

North Carolina Weather & Crops Report

Released August 1, 2016



CROP SUMMARY FOR THE WEEK ENDING JULY 31, 2016

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.6	6.3	6.6	5.5

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	6	27	59	8
Subsoil Moisture	4	16	71	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	88	75	81	83
Corn – Dented	55	28	51	50
Corn – Mature	10	n/a	n/a	n/a
Cotton – Squaring	94	90	95	95
Cotton – Setting Bolls	68	50	71	74
Peanuts – Pegging	90	79	87	93
Soybean – Blooming	66	46	56	51
Soybean – Setting Pods	37	23	31	25
HARVESTED:				
Apple	17	10	13	12
Hay 2 nd Cutting	65	55	52	61
Peaches	58	50	62	70
Tobacco: Flue Cured	18	10	15	18

CROP CONDITION PERCENT

	VP	P	F	G	EX
Apple	11	12	42	34	1
Corn	4	7	25	49	15
Cotton	4	8	25	57	6
Hay	2	9	40	44	5
Pasture	3	14	38	39	6
Peanut	1	3	15	67	14
Soybean	1	5	26	52	16
Sorghum	1	4	22	68	5
Sweet Potato	0	0	21	74	5
Tobacco: Flue Cured	1	5	20	63	11
Tobacco: Burley	0	0	20	74	6

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

Most of the county received 1 inch or more of rain this week. Some pastures are showing signs of heat stress and many producers are suffering from a more severe summer slump in our pastures due to higher than normal temperatures. Many farmers are still cleaning up storm damage from 2 weeks ago, many forested areas suffered major damage to harvestable timber.

Eddy Labus – Watauga County Extension

Scattered thunderstorms brought some heavy rain showers to some areas of the county while other areas received very little. Isolated areas of the county received as much as 5" of rain resulting in some minor flash flooding. Other areas received only a trace to .5". The rains did help pastures somewhat; however the 2nd cutting hay crop is going to be very short. The recent rains have definitely improved the corn crop in many areas; however, yields are going to be short due to the drought conditions for most of the summer.

Stanley Holloway – Yancey County Extension

Corn and soybeans under extreme heat stress. Tobacco is suffering from disease brought on by high humidity such as blue mold target spot. Second cutting of hay has started progressing well.

Gary Cross – Person County Extension

Crops in Caswell County are showing signs of heat stress with the lack of moisture. Corn foliage is twisting and soybeans blooming are dropping some blooms with the excessive temperatures. Tobacco growers are harvesting the crop with average yields. Strawberry growers are getting ready to put in tips for the Fall planting. Livestock growers are still grazing pastures but supplies are getting short. Home gardeners are getting ready to plant Fall cool-season crops.

Joey Knight – Caswell County Extension

We are at a critical stage for grain sorghum and soybeans, with very little rain the past two weeks. Soybeans are at bloom to pod set, and sorghum is in boot to early heading.

Taylor Williams – Moore County Extension

Although we have had unusually hot temperatures, soil moisture reserves and recent rains have kept the crops looking reasonably good. Current activities are pest management of soybeans and cotton as well as growers preparing equipment for the corn harvest.

Al Wood – Pasquotank County Extension

Heavy rains at the beginning and end of the week has slowed most field activity. However, corn is drying down and soybeans are maturing quickly.

Daniel Simpson – Pamlico County Extension

High heat and lack of rain during week is taking a toll on crops. Heat stress on tobacco has disease showing up in some fields. Some tobacco fields seem to be yellowing / maturing very quickly.

Brian Parrish – Harnett County Extension

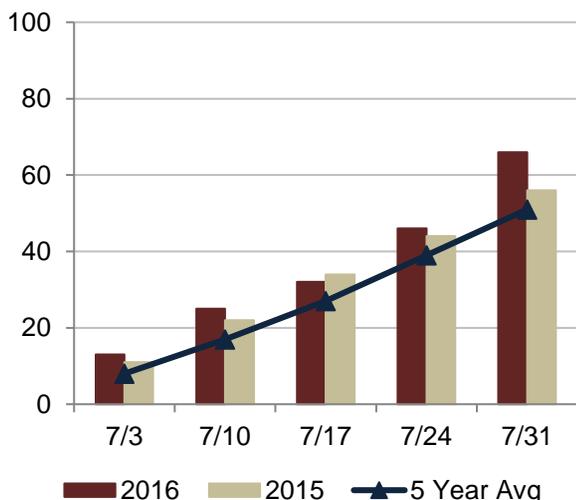
Hot and dry conditions have prevailed all week with temperatures pushing over the 100°F mark the last half of the week. Soybeans are hurting from this heat and dry weather.

