

# North Carolina Weather & Crops Report

Released October 11, 2016



## CROP SUMMARY FOR THE WEEK ENDING OCTOBER 9, 2016

### DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
4.4	3.8	3.3	n/a

### SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	2	13	44	41
Subsoil Moisture	2	14	52	32
VS= Very Short ST = Short A = Adequate SS = Surplus				

### CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PHENOLOGICAL:				
Cotton – Bolls Opening	90	85	91	89
Soybean – Dropping Leaves	62	52	63	52
HARVESTED:				
Apple	77	74	74	77
Corn for Grain	92	89	87	88
Hay 3 <sup>rd</sup> Cutting	73	71	68	66
Peanuts	18	13	10	22
Sorghum for Grain	60	50	n/a	n/a
Soybeans	11	n/a	n/a	n/a
Sweet Potato	39	34	33	50
Tobacco: Flue Cured	94	90	83	90
Tobacco: Burley	70	64	71	86

### CROP CONDITION PERCENT

	VP	P	F	G	EX
Cotton	8	13	35	40	4
Pasture	8	19	39	30	4
Peanut	3	8	22	57	10
Soybean	4	8	31	45	12
Sweet Potato	2	8	31	56	3

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

Rutherford County producers are harvesting corn and hay and will soon be harvesting soybeans. Pastures are turning green from the brief showers we have experienced throughout most of the county and hopefully will help to delay the use of hay stored for winter feeding. **Janice Nicholson– Rutherford County FSA**

A little rain late in the week was a welcome sight as the county remains very dry. Precipitation amounts were variable across the county with most areas receiving around 0.75"-1.25" of rain. Windy conditions did cause a few downed trees but no major issues. Temperatures also dipped considerably late in the week with lows in the lower 40's-upper 30's around the county. Most livestock producers have begun feeding hay as pastures have suffered from the dry conditions. **Stanley Holloway - Yancey County Extension**

Hurricane Matthew hit on October 8th and dropped from 6-7 inches of rain in Franklin County. Tobacco harvest had finished the week before, and 95% of the corn had been harvested. Soybeans did not take too much punishment, but they are going to produce low yields due to earlier dry weather. The moisture will benefit our pastures and hay fields. We also welcome the cooler weather. **Charles Mitchell – Franklin County Extension**

With the 9 inches of rainfall as a result of hurricane Matthew in the County this past weekend, harvesting the remaining tobacco crop was slowed down as well as any fall soybean and corn harvesting. Seeding in pastures and small grains has stopped temporary from this weekend's Matthew rains. Some wind damage to crops but nothing serious. **Joey Knight – Caswell County Extension**

Flooding and trees down across the county. Extent of storm damage is unknown at this time. Damage will be assessed today and throughout the coming week.

**Zachary Taylor – Lee County Extension**

Torrential rains from hurricane Matthew has led to extremely saturated soils, flooding in my area. It remains to be seen what the final results will be for crops still in the fields. Peanuts and sweet potatoes will be especially vulnerable to damage. What little bit of tobacco still in the fields may not be worth harvesting at this point. Soybeans are likely to damage.

**Don Nicholson – Agronomist Region 7**

There are widespread reports of damage to sweet potatoes drowning under 14" of rainfall due to Hurricane Matthew. Some tobacco was left in the field, which will almost certainly be lost to wind damage. This is on top of Angular Leafspot, a bacterial disease that appeared suddenly late in the season, too late to prevent with any available crop protectant. Milo crop was lodged in many areas. Collards and other greens were damaged by wind. Power is out in most areas, so that barns cannot be ordered, loaded and operated. Tobacco losses may be 5% to 10% due to weather, and 10% to angular leaf spot.

