

North Carolina Weather & Crops Report

Released July 25, 2016



CROP SUMMARY FOR THE WEEK ENDING JULY 24, 2016

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.3	5.5	5.9	5.5

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	3	21	66	10
Subsoil Moisture	2	13	74	11

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	96	93	94	97
Corn – Dough	75	60	68	73
Corn – Dented	28	10	30	32
Cotton – Squaring	90	83	93	92
Cotton – Setting Bolls	50	24	57	60
Peanuts – Pegging	79	65	77	86
Soybean – Blooming	46	32	44	39
Soybean – Setting Pods	23	14	20	16
HARVESTED:				
Apple	10	n/a	n/a	n/a
Hay 2 nd Cutting	55	45	46	55
Peaches	50	46	51	55
Tobacco: Flue Cured	10	n/a	n/a	13

CROP CONDITION PERCENT

	VP	P	F	G	EX
Corn	3	6	25	50	16
Cotton	3	7	27	57	6
Hay	1	9	40	45	5
Pasture	3	12	40	39	6
Peanut	0	3	16	66	15
Soybean	1	5	25	53	16
Sorghum	1	4	21	68	6
Sweet Potato	0	0	21	73	6
Tobacco: Flue Cured	1	4	20	63	12
Tobacco: Burley	0	0	20	74	6
Peach	15	11	48	19	7
Apple	11	12	42	34	1

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

Excess temperature, inadequate moisture, and a light breeze have really harmed crops in the last 10 days. With no relief in sight, corn yield is declining, tobacco harvest is moving later into the season, and soybean growth is slow to non-existent. Group IV and early Group V beans that are blooming are having a hard time setting pods. **Tim Hambrick – Forsyth County Extension**

Drought conditions continue with high temperatures and little to no precipitation. A few scattered rain showers brought small amounts (0.1" - 0.3") of precipitation to some areas of the county but did little to alleviate the dry soil conditions. Corn is tasseling very short and pastures are drying up. **Stanley Holloway – Yancey County Extension**

Rutherford County is extremely dry. Despite the brief showers in areas of the county over the last month the lack of rain in June will be hard to overcome. **Janice Nicholson - Rutherford County Extension**

Tobacco getting target spot due to wet and humid conditions. Soybeans after wheat look very good. Corn is looking very good. Some have started second cuttings on hay. **Gary Cross – Person County Extension**

Tobacco growers are beginning to harvest the crop for the first time. Corn, soybeans, and other crops are starting to show signs of stress from the lack of moisture/rainfall. **Joey Knight – Caswell County Extension**

Crop conditions are very good overall. Recent timely rains have helped although some areas have gotten too much, but these areas are small. The corn crop is essentially made, so the hot weather this week should not be an issue. If the hot weather turns into an extended period, crops that are making now may suffer. **Don Nicholson – Agronomist Region 7**

Some areas have received a little rain but many have not. Corn is starting to suffer due to the lack of rain. **Danelle Cutting – Rowan County Extension**

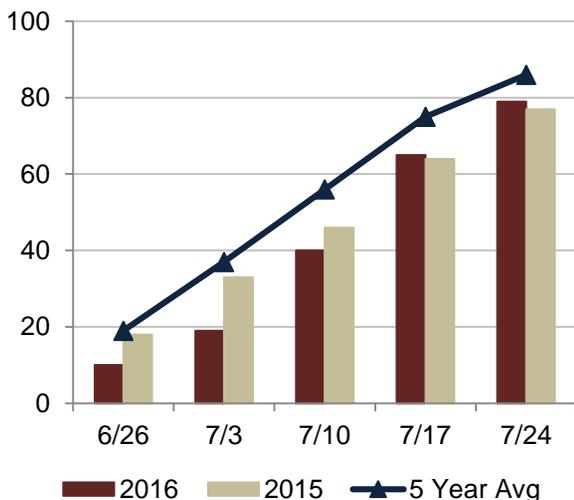
Drier and warmer weather at the end of the week is speeding field activity. Tobacco is beginning to be harvested, potatoes are almost completed, corn is drying down, and soybeans are flowering. Turf grass is also being cut. Third hay cutting is complete. **Daniel Simpson – Pamlico County Extension**