Mark Seitz – Pender County Extension

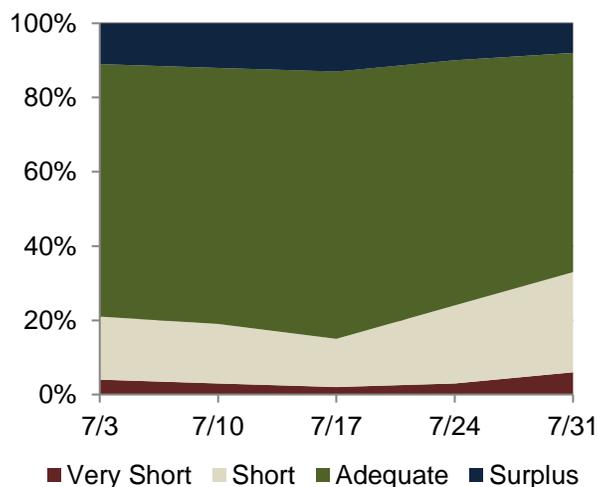
Field conditions have dried out significantly the past week with high temperatures and no rain. Corn harvest has begun for a handful of growers who are willing to dry 26% moisture grain. Good corn yields are expected. Moth flights are picking up in the area so worm activity is expected to increase in the coming days.

