

# North Carolina Weather & Crops Report

Released September 12, 2016



## CROP SUMMARY FOR THE WEEK ENDING SEPTEMBER 11, 2016

### DAYS SUITABLE FOR FIELD WORK

| This Week | Last Week | Last Year | 5-Year Avg. |
|-----------|-----------|-----------|-------------|
| 6.6       | 5.2       | 5.3       | 5.4         |

### SOIL MOISTURE PERCENT

|   | VS | ST | A  | SS |
|---|----|----|----|----|
| Topsoil Moisture                                    | 5  | 23 | 61 | 11 |
| Subsoil Moisture                                    | 2  | 27 | 58 | 13 |
| VS= Very Short ST = Short A = Adequate SS = Surplus |    |    |    |    |

### CROP PROGRESS PERCENT – WITH COMPARISONS

|                             | This Week | Last Week | Last Year | 5 Yr. Avg |
|-----------------------------|-----------|-----------|-----------|-----------|
| PHENOLOGICAL:               |           |           |           |           |
| Corn – Mature               | 94        | 91        | 90        | 93        |
| Cotton – Bolls Opening      | 40        | 31        | 55        | 47        |
| Soybean – Setting Pods      | 95        | 91        | 92        | 91        |
| Soybean – Dropping Leaves   | 18        | 11        | 21        | 12        |
| HARVESTED:                  |           |           |           |           |
| Apple                       | 57        | 46        | 47        | 45        |
| Corn for Grain              | 66        | 50        | 53        | 51        |
| Corn for Silage             | 90        | 81        | 71        | 80        |
| Hay 2 <sup>nd</sup> Cutting | 95        | 92        | 83        | 89        |
| Hay 3 <sup>rd</sup> Cutting | 56        | 48        | 40        | 41        |
| Peaches                     | 92        | 87        | 95        | 95        |
| Sorghum for Grain           | 25        | 12        | n/a       | n/a       |
| Sweet Potato                | 15        | n/a       | 10        | 13        |
| Tobacco: Flue Cured         | 73        | 64        | 60        | 67        |
| Tobacco: Burley             | 34        | 28        | 38        | 57        |

### CROP CONDITION PERCENT

|                 | VP | P  | F  | G  | EX |
|-----------------|----|----|----|----|----|
| Apple           | 11 | 12 | 41 | 35 | 1  |
| Cotton          | 4  | 9  | 32 | 49 | 6  |
| Hay             | 2  | 7  | 46 | 39 | 6  |
| Pasture         | 4  | 17 | 42 | 32 | 5  |
| Peanut          | 0  | 4  | 16 | 67 | 13 |
| Soybean         | 1  | 7  | 28 | 51 | 13 |
| Sorghum         | 2  | 4  | 24 | 65 | 5  |
| Sweet Potato    | 0  | 4  | 27 | 65 | 4  |
| Tobacco: Burley | 0  | 1  | 20 | 74 | 5  |

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

Recent rains from Tropical Storm Hermine improved crop conditions temporarily, but conditions were so dry that more rain is direly needed now. Leaf diseases are negatively affecting the tobacco crop. **Don Nicholson – Agronomist Region 7**

Hay producers took advantage of the dry weather to harvest a thin second cutting. Most are reporting only a 25%-30% crop and a number of livestock producers are either buying additional hay or reducing animal numbers. The burley tobacco producers have about 50% of the crop cut at this point.

**Stanley Holloway – Yancey County Extension**

Not much rain off the hurricane. Corn harvest has started and yields are looking pretty good. Tobacco is still being cut and cured and brought to buyers. Soybeans are struggling filling pods due to no rain. **Gary Cross – Person County Extension**

Rutherford County is extremely hot and dry. Some areas of the county have had brief showers but the majority is dry. Producers are getting up their second cutting of hay but it is amounting to half of what they got the first cutting.

**Janice Nicholson – Rutherford County Extension**

We are getting dry. River and stream levels have dropped. Corn and pumpkin harvest is going well.

