

# North Carolina Weather & Crops Report

Released October 31, 2016



## CROP SUMMARY FOR THE WEEK ENDING OCTOBER 30, 2016

### DAYS SUITABLE FOR FIELD WORK

| This Week | Last Week | Last Year | 5-Year Avg. |
|-----------|-----------|-----------|-------------|
| 6.5       | 5.9       | 4.0       | 5.2         |

### SOIL MOISTURE PERCENT

|   | VS | ST | A  | SS |
|---|----|----|----|----|
| Topsoil Moisture                                    | 4  | 21 | 63 | 12 |
| Subsoil Moisture                                    | 3  | 14 | 67 | 16 |
| VS= Very Short ST = Short A = Adequate SS = Surplus |    |    |    |    |

### CROP PROGRESS PERCENT – WITH COMPARISONS

|                             | This Week | Last Week | Last Year | 5 Yr. Avg. |
|-----------------------------|-----------|-----------|-----------|------------|
| PHENOLOGICAL:               |           |           |           |            |
| Soybean – Dropping Leaves   | 92        | 84        | 93        | 90         |
| Wheat - Emerged             | 13        | n/a       | 11        | 11         |
| HARVESTED:                  |           |           |           |            |
| Apple                       | 87        | 81        | 87        | 88         |
| Cotton                      | 38        | 20        | 42        | 41         |
| Hay 3 <sup>rd</sup> Cutting | 88        | 82        | 89        | 86         |
| Peanuts                     | 60        | 36        | 59        | 74         |
| Sorghum for Grain           | 78        | 71        | n/a       | n/a        |
| Soybeans                    | 38        | 24        | 33        | 24         |
| Sweet Potato                | 76        | 63        | 70        | 79         |
| Tobacco: Burley             | 93        | 87        | 94        | 97         |
| PLANTED:                    |           |           |           |            |
| Barley                      | 45        | 15        | 36        | 40         |
| Oats                        | 49        | 29        | 46        | 52         |
| Winter Wheat                | 33        | 15        | 29        | 29         |

### CROP CONDITION PERCENT

|  | VP | P  | F  | G  | EX |
|--|----|----|----|----|----|
| Cotton   | 11 | 19 | 32 | 34 | 4  |
| Pasture  | 8  | 26 | 34 | 28 | 4  |
| Peanut   | 4  | 10 | 29 | 49 | 8  |
| Soybean  | 7  | 10 | 35 | 41 | 7  |
| VP = Very Poor P = Poor F = Fair G = Good EX = Excellent |    |    |    |    |    |

Producers are still waiting for rain before planting wheat while livestock producers are watching cattle prices plummet as our drought continues. Many are faced with decisions of selling their cows now or waiting. **Janice Nicholson – Rutherford County**

Another dry week with only a trace of rain over parts of the county. Temperatures rebounded after last week frost with highs in the mid-upper 70's. The warm temperatures combined with the very dry conditions and falling leaves are concerns for increased wildfire risk. The warm temperatures are also a concern for Christmas tree producers as needle retention could be a problem once harvest starts in a week or so. Pastures continue to decline and livestock producers are concerned if they will have enough hay to get them through the winter. Many have been forced to reduce animal numbers already due to lack of forage.

**Stanley Holloway – Yancey County Extension**

We have not had any measurable rain since Hurricane Matthew. Topsoil moisture is depleting. We need some rain for seed germination. **Charles Mitchell – Franklin County Extension**

Extremely dry weather conditions continue to impact growers, especially livestock producers. Most cover crops have not germinated due to the lack of rain.

**Ethan Henderson – Henderson County Extension**

The recent storm did damage to crops still in the field. The cotton crop appears to have suffered greatly. There is a large amount of cotton on the ground. – **Cathy Herring – Central Crops Station**

Tobacco harvest has finished up. Corn is almost finished. Soybeans are being harvested not done harvesting. Weather has been great! **Gary Cross - Person County Extension**

Angular leafspot in tobacco affected all growers this year. It happened very quickly in midsummer, while harvest was underway. Other than accelerating harvest, little could be done to mitigate the damage, which caused losses of between 5 and 20 percent for individual growers.