Mac Malloy – Robeson County Extension

SOYBEANS PERCENT BLOOMING



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK ENDING JULY 31 2016

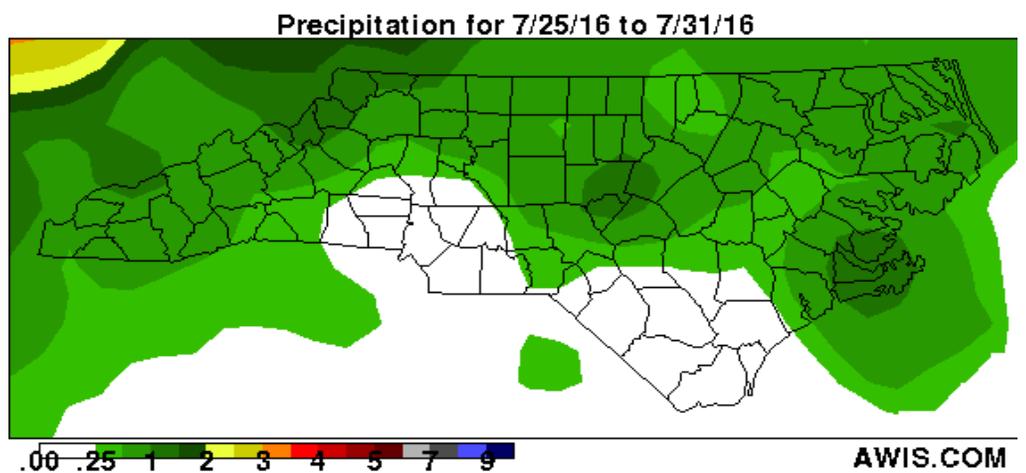
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro	0.99	0.02	21.93	-6.34	98	72	85	7	2609
Asheville	0.68	-0.23	21.80	-6.98	92	67	79	7	2246
Burlington	0.57	-0.40	22.39	-5.14	97	72	84	5	2599
Charlotte	0.00	-0.84	19.78	-6.10	99	72	86	6	2840
Clayton	0.00	-1.06	28.74	1.48	95	72	84	5	2486
Clinton	0.40	-0.96	27.06	-2.58	98	72	86	7	2744
Dunn	0.78	-0.45	25.54	-4.16	98	75	86	8	2741
Elizabeth City	0.41	-0.70	24.75	-3.86	96	73	85	6	2565
Fayetteville	0.02	-1.17	24.68	-3.20	101	76	88	9	3047
Gastonia-Gaston	0.00	-0.84	18.97	-7.11	99	71	85	6	2820
Goldsboro	0.24	-1.02	28.37	-0.99	101	74	88	7	2927
Greensboro	0.46	-0.49	25.76	-0.21	98	73	85	8	2673
Greenville	0.34	-0.92	39.46	10.51	99	73	86	7	2755
Hickory	0.38	-0.48	25.07	-5.14	95	69	83	5	2581
Jefferson	0.94	-0.04	26.01	-4.10	93	59	74	5	1517
Kinston	0.14	-1.19	33.46	3.09	98	72	85	7	2713
Maxton	0.25	-0.87	22.70	-6.24	101	74	87	7	2966
Mount Airy	0.49	-0.45	26.52	-2.33	96	66	80	6	2116
New Bern	1.04	-0.50	37.72	5.57	97	75	86	7	2861
North Wilkesboro	0.37	-0.55	23.94	-7.20	96	68	82	6	2276
Oxford	0.24	-0.81	30.61	3.54	96	72	84	6	2424
Raleigh-Durham	0.16	-0.79	34.08	8.13	97	74	85	7	2721
Reidsville	1.01	0.04	31.01	2.14	97	70	83	6	2374
Roanoke Rapids	0.69	-0.34	29.71	2.46	99	75	86	8	2582
Robbinsville	0.83	-0.31	28.77	-12.72	90	62	75	2	1998
Rockingham	0.18	-1.14	20.47	-9.54	97	74	85	7	2850
Roxboro	0.79	-0.24	28.92	1.21	94	70	82	6	2344
Southern Pines	0.31	-0.79	21.84	-7.19	99	75	86	8	2812
Statesville	0.54	-0.30	24.17	-3.79	97	68	82	5	2298
Tarboro	0.05	-1.00	31.65	4.50	96	75	85	6	2572
Vale	0.03	-0.82	24.52	-4.41	97	68	82	5	2420
Wallace	0.00	-1.59	31.75	-0.34	100	73	87	7	2783
Washington	0.62	-0.56	33.41	4.33	95	74	85	7	2683
Waynesville	0.79	-0.05	20.51	-9.90	94	63	77	7	1820
Whiteville	0.00	-1.28	42.22	11.96	96	74	85	5	2809
Williamston	1.06	-0.12	33.82	4.74	96	74	85	7	2644
Willimnton	0.00	-1.75	32.99	0.02	98	77	87	6	3011
Wilson	1.66	0.52	34.89	6.37	97	74	86	7	2743
Winston Salem	0.56	-0.39	23.20	-2.77	97	73	84	7	2591

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.



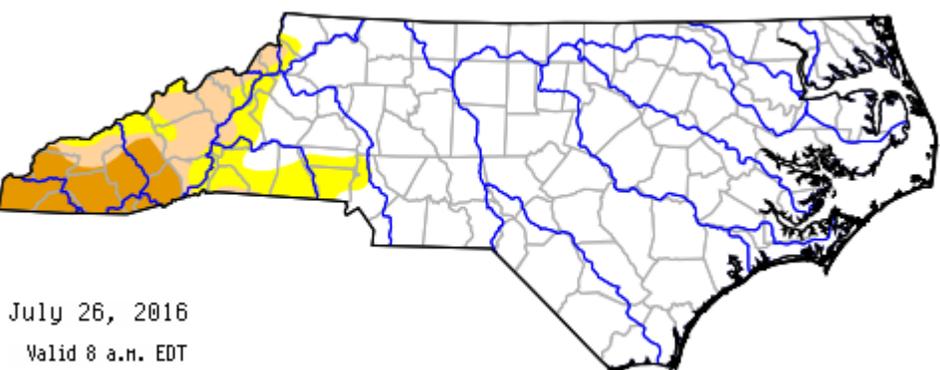
US DROUGHT MONITOR OF NORTH CAROLINA

<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



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)