**Julia Houck – Ashe-Alleghany County Extension**

Wet field conditions following tropical storm delay corn harvest for some growers. Tobacco is coming to a close and soybeans are beginning to drop leaves. Some growers have finished corn harvest and are waiting for soybeans.

**Daniel Simpson – Pamlico County Extension**

The storm last week provided much needed rain to parts of the county.

**Cathy Herring – Central Crops Station**

Tobacco crop has matured earlier than normal this year and is not holding well. Farmers are stripping tobacco fields and this is putting pressure on limited barn space available. It is looking like tobacco harvest will be finished by or before end of September. Sweet potato harvest is well underway with good yields being reported.

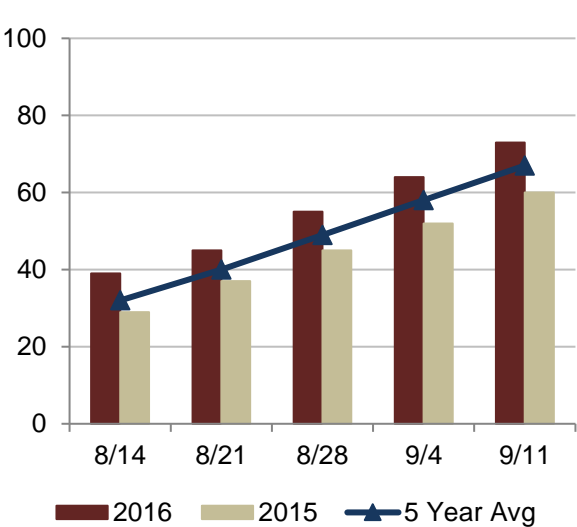
**Brian Parrish – Harnett County Extension**

Tropical storm Hermine dropped 6" to 10" of rain across Pender County last week. Dry soils helped absorb much of this rain. Rain slowed corn harvest 2-3 days but gave soybeans and pastures a much needed drink of water. Corn yields are pushing close to 200 bushels per acre in many places.

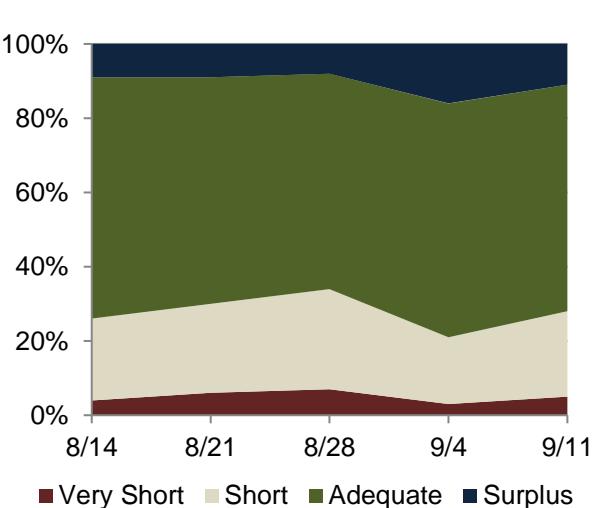
**Mark Seitz – Pender County Extension**

Getting really dry again in Burke County. No rain in last couple of weeks. **Donna Teasley – Burke County Extension**