**Taylor Williams – Moore County Extension**

Recent dry conditions are allowing for the harvesting of corn and soybeans. Famers are also planting wheat. Cabbage harvest has started. **Al Wood – Pasquotank County Extension**

Good weather has allow soybean harvest to continue uninterrupted. Little wheat will be planted.

**Daniel Simpson - Pamlico County Extension**

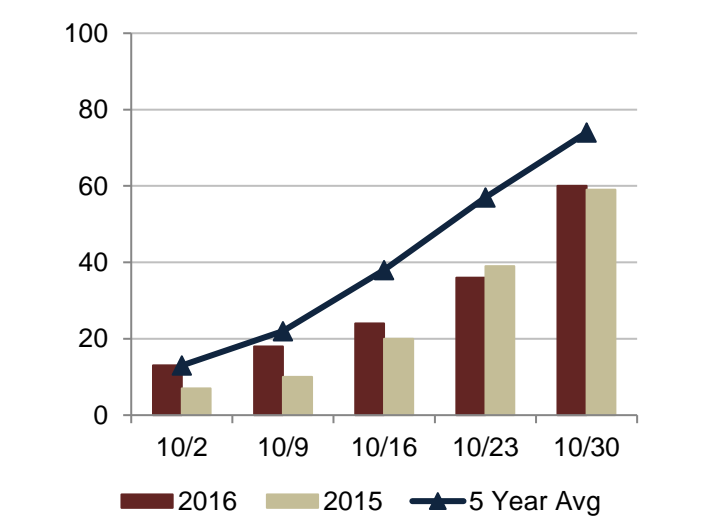
Cotton crop losses due to Hurricane Mitchell are significant. Most farmers estimate 125-175 pounds of lint were lost.

**Randy Wood – Scotland County Extension**

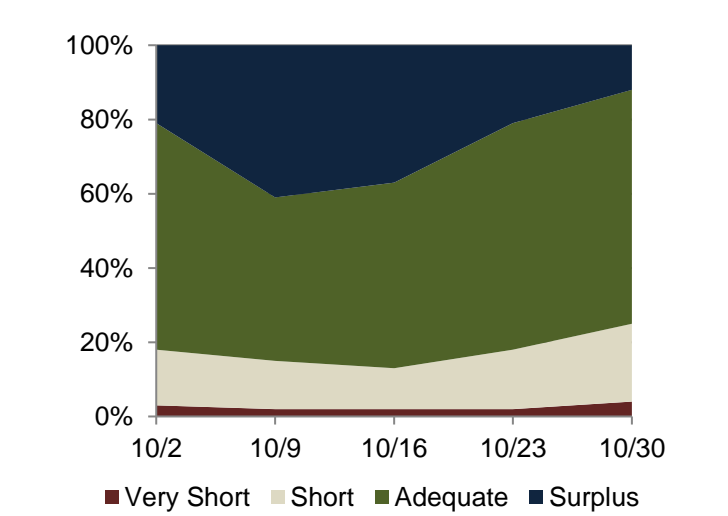
Dry weather continues helping farmers move through a significant amount of soybean acreage. Quality and yields have been average or slightly better.

