

# North Carolina Weather & Crops Report

Released August 21, 2016



## CROP SUMMARY FOR THE WEEK ENDING AUGUST 21, 2016

### DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.2	6.1	6.0	5.4

### SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	6	24	61	9
Subsoil Moisture	4	20	67	9
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 – Dented	92	87	86	87
Corn – Mature	68	42	60	60
Cotton – Setting Bolls	93	89	93	95
Cotton – Bolls Opening	11	n/a	11	n/a
Soybean – Blooming	93	84	88	83
Soybean – Setting Pods	75	64	65	61
HARVESTED:				
Apple	29	22	28	25
Corn for Grain	13	n/a	11	n/a
Corn for Silage	50	40	42	46
Hay 2 <sup>nd</sup> Cutting	85	82	68	75
Hay 3 <sup>rd</sup> Cutting	23	12	17	21
Peaches	78	73	79	85
Tobacco: Flue Cured	45	39	37	40
Tobacco: Burley	11	n/a	12	23

### CROP CONDITION PERCENT

	VP	P	F	G	EX
Apple	11	12	41	35	1
Corn	2	7	25	50	16
Cotton	3	8	25	57	7
Hay	1	7	45	41	6
Pasture	3	12	37	43	5
Peanut	0	4	14	68	14
Soybean	1	5	28	52	14
Sorghum	1	4	22	67	6
Sweet Potato	0	2	22	72	4
Tobacco: Flue Cured	2	6	24	60	8
Tobacco: Burley	0	0	20	74	6

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

Some areas of the county had heavy rainfall, one area had 2.9" in 59 minutes which caused localized flooding. Other areas of the county only received light showers.

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

Hot, dry conditions took a toll on crops this past week. Although there was some rainfall across the area, not all that needed it got it. **Don Nicholson – Agronomist Region 7**

All areas of the county received significant rainfall during the week to help alleviate some of the dry conditions. Most areas received at least 2" of rain and others significantly more. Pastures continue to improve as the grass receives adequate rainfall and cooler night temperatures. Vegetable crop harvest continues and the burley tobacco crop is topped.

**Stanley Holloway – Yancey County Extension**

Tobacco cutting continues. Soybeans are hurt by the heat and lack of moisture. Soybean diseases are setting in. With the heat corn plants have shut down and are turning to mature quicker.

**Gary Cross – Person County Extension**

We are now receiving some rain but the extreme heat and humidity is taking its toll on the crops. Hay fields are slowly turning green and beginning to grow again.

**Janice Nicholson – Rutherford County Extension**

Corn harvest is well under way with yields above average in most areas. Grain quality is good. Tobacco harvest continues with some issues of late season diseases. Most of the area has dried out significantly and is needing rain. Soybeans are suffering from dry weather and heavier worm pressure than normal. Spotty showers the end of the week brought relief to some isolated areas. **Mac Malloy - Robeson County Extension**

Rain showers delayed corn harvest, but progress continues to be made. Tobacco is coming to a close and soybeans are looking good. **Daniel Simpson – Pamlico County Extension**

Many area received 2-3" rainfall on Friday, August 19th. Some light hail fell but no significant crop damage reported

**Mike Carroll – Craven County Extension**

Spotty rain showers covering less than 20% of the county. We are in need of a shower as beans and cotton are aborting fruit..

**Tim Britton - Johnston County Extension**

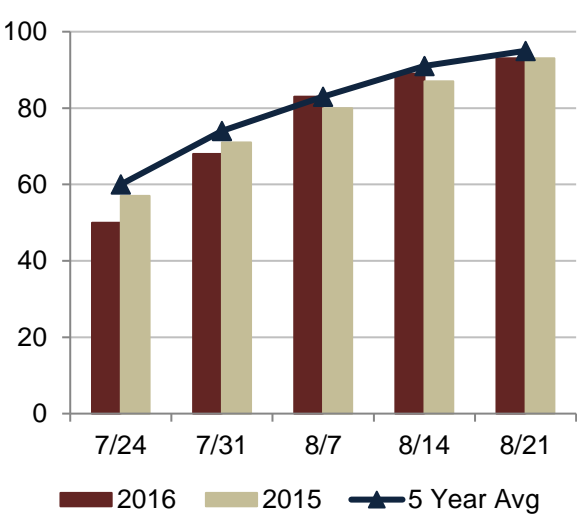
Large areas of Johnston County have missed recent rains. Dry conditions are damaging all crops.