### FLUE-CURED TOBACCO PERCENT HARVESTED



### TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK ENDING SEPTEMBER 11, 2016

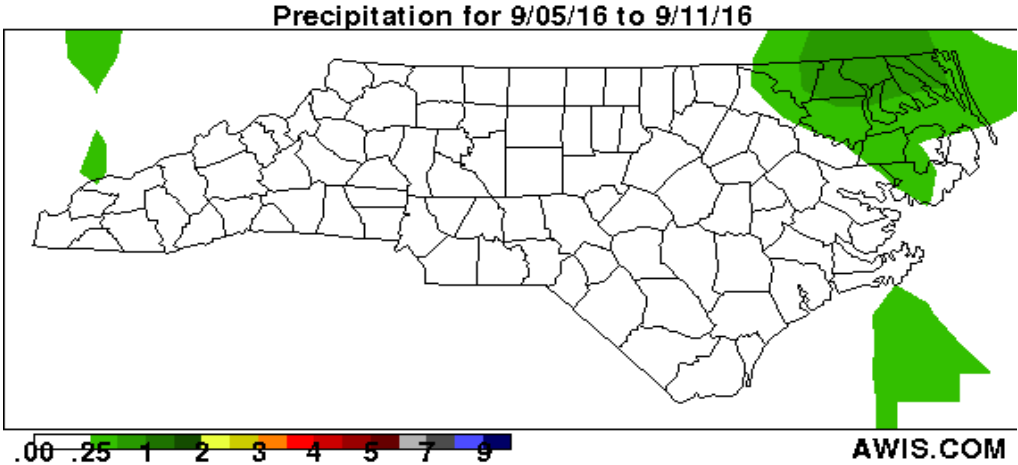
| Location         | Precipitation (Inches) <sup>1</sup> |                       |              |                       | Temperature (Degrees F.) |     |      |                       |                   |
|------------------|-------------------------------------|-----------------------|--------------|-----------------------|--------------------------|-----|------|-----------------------|-------------------|
|                  | 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                                | -1.04                 | 27.37        | -6.77                 | 93                       | 57  | 77   | 6                     | 3845              |
| Asheville        | 0.00                                | -0.91                 | 28.46        | -6.09                 | 90                       | 56  | 74   | 7                     | 3319              |
| Burlington       | 0.00                                | -1.02                 | 25.80        | -7.36                 | 96                       | 56  | 78   | 6                     | 3848              |
| Charlotte        | 0.00                                | -0.91                 | 23.06        | -7.95                 | 95                       | 60  | 79   | 4                     | 4165              |
| Clayton          | 0.00                                | -1.12                 | 36.89        | 3.33                  | 92                       | 57  | 76   | 3                     | 3700              |
| Clinton          | 0.00                                | -1.26                 | 35.21        | -1.78                 | 92                       | 59  | 77   | 3                     | 4002              |
| Dunn             | 0.00                                | -1.12                 | 33.91        | -2.33                 | 94                       | 59  | 79   | 7                     | 4032              |
| Elizabeth City   | 0.68                                | -0.58                 | 34.74        | -0.44                 | 89                       | 63  | 77   | 3                     | 3844              |
| Fayetteville     | 0.00                                | -1.19                 | 30.16        | -4.80                 | 96                       | 61  | 81   | 7                     | 4433              |
| Gastonia-Gaston  | 0.00                                | -1.03                 | 22.34        | -9.44                 | 95                       | 62  | 78   | 5                     | 4141              |
| Goldsboro        | 0.07                                | -1.27                 | 38.27        | 1.09                  | 94                       | 62  | 79   | 4                     | 4268              |
| Greensboro       | 0.00                                | -1.02                 | 31.13        | -0.13                 | 94                       | 60  | 79   | 8                     | 3929              |
| Greenville       | 0.00                                | -1.34                 | 49.49        | 12.49                 | 93                       | 61  | 79   | 5                     | 4080              |
| Hickory          | 0.00                                | -1.00                 | 28.72        | -6.92                 | 95                       | 60  | 78   | 7                     | 3790              |
| Jefferson        | 0.00                                | -0.97                 | 32.73        | -3.22                 | 88                       | 46  | 68   | 4                     | 2354              |
| Kinston          | 0.00                                | -1.33                 | 44.41        | 6.33                  | 94                       | 58  | 77   | 4                     | 3966              |
| Maxton           | 0.00                                | -1.19                 | 29.62        | -5.93                 | 96                       | 60  | 79   | 4                     | 4326              |
| Mount Airy       | 0.00                                | -1.04                 | 36.56        | 2.29                  | 91                       | 54  | 73   | 5                     | 3189              |
