

North Carolina Weather & Crops Report

Released August 8, 2016



CROP SUMMARY FOR THE WEEK ENDING AUGUST 7, 2016

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
5.8	6.6	5.9	5.2

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	4	23	64	9
Subsoil Moisture	3	16	72	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 – Dough	93	88	88	89
Corn – Dented	75	55	65	67
Corn – Mature	25	10	18	23
Cotton – Squaring	96	94	98	99
Cotton – Setting Bolls	83	68	80	83
Peanuts – Pegging	95	90	94	97
Soybean – Blooming	76	66	69	64
Soybean – Setting Pods	47	37	41	35
HARVESTED:				
Apple	20	17	19	16
Corn for Silage	22	n/a	21	19
Hay 2 nd Cutting	72	65	58	67
Peaches	66	58	69	76
Tobacco: Flue Cured	28	18	21	25

CROP CONDITION PERCENT

	VP	P	F	G	EX
Apple	11	12	42	34	1
Corn	4	7	25	49	15
Cotton	4	8	24	57	7
Hay	1	10	38	46	5
Pasture	3	13	36	43	5
Peanut	1	3	14	68	14
Soybean	1	5	26	53	15
Sorghum	1	4	22	67	6
Sweet Potato	0	0	21	73	6
Tobacco: Flue Cured	1	5	22	62	10
Tobacco: Burley	0	0	20	74	6

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

The county has finally started to receive widespread rain. This has helped with the abnormally dry conditions.

Julia Houck - Ashe - Alleghany County Extension

Rain during the week has helped crops and pastures tremendously. Rainfall amounts were highly variable across the county with the southern portion of the county receiving very heavy rainfall resulting in localized flash flooding. One NC Climate Weather Station reported 7.94" of rain for the week while another station in the northern portion of the county only reported 0.49" for the week. Pastures are responding well to the recent moisture; however, the second cutting hay crop is going to be very short in most areas. Vegetable harvest is in full swing and most of the burley tobacco crop is being topped.

Stanley Holloway – Yancey County Extension

Crop conditions are less stressed due to cooler temperatures and less humidity. Target spot has caused significant damage to tobacco fields. Also there has been an increase in black shank and other diseases. Soybeans are getting some blight and disease issues. Heat took a toll on the corn. Second cuttings of hay are progressing. **Gary Cross – Person County Extension**

Usual farming activities happening. Tobacco harvest is progressing, though farmers are already worrying about late harvest since some fields are maturing very slowly. Soybeans have made a lot of progress in the last couple of weeks, especially double crop beans. Hay harvest has slowed due to summer weather. Livestock farmers are making plans for fall forages.

Paul Westfall - Granville County Extension

Crops, overall, are very good. Rains have helped improve crop conditions affected by the recent hot, dry weather that could have been devastating to some crops had it continued.

Don Nicholson – Agronomist Region 7

The very high temperatures and excessive rain in the past 3 weeks have caused an increase in disease in the tobacco crop, mainly Black Shank and Granville Wilt. Hopefully conditions will improve and these diseases will not continue to spread.

Jacob Morgan - Jones County Extension

Wet weather is delaying corn harvest. Soybeans are looking good with consistent moisture. Most areas could use a few days without rain. **Daniel Simpson – Pamlico County Extension**

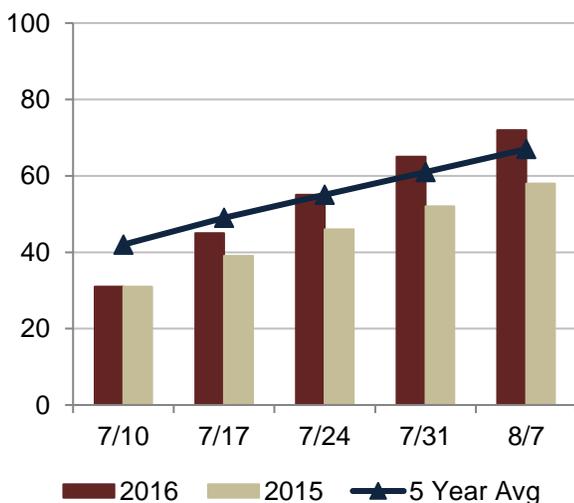
Much needed rain fell early in the week across most of the county. NW Pender County and into southern Sampson County conditions remain on the dry side. Soybean crop conditions improved with rain. Early maturing corn varieties starting to be harvested. **Mark Seitz – Pender County Extension**