**Cathy Herring – Central Crops Station**

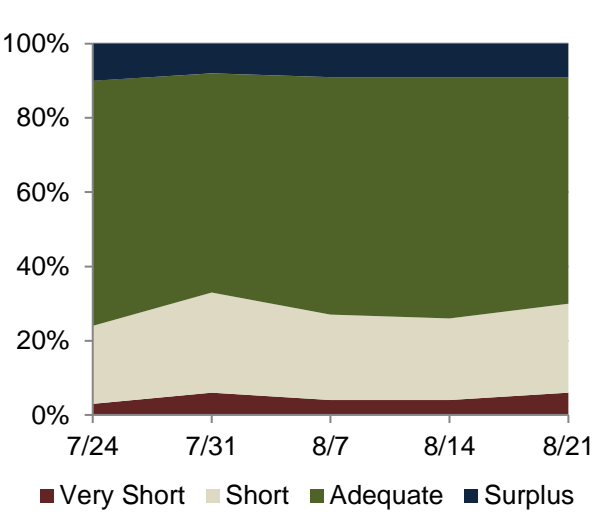
Rains have been extremely scattered, leaving some pockets of drought while other areas have received some good rain and crops look good.

**Paige Burns – Richmond County Extension**

### COTTON PERCENT SETTING BOLLS



### TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK ENDING AUGUST 21, 2016

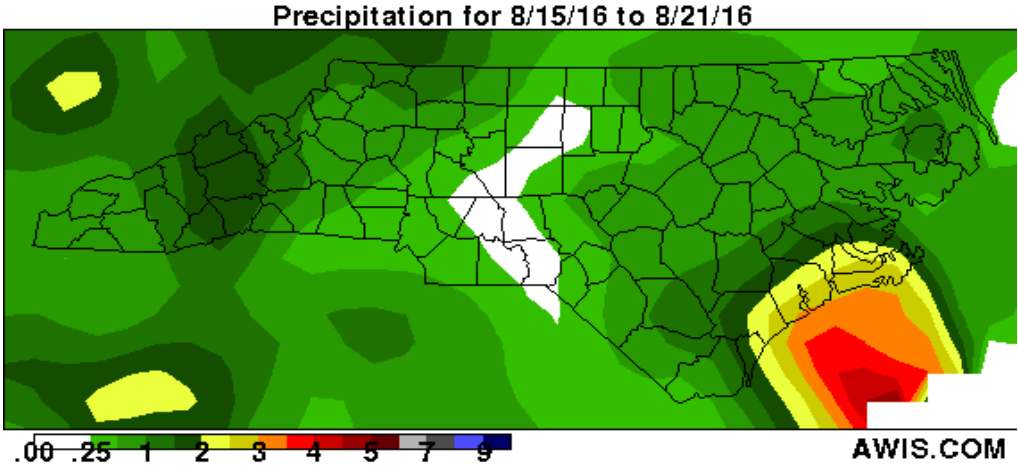
Location	Precipitation (Inches) <sup>1</sup>				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro	0.46	-0.52	25.03	-6.11	95	70	81	6	3261
Asheville	2.33	1.35	28.38	-3.31	89	67	77	6	2814
Burlington	0.27	-0.64	24.82	-5.44	95	71	83	7	3260
Charlotte	0.15	-0.69	21.13	-7.27	97	71	84	6	3545
Clayton	0.44	-0.56	32.05	1.74	93	72	82	6	3137
Clinton	0.93	-0.26	30.86	-2.46	96	73	83	6	3421
Dunn	0.61	-0.44	28.05	-4.94	95	74	84	8	3429
Elizabeth City	0.50	-0.52	27.09	-4.56	95	71	83	6	3247
Fayetteville	0.38	-0.79	25.82	-5.57	99	74	86	8	3780
Gastonia-Gaston	0.09	-0.85	20.10	-8.69	97	71	84	7	3521
Goldsboro	0.57	-0.72	32.74	-0.43	98	73	85	7	3643
Greensboro	0.25	-0.55	30.09	1.66	94	72	83	7	3327
Greenville	0.25	-1.08	42.41	9.52	97	73	85	8	3466
Hickory	0.81	-0.05	28.15	-4.60	92	70	80	5	3205
Jefferson	0.42	-0.56	32.01	-1.04	86	61	72	4	1974
Kinston	1.07	-0.19	37.99	3.83	96	71	83	6	3392