**Taylor Williams – Moore County Extension**

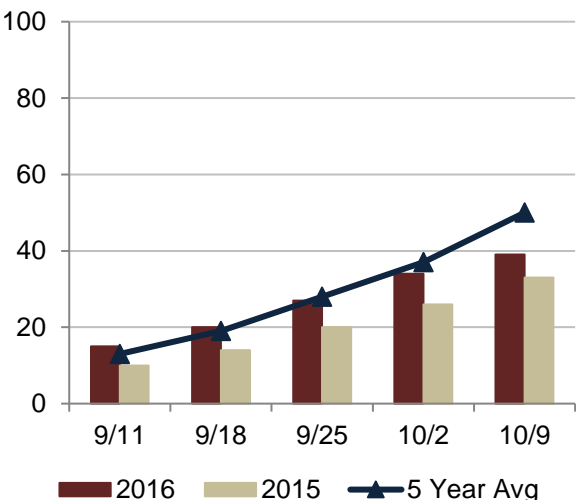
Prior to Hurricane Matthew, growers harvested corn and soybeans as rapidly as possible. However, very wet fields from previous rains and lack of storage slowed progress. Growers reporting 5-8 inches of rainfall from Hurricane Matthew. Scattered areas of strong wind and flooding anticipated to damage crops and delay harvest. Damage estimates in progress.

**Mike Carroll – Carteret County Extension**

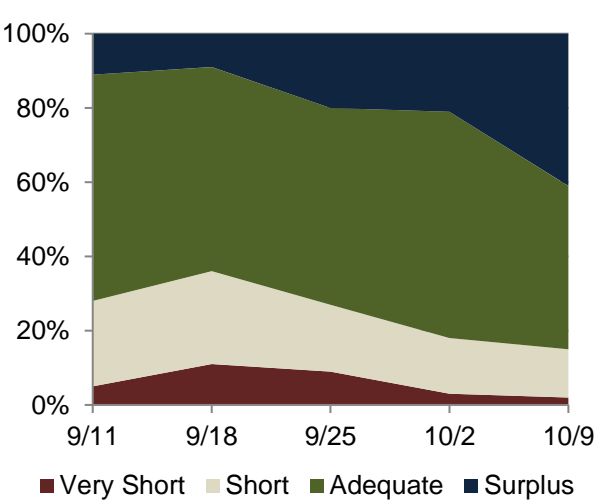
Due to Hurricane Matthew, field conditions have deteriorated significantly (in most locales) as compared to prior to the storm. Crop condition are currently being assessed and will be updated as soon as possible.