Scattered showers improved soil moisture in parts of the county. Worm activity picked up in soybeans with some treatments being made this week. **Mac Malloy – Robeson County Extension**

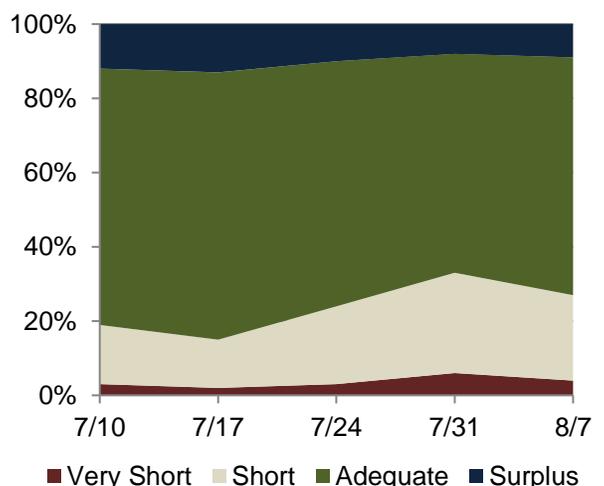
Showers throughout the county have benefitted the crops tremendously and hopefully will continue.

Janice Nicholson – Rutherford County Extension

HAY PERCENT 2ND CUTTING



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK ENDING AUGUST 7, 2016

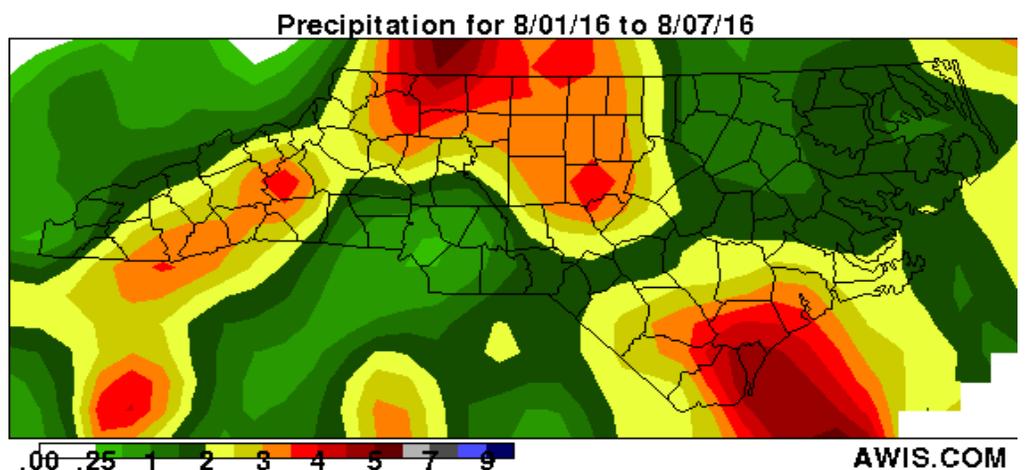
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro	3.70	2.79	25.55	-3.63	91	69	79	2	2816
Asheville	2.00	1.05	23.80	-5.93	89	67	77	5	2436
Burlington	2.01	1.10	24.40	-4.04	95	71	80	2	2813
Charlotte	0.38	-0.46	20.16	-6.56	97	73	83	3	3073
Clayton	0.98	-0.07	29.72	1.41	93	68	80	2	2695
Clinton	2.46	1.18	28.76	-2.16	94	70	81	2	2961
Dunn	2.01	0.86	26.79	-4.06	92	71	81	4	2960
Elizabeth City	1.42	0.38	26.17	-3.48	90	72	81	3	2782
Fayetteville	0.60	-0.59	25.28	-3.79	98	73	84	5	3285
Gastonia-Gaston	0.70	-0.16	19.67	-7.27	98	73	83	5	3053
Goldsboro	2.46	1.20	30.83	0.21	96	70	83	3	3158
Greensboro	3.63	2.77	29.39	2.56	95	70	80	3	2884
Greenville	1.07	-0.21	40.53	10.30	93	69	82	4	2982
Hickory	1.27	0.43	26.34	-4.71	93	69	79	2	2785
Jefferson	3.95	2.97	29.96	-1.13	85	59	71	2	1665
Kinston	1.09	-0.18	34.55	2.91	94	70	81	4	2934
Maxton	1.95	0.88	24.65	-5.36	97	72	83	4	3201