**Mark Seitz – Pender County Extension**

### PEANUTS PERCENT HARVESTED



### TOPSOIL MOISTURE PERCENT

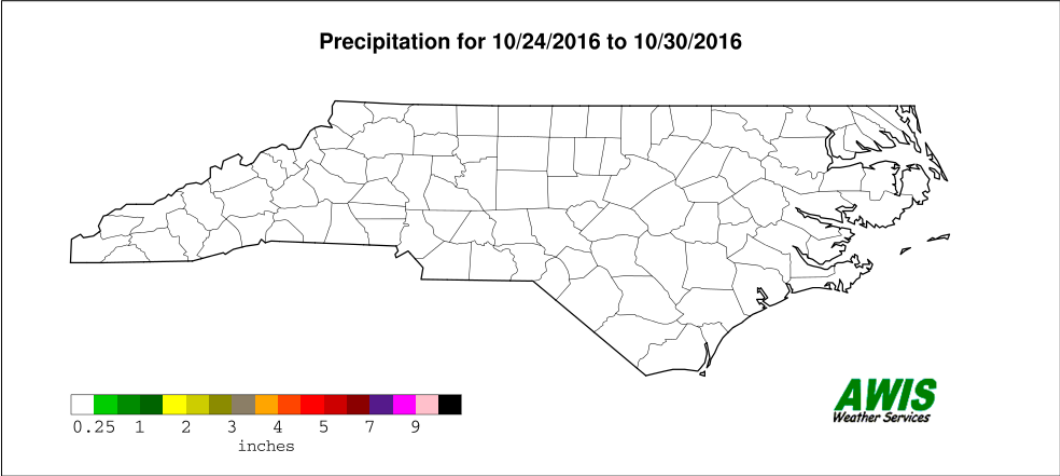


| WEATHER SUMMARY FOR THE WEEK ENDING OCTOBER 30, 2016 |                                     |                       |              |                       |                          |     |      |                       |                   |
|--|-------------------------------------|-----------------------|--------------|-----------------------|--------------------------|-----|------|-----------------------|-------------------|
| Location   | Precipitation (Inches) <sup>1</sup> |                       |              |                       | 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   | 0.00                                | -0.77                 | 37.70        | -2.51                 | 81                       | 39  | 61   | 5                     | 4706              |
| Asheville  | 0.00                                | -0.77                 | 29.55        | -10.30                | 81                       | 36  | 58   | 7                     | 4079              |
| Burlington   | 0.01                                | -0.69                 | 36.36        | -2.59                 | 79                       | 37  | 59   | 3                     | 4727              |
| Charlotte  | 0.00                                | -0.78                 | 30.03        | -6.94                 | 81                       | 37  | 61   | 3                     | 5129              |
| Clayton  | 0.01                                | -0.67                 | 50.96        | 11.60                 | 76                       | 39  | 58   | 2                     | 4555              |
| Clinton  | 0.00                                | -0.63                 | 53.67        | 10.61                 | 80                       | 39  | 60   | 2                     | 4949              |
| Dunn   | 0.04                                | -0.60                 | 47.19        | 5.16                  | 82                       | 40  | 62   | 6                     | 5015              |
| Elizabeth City                                       | 0.00                                | -0.56                 | 50.50        | 9.51                  | 77                       | 42  | 60   | 1                     | 4830              |
| Fayetteville   | 0.00                                | -0.63                 | 52.10        | 11.35                 | 82                       | 41  | 64   | 6                     | 5496              |
| Gastonia-Gaston                                      | 0.00                                | -0.77                 | 28.46        | -9.61                 | 82                       | 42  | 62   | 6                     | 5127              |
| Goldsboro  | 0.00                                | -0.63                 | 63.68        | 20.39                 | 80                       | 40  | 63   | 4                     | 5307              |
| Greensboro   | 0.00                                | -0.67                 | 37.17        | 0.05                  | 80                       | 41  | 61   | 6                     | 4849              |
| Greenville   | 0.00                                | -0.63                 | 65.48        | 22.16                 | 84                       | 40  | 62   | 5                     | 5086              |
| Hickory  | 0.00                                | -0.79                 | 30.84        | -10.91                | 82                       | 39  | 61   | 6                     | 4693              |
| Jefferson  | 0.05                                | -0.75                 | 37.08        | -4.48                 | 74                       | 27  | 50   | 3                     | 2820              |
| Kinston  | 0.00                                | -0.65                 | 62.46        | 17.70                 | 79                       | 38  | 58   | 1                     | 4917              |
| Maxton   | 0.00                                | -0.70                 | 42.17        | 0.35                  | 81                       | 39  | 62   | 4                     | 5349              |
| Mount Airy   | 0.03                                | -0.71                 | 41.23        | 1.03                  | 81                       | 33  | 55   | 3                     | 3902              |
| New Bern   | 0.00                                | -0.70                 | 61.12        | 13.51                 | 79                       | 41  | 62   | 2                     | 5225              |
| North Wilkesboro                                     | 0.00                                | -0.84                 | 37.91        | -5.61                 | 82                       | 37  | 58   | 6                     | 4164              |
| Oxford   | 0.00                                | -0.77                 | 48.17        | 8.82                  | 78                       | 36  | 56   | 1                     | 4441              |
| Raleigh-Durham                                       | 0.14                                | -0.51                 | 48.93        | 11.89                 | 78                       | 39  | 60   | 4                     | 4996              |
| Reidsville   | 0.00                                | -0.77                 | 44.66        | 4.14                  | 79                       | 38  | 57   | 3                     | 4341              |
| Roanoke Rapids                                       | 0.00                                | -0.77                 | 48.31        | 8.66                  | 78                       | 43  | 58   | 3                     | 4832              |
| Robbinsville   | 0.02                                | -0.89                 | 33.40        | -21.38                | 80                       | 37  | 59   | 7                     | 3721              |
| Rockingham   | 0.00                                | -0.77                 | 36.63        | -5.79                 | 78                       | 39  | 60   | 4                     | 5079              |
| Roxboro  | 0.02                                | -0.82                 | 48.21        | 8.38                  | 77                       | 36  | 55   | 2                     | 4304              |
| Southern Pines                                       | 0.00                                | -0.79                 | 40.05        | -1.30                 | 80                       | 35  | 61   | 4                     | 5052              |
| Statesville  | 0.00                                | -0.72                 | 35.20        | -3.83                 | 80                       | 33  | 56   | 1                     | 4165              |
| Tarboro  | 0.00                                | -0.61                 | 60.34        | 20.41                 | 77                       | 42  | 59   | 3                     | 4759              |
| Vale   | 0.00                                | -0.91                 | 30.41        | -10.37                | 83                       | 36  | 58   | 2                     | 4411              |
| Wallace  | 0.00                                | -0.58                 | 57.90        | 10.11                 | 78                       | 35  | 58   | -3                    | 5023              |
| Washington   | 0.00                                | -0.70                 | 59.91        | 16.54                 | 77                       | 40  | 61   | 3                     | 4905              |
| Waynesville  | 0.00                                | -0.71                 | 25.92        | -15.00                | 79                       | 30  | 54   | 5                     | 3271              |
| Whiteville   | 0.00                                | -0.56                 | 70.51        | 26.35                 | 80                       | 38  | 60   | 0                     | 5050              |
| Williamston  | 0.00                                | -0.70                 | 66.16        | 22.79                 | 77                       | 45  | 60   | 2                     | 4892              |
| Wilmington   | 0.00                                | -0.59                 | 62.33        | 12.30                 | 80                       | 43  | 63   | 2                     | 5400              |
| Wilson   | 0.03                                | -0.59                 | 58.25        | 17.44                 | 82                       | 40  | 61   | 4                     | 4963              |
| Winston Salem  | 0.00                                | -0.67                 | 35.61        | -1.51                 | 80                       | 42  | 61   | 6                     | 4714              |