Maxton	0.36	-0.69	25.71	-6.40	99	72	85	8	3691
Mount Airy	1.90	1.06	36.18	4.79	92	67	78	5	2687
New Bern	1.54	0.00	42.28	5.45	95	71	83	6	3558
North Wilkesboro	1.04	0.06	31.82	-2.15	92	68	79	6	2859
Oxford	0.35	-0.65	34.67	4.50	94	72	82	7	3069
Raleigh-Durham	0.38	-0.46	37.04	8.56	97	74	84	8	3420
Reidsville	0.13	-0.64	35.53	4.23	94	70	81	7	2993
Roanoke Rapids	1.93	0.95	32.83	2.65	98	73	85	9	3286
Robbinsville	0.88	-0.38	29.89	-15.33	91	65	76	4	2538
Rockingham	0.12	-0.79	22.47	-10.55	95	71	83	7	3530
Roxboro	1.05	0.21	34.61	4.24	93	71	81	8	2976
Southern Pines	0.31	-0.67	25.03	-6.98	97	73	84	8	3510
Statesville	0.54	-0.30	31.27	0.88	92	68	80	5	2900
Tarboro	0.03	-1.06	37.43	7.09	95	74	84	8	3248
Vale	0.72	-0.12	26.90	-4.57	95	69	80	5	3046
Wallace	1.50	0.06	36.77	0.27	97	72	84	5	3475
Washington	1.69	0.50	38.45	5.90	94	72	83	6	3356
Waynesville	1.14	0.18	22.95	-10.23	87	62	73	5	2302
Whiteville	2.13	0.87	48.38	14.34	93	71	82	3	3481
Williamston	1.96	0.77	38.10	5.55	95	73	84	8	3333
Willmington	1.53	-0.08	38.55	0.67	94	73	84	5	3714
Wilson	0.67	-0.31	38.45	6.95	95	73	84	7	3434
Winston Salem	0.77	-0.03	29.15	0.72	93	70	82	7	3231

<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.



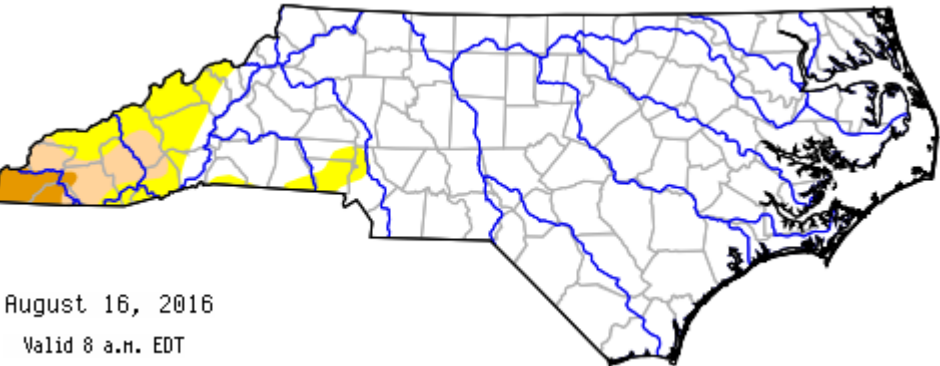
US DROUGHT MONITOR OF NORTH CAROLINA

<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)