57 | 78 | 7 | 1338 |
| Jacksonville_EOC | 0.00 | -0.91 | 14.16 | -4.18 | 99 | 56 | 76 | 6 | 1341 |
| Jefferson_2E | 0.00 | -1.07 | 20.43 | 1.27 | 87 | 43 | 65 | 6 | 475 |
| Kinston Airport | 0.03 | -0.89 | 13.03 | -5.56 | 97 | 57 | 78 | 6 | 1300 |
| Louisburg | 0.04 | -0.99 | 19.98 | 1.56 | 96 | 58 | 76 | 9 | 1051 |
| Maxton | 0.07 | -0.83 | 15.68 | -2.44 | 99 | 63 | 80 | 8 | 1368 |
| Mt_Airy_2W | 0.20 | -0.78 | 22.47 | 4.18 | 90 | 52 | 71 | 6 | 750 |
| New_Bern | 0.00 | -0.98 | 14.20 | -5.72 | 97 | 59 | 77 | 7 | 1363 |
| North_Wilkesboro | 0.04 | -1.03 | 23.90 | 3.98 | 92 | 54 | 73 | 7 | 900 |
| Oxford_AP | 0.10 | -0.84 | 16.31 | -1.22 | 90 | 53 | 73 | 6 | 860 |
| Raleigh-Durham | 0.05 | -0.84 | 19.65 | 2.15 | 93 | 62 | 77 | 8 | 1097 |
| Reidsville_2NW | 0.03 | -0.95 | 19.31 | 1.67 | 93 | 60 | 74 | 7 | 925 |
| Roanoke_Rap_Dam | 0.12 | -0.86 | 18.14 | -0.02 | 93 | 56 | 76 | 8 | 1048 |
| Robbinsville_AG | 0.00 | -1.12 | 39.22 | 11.08 | 85 | 54 | 70 | 6 | 762 |
| Rockingham | 0.05 | -0.93 | 13.24 | -5.04 | 95 | 63 | 78 | 9 | 1222 |
| Roxboro Airport | 0.13 | -0.78 | 16.58 | -0.49 | 91 | 55 | 74 | 7 | 866 |
| Southern_Pines | 0.04 | -0.87 | 16.14 | -2.1 | 96 | 62 | 78 | 9 | 1237 |
| Statesville_2NNE | 0.34 | -0.73 | 20.32 | 2.02 | 92 | 54 | 73 | 5 | 906 |
| Tarboro_1S | 0.00 | -0.92 | 15.46 | -2.75 | 95 | 59 | 76 | 8 | 1162 |
| Vale_Ag_2SW | 0.33 | -0.76 | 23.34 | 4.19 | 93 | 56 | 74 | 5 | 930 |
| Wadesboro Airport | 0.06 | -0.92 | 16.63 | -2.03 | 95 | 61 | 77 | 6 | 1148 |
| Washington_AP | 0.05 | -1.00 | 14.65 | -3.92 | 97 | 56 | 77 | 8 | 1290 |
| Waynesville_1E | 0.00 | -0.98 | 28.04 | 7.33 | 89 | 46 | 70 | 9 | 666 |
| Whiteville_7NW | 0.00 | -1.12 | 13.63 | -5.16 | 99 | 60 | 79 | 7 | 1334 |

¹ This data is made possible by AWIS Weather Services, Inc. <http://www.awis.com/>

PRECIPITATION SUMMARY

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc. <http://www.awis.com/>

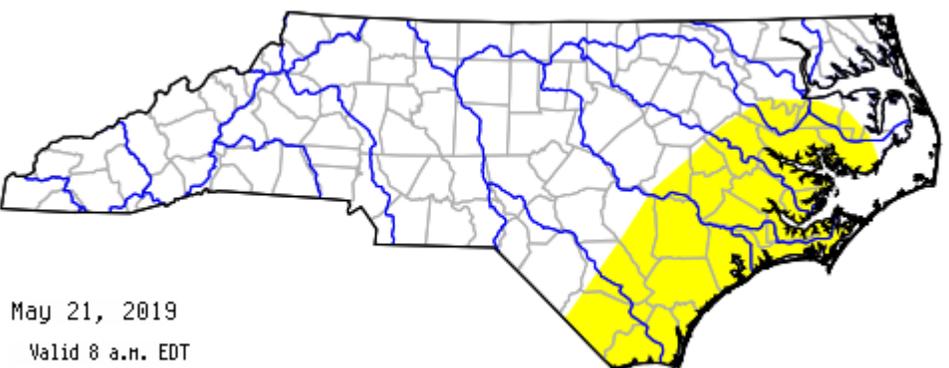


US DROUGHT MONITOR OF NORTH CAROLINA

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

Drought Classifications

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



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)