**Bruce McLean – Bladen County Extension**

### SWEET POTATO PERCENT HARVESTED



### TOPSOIL MOISTURE PERCENT

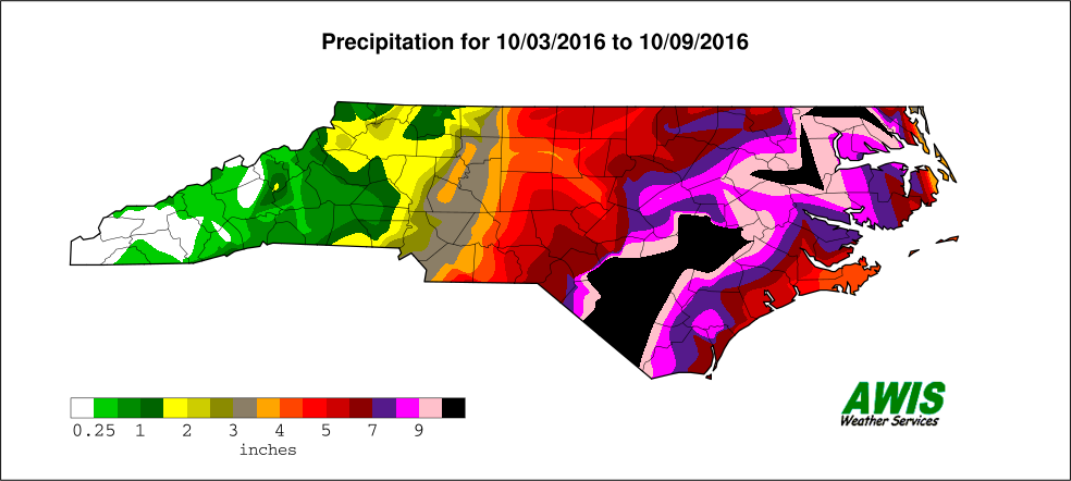


WEATHER SUMMARY FOR THE WEEK ENDING OCTOBER 9, 2016									
Location	Precipitation (Inches) <sup>1</sup>				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro	4.47	3.62	37.62	-0.24	77	47	65	2	4457
Asheville	0.51	-0.19	29.54	-8.14	77	48	64	6	3860
Burlington	3.96	3.16	36.35	-0.47	79	53	67	4	4488
Charlotte	2.78	1.94	30.03	-4.48	83	47	68	3	4849
Clayton	9.06	8.28	50.92	13.58	80	55	67	3	4327
Clinton	10.95	10.13	53.62	12.55	83	60	70	5	4678
Dunn	8.42	7.62	49.65	9.64	84	53	69	6	4708
Elizabeth City	10.14	9.39	50.22	10.96	84	58	72	6	4545
Fayetteville	14.82	14.06	52.10	13.27	83	59	71	6	5168
Gastonia-Gaston	2.55	1.64	28.46	-7.15	83	48	68	5	4836
Goldsboro	16.45	15.68	63.38	22.00	84	59	71	5	4987
Greensboro	3.91	3.11	37.17	2.14	80	51	67	5	4579
Greenville	9.07	8.22	65.20	23.89	81	57	70	6	4777
Hickory	1.01	0.17	30.84	-8.57	80	51	67	5	4432
Jefferson	1.60	0.83	37.03	-2.28	72	44	59	5	2742
Kinston	10.02	9.11	62.20	19.60	85	57	70	6	4652
Maxton	7.17	6.32	42.17	2.50	84	56	70	5	5042
Mount Airy	0.90	0.10	41.20	3.18	78	50	63	3	3727
New Bern	5.06	4.21	60.92	15.45	84	57	73	6	4904
North Wilkesboro	1.73	0.83	37.91	-3.09	78	51	64	5	3950
Oxford	5.39	4.50	48.17	11.26	78	54	66	4	4240
Raleigh-Durham	6.96	6.17	48.79	13.77	79	55	68	5	4718
Reidsville	4.93	4.03	44.66	6.55	78	51	64	3	4143
Roanoke Rapids	7.61	6.75	48.31	10.97	79	56	68	6	4567
Robbinsville	0.02	-0.73	32.92	-19.44	81	44	64	5	3506
Rockingham	6.10	5.21	36.61	-3.42	81	58	69	5	4815
Roxboro	4.81	3.89	48.19	10.92	79	51	65	5	4094
Southern Pines	6.43	5.53	40.05	1.17	81	55	68	4	4775
Statesville	1.98	1.16	35.20	-1.57	79	44	63	1	3983
Tarboro	10.12	9.29	60.24	22.28	82	57	69	6	4490
Vale	0.74	-0.24	30.41	-7.57	81	51	65	2	4197
Wallace	7.47	6.61	57.70	11.77	83	61	71	4	4765
Washington	7.71	6.74	59.76	18.71	84	64	71	7	4619
Waynesville	0.27	-0.37	25.83	-13.11	74	40	59	3	3129
Whiteville	12.80	12.00	73.51	31.14	83	60	69	3	4754
Williamston	10.69	9.72	65.75	24.70	82	61	70	6	4603
Willimnton	6.59	5.70	62.23	14.05	84	60	74	6	5070
Wilson	10.04	9.26	58.21	19.29	80	56	67	3	4677
Winston Salem	3.34	2.54	35.61	0.58	79	52	66	4	4449

<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.

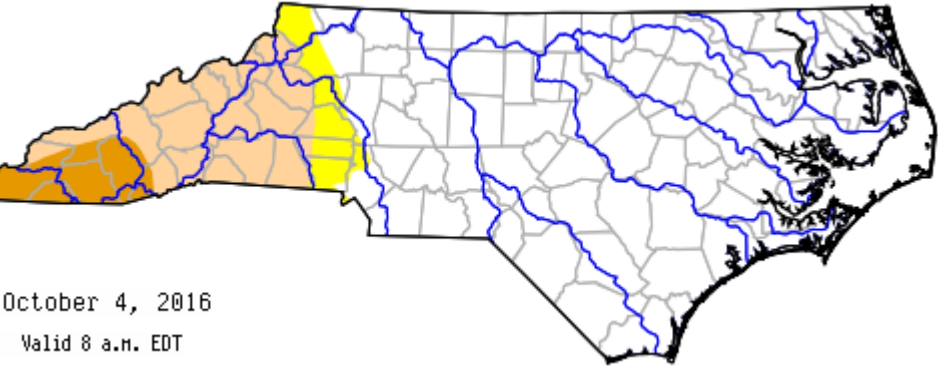


US DROUGHT MONITOR OF NORTH CAROLINA  
<http://www.ncdrought.org/>

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)