<sup>1</sup> Precipitation data considered preliminary \*Data not available.

PRECIPITATION SUMMARY  
<http://www.awis.com/>

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc.

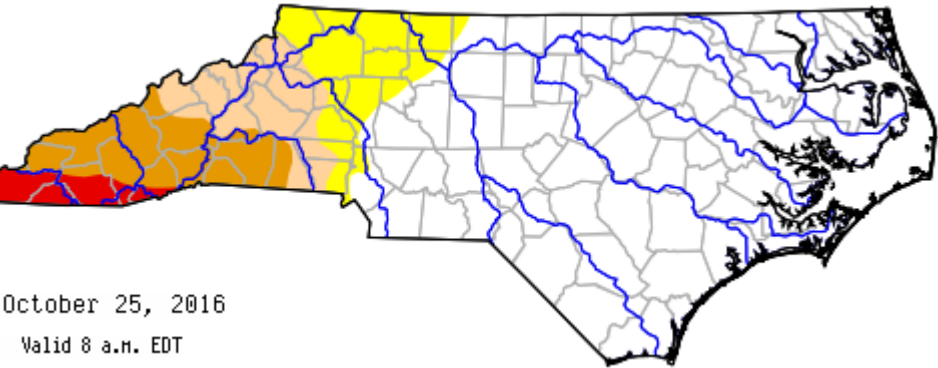


US DROUGHT MONITOR OF NORTH CAROLINA  
<http://www.ncdrought.org/>

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



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)