

North Carolina Weather & Crops Report

Released July 18, 2016



CROP SUMMARY FOR THE WEEK ENDING JULY 17, 2016

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
5.5	5.6	6.0	5.4

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	2	13	72	13
Subsoil Moisture	1	13	74	12

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- Silking	93	89	92	94
Corn – Dough	60	42	49	55
Corn – Dented	10	n/a	n/a	15
Cotton – Squaring	83	68	87	88
Cotton – Setting Bolls	24	12	38	40
Peanuts – Pegging	65	40	64	75
Soybean – Emerged	98	94	97	93
Soybean – Blooming	32	25	34	27
Soybean – Setting Pods	14	n/a	12	n/a
HARVESTED:				
Hay 2 nd Cutting	45	31	39	49
Peaches	46	41	40	45

CROP CONDITION PERCENT

	VP	P	F	G	EX
Corn	3	5	23	53	16
Cotton	3	7	28	56	6
Hay	1	8	40	46	5
Pasture	3	12	37	42	6
Peanut	0	2	16	68	14
Soybean	0	4	25	57	14
Sorghum	1	4	21	69	5
Sweet Potato	0	0	21	73	6
Tobacco: Flue Cured	0	4	19	64	13
Tobacco: Burley	0	0	20	74	6
Peach	15	11	48	19	7
Apple	10	12	42	35	1

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

The county is starting to get dry. Water level in the creeks and river are getting low.

Julia Houck – Ashe-Alleghany Co FSA

Recent rains have offset what was shaping up to be severe drought conditions across the region. Some isolated area were hit with high winds and hail causing damage to tobacco and corn.

Dwayne Tate – Agronomist Region 12

Scattered rain showers continued this week; however, amounts were light and highly variable ranging from less than .5" to around 1.5" depending on location in the county. The corn crop is still suffering and pastures are failing with some livestock producers already having to supplement with hay. Second cutting hay is going to be short due to the dry weather and many producers are concerned if they will be able to produce enough hay to get them through the winter.

Stanley Holloway – Yancey County Extension

Franklin County has had over 20 inches of rain since the Flue Cured tobacco crop was planted. Tobacco is suffering in some areas. We have had hail storms and wind damage. Over 125 acres have been mowed and destroyed.

Charles Mitchell – Franklin County Extension

Rain and hail bad storms the last three weeks. With all the rain most corn will make through harvest. Soybeans are looking better coming out of soil born diseases. Tobacco is being cut on the bottom leaves. Pastures are improving.

Gary Cross – Person County Extension

With some recent rainfall, corn and soybeans are looking pretty good. Farmers are spraying milo for the sugarcane aphid, which has shown up in the last few weeks.

Stephen Bishop – Cleveland SWCD

The area has had regular rain events, some heavy at times, over the past week.

Page Burns – Richmond County Extension

Many areas received 6+ inches of rain on 7/16 and 7/17 in a short time. Flooded fields and hail damage reported in tobacco.

Tobacco harvest has begun as weather permits.

Mike Wilder – Agronomist Region 6

Wet weather has slowed most field activity. Corn is looking well with consistent moisture. Soybeans are looking better, but low areas in fields have been affected by wet weather.

Daniel Simpson – Pamlico County Extension

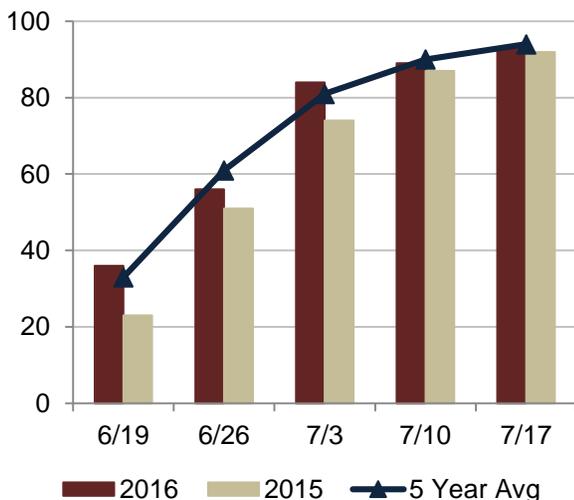
Rains on Friday and Saturday have helped all crops. it was extremely dry in parts of Johnston County, North Carolina. Some areas received excessive rain.