| New Bern         | 0.16                                | -1.22                 | 48.49        | 7.30                  | 93                       | 63  | 78   | 3                     | 4165              |
| North Wilkesboro | 0.00                                | -1.05                 | 33.94        | -3.11                 | 92                       | 58  | 75   | 6                     | 3383              |
| Oxford           | 0.00                                | -0.98                 | 36.99        | 3.86                  | 93                       | 57  | 77   | 6                     | 3634              |
| Raleigh-Durham   | 0.00                                | -1.02                 | 38.80        | 7.49                  | 96                       | 58  | 79   | 6                     | 4037              |
| Reidsville       | 0.00                                | -1.03                 | 36.30        | 2.18                  | 94                       | 58  | 77   | 7                     | 3559              |
| Roanoke Rapids   | 0.60                                | -0.52                 | 35.39        | 2.04                  | 94                       | 60  | 78   | 6                     | 3893              |
| Robbinsville     | 0.12                                | -1.01                 | 30.55        | -18.25                | 88                       | 58  | 72   | 4                     | 3023              |
| Rockingham       | 0.00                                | -1.06                 | 26.06        | -9.93                 | 93                       | 59  | 78   | 4                     | 4138              |
| Roxboro          | 0.00                                | -1.03                 | 35.46        | 2.20                  | 93                       | 54  | 74   | 4                     | 3500              |
| Southern Pines   | 0.00                                | -1.05                 | 28.20        | -6.82                 | 95                       | 57  | 79   | 5                     | 4114              |
| Statesville      | 0.00                                | -0.98                 | 32.40        | -0.74                 | 92                       | 57  | 74   | 3                     | 3421              |
| Tarboro          | 0.10                                | -1.09                 | 42.50        | 8.65                  | 92                       | 60  | 77   | 4                     | 3826              |
| Vale             | 0.00                                | -0.91                 | 27.82        | -6.36                 | 95                       | 57  | 76   | 5                     | 3599              |
| Wallace          | 0.12                                | -1.46                 | 45.34        | 4.25                  | 93                       | 59  | 78   | 2                     | 4070              |
| Washington       | 0.24                                | -1.09                 | 44.56        | 8.16                  | 91                       | 60  | 77   | 4                     | 3931              |
| Waynesville      | 0.03                                | -0.88                 | 24.71        | -11.25                | 85                       | 51  | 68   | 4                     | 2717              |
| Whiteville       | 0.00                                | -1.37                 | 56.18        | 18.11                 | 92                       | 59  | 77   | 1                     | 4070              |
| Williamston      | 0.09                                | -1.24                 | 44.51        | 8.11                  | 90                       | 62  | 77   | 4                     | 3915              |
| Willimnton       | 0.00                                | -1.74                 | 47.55        | 4.54                  | 94                       | 62  | 79   | 3                     | 4332              |
| Wilson           | 0.00                                | -1.20                 | 43.38        | 8.52                  | 92                       | 60  | 79   | 5                     | 4035              |
| Winston Salem    | 0.00                                | -1.02                 | 30.92        | -0.34                 | 93                       | 60  | 78   | 7                     | 3817              |

<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.



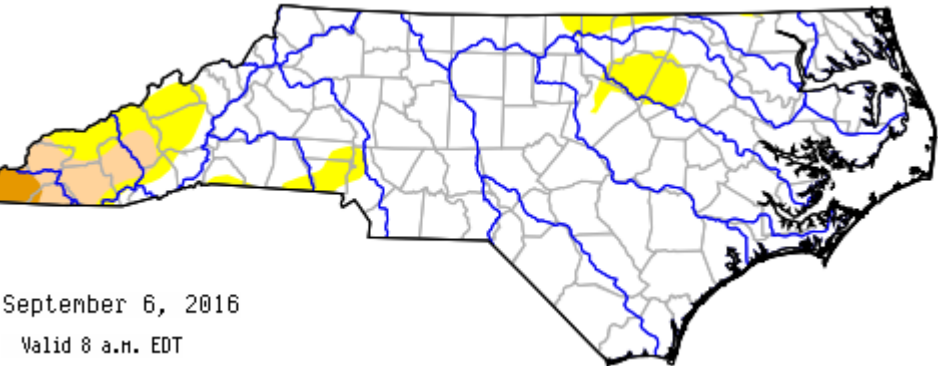
US DROUGHT MONITOR OF NORTH CAROLINA

<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)