Mount Airy	6.92	6.06	33.44	3.73	90	66	76	2	2299
New Bern	1.58	-0.01	39.30	5.56	93	73	82	4	3089
North Wilkesboro	5.23	4.32	29.13	-2.92	90	69	76	2	2464
Oxford	1.76	0.71	32.37	4.25	93	67	79	3	2632
Raleigh-Durham	1.65	0.80	35.73	8.93	96	69	82	4	2943
Reidsville	4.20	3.33	34.95	5.21	94	68	78	2	2573
Roanoke Rapids	0.74	-0.24	30.45	2.22	94	70	82	4	2807
Robbinsville	0.11	-1.10	28.88	-13.82	88	64	75	2	2173
Rockingham	1.37	0.25	21.84	-9.29	94	72	81	3	3071
Roxboro	4.55	3.61	33.47	4.82	92	68	78	3	2545
Southern Pines	2.10	1.08	23.94	-6.11	95	72	82	4	3038
Statesville	4.99	4.19	29.16	0.40	93	68	78	1	2494
Tarboro	1.85	0.80	33.50	5.30	91	70	81	3	2788
Vale	0.80	-0.06	25.51	-4.28	95	68	79	2	2627
Wallace	2.12	0.62	33.87	0.28	96	72	82	2	3009
Washington	2.12	0.98	35.53	5.31	91	69	81	3	2899
Waynesville	1.45	0.55	21.58	-9.73	89	64	75	6	1981
Whiteville	3.17	1.91	45.39	13.87	93	72	82	2	3033
Williamston	2.27	1.13	36.09	5.87	92	70	81	3	2866
Willimnton	3.99	2.31	36.98	2.33	94	73	83	3	3242
Wilson	1.02	0.00	36.46	6.92	92	70	81	3	2963
Winston Salem	3.77	2.91	26.97	0.14	94	69	80	3	2801

¹ 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.



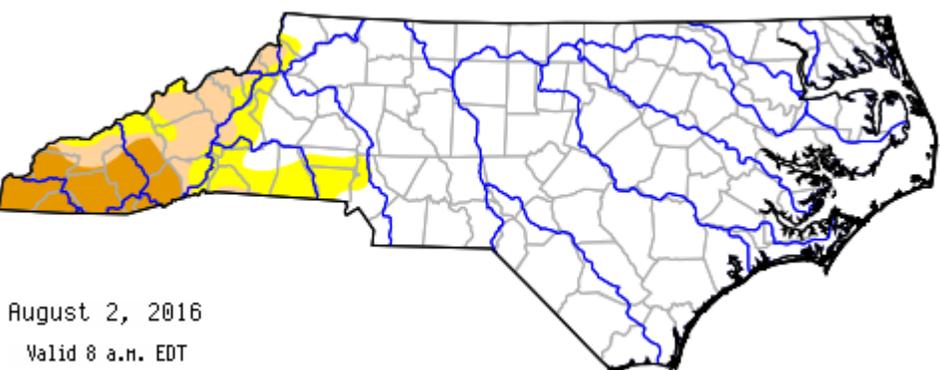
US DROUGHT MONITOR OF NORTH CAROLINA

<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



August 2, 2016
Valid 8 a.m. EDT

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)