Cathy Herring – Central Crops Research Station

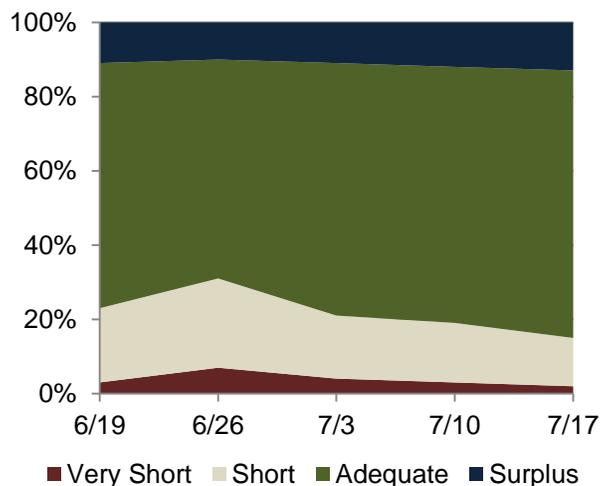
Crop conditions continue to improve with frequent rain showers despite the heat. Some reports of corn at black layer with good yields expected. Tobacco, soybeans, peanuts, and cotton look good overall.

Mac Malloy – Robeson County Extension

CORN PERCENT SILKING



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK ENDING JULY 17, 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	1.90	0.99	22.21	-4.15	93	68	80	2	2110
Asheville	1.41	0.57	20.85	-6.18	88	63	75	3	1849
Burlington	1.03	-0.02	21.82	-3.76	94	69	80	1	2142
Charlotte	0.70	-0.16	19.40	-4.75	97	67	82	2	2360
Clayton	2.30	1.20	28.74	3.66	93	69	80	1	2039
Clinton	2.16	0.76	26.56	-0.32	94	69	81	2	2269
Dunn	1.92	0.59	25.02	-2.16	95	71	82	4	2279
Elizabeth City	1.00	-0.15	24.25	-2.09	95	69	81	3	2101
Fayetteville	0.60	-0.59	23.75	-1.75	98	72	84	4	2545
Gastonia-Gaston	1.29	0.52	18.94	-5.51	95	67	81	3	2354
Goldsboro	1.82	0.57	28.06	1.22	96	71	83	2	2433
Greensboro	0.12	-0.93	25.30	1.30	94	70	81	4	2199
Greenville	1.17	0.00	39.02	12.52	95	71	82	3	2277
Hickory	3.56	2.62	24.38	-4.06	93	67	79	2	2138
Jefferson	0.13	-0.88	25.07	-3.08	86	55	70	0	1187
Kinston	1.36	0.02	31.58	3.90	96	69	82	3	2250
Maxton	1.74	0.54	21.63	-5.00	98	70	83	3	2479
Mount Airy	1.98	0.94	25.73	-1.20	92	61	76	2	1706
New Bern	1.50	0.03	35.69	6.62	96	71	83	4	2383
North Wilkesboro	1.16	0.18	23.37	-5.87	92	63	77	2	1850
Oxford	1.97	0.92	30.28	5.31	94	68	80	2	1970
Raleigh-Durham	3.93	2.94	33.92	9.90	95	68	82	3	2247
Reidsville	1.11	-0.01	30.00	3.17	93	68	79	2	1934
Roanoke Rapids	0.71	-0.34	28.64	3.47	95	70	82	4	2100
Robbinsville	0.37	-0.75	27.53	-11.70	84	62	73	-2	1637
Rockingham	1.66	0.13	19.54	-7.70	95	69	81	3	2379
Roxboro	2.44	1.32	28.13	2.56	92	68	79	3	1917
Southern Pines	1.75	0.56	20.88	-5.90	97	69	83	4	2333
Statesville	1.32	0.42	23.63	-2.65	92	64	78	0	1869
Tarboro	4.79	3.80	30.80	5.75	94	69	81	3	2112
Vale	1.30	0.39	24.00	-3.20	95	66	78	1	1987
Wallace	0.76	-0.89	31.25	2.42	98	70	83	3	2295
Washington	1.93	0.74	32.43	5.72	94	70	82	4	2219
Waynesville	0.52	-0.25	18.92	-9.84	90	57	74	4	1502
Whiteville	6.24	4.96	39.02	11.37	95	69	82	1	2343
Williamston	1.41	0.22	32.69	5.98	95	71	82	3	2165
Willimnton	1.56	-0.19	31.04	1.62	97	72	83	3	2526
Wilson	2.10	0.87	32.41	6.24	94	70	82	3	2268
Winston Salem	0.27	-0.78	22.64	-1.36	93	69	80	3	2127

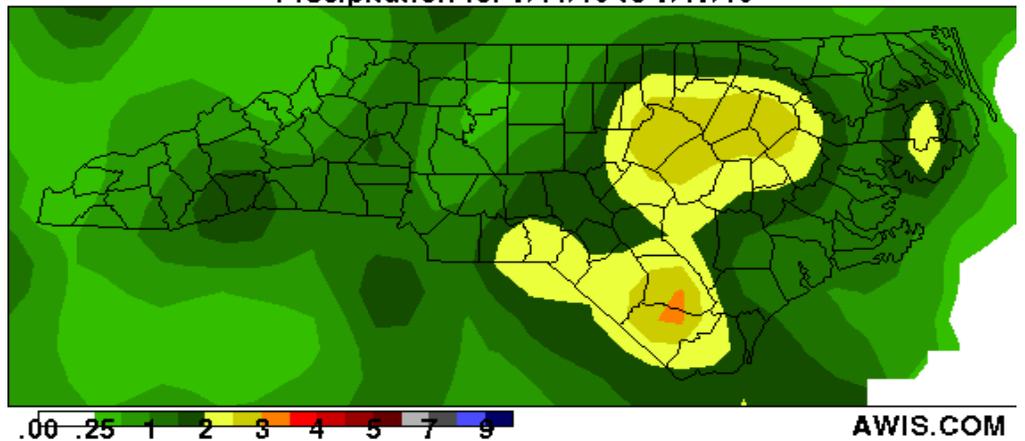
¹ Precipitation data considered preliminary *Data not available.

PRECIPITATION SUMMARY

<http://www.awis.com>

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc.

Precipitation for 7/11/16 to 7/17/16



US DROUGHT MONITOR OF NORTH CAROLINA

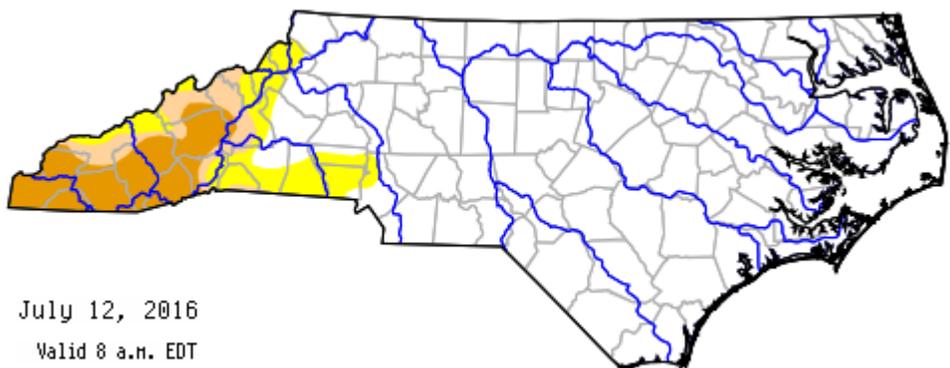
<http://www.ncdrought.org/>

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

July 12, 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)