Hot weather is having an adverse effect on all crops. Storms caused wind damage in areas of the county in the past week. **Cathy Herring – Central Crops Research Station**

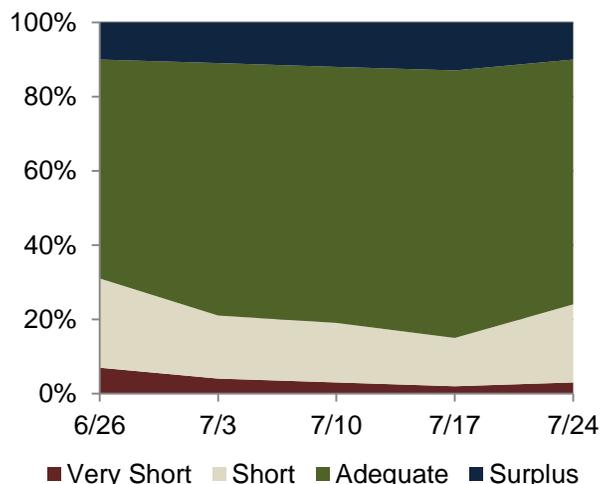
Crops growth is progressing well. Tobacco harvest has begun. Recent rains have delayed bermuda hay harvest pushing many fields past its prime. **Mac Malloy – Robeson County Extension**

Excessive rainfall in a portion of the county. 14.3 inches of rainfall in 4 days. Drowned and windblown tobacco. **Art Bradley – Edgecombe County Extension**

PEANUTS PERCENT PEGGING



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK ENDING JULY 24, 2016

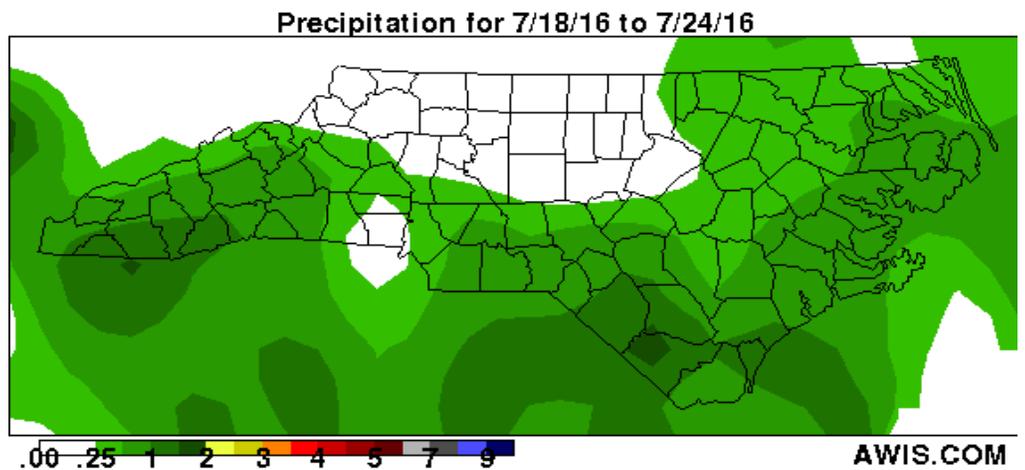
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro	0.08	-0.86	20.94	-6.36	94	68	81	3	2362
Asheville	0.27	-0.57	21.12	-6.75	91	65	77	4	2042
Burlington	0.00	-0.98	21.82	-4.74	94	66	81	2	2359
Charlotte	0.38	-0.51	19.78	-5.26	96	69	82	2	2588
Clayton	0.00	-1.12	28.74	2.54	93	68	80	0	2248
Clinton	0.10	-1.30	26.66	-1.62	92	70	81	2	2488
Dunn	0.40	-0.89	25.16	-3.31	95	70	82	4	2490
Elizabeth City	0.09	-1.07	24.34	-3.16	93	68	81	2	2319
Fayetteville	0.91	-0.28	24.66	-2.03	95	70	83	3	2778
Gastonia-Gaston	0.03	-0.76	18.97	-6.27	95	68	81	3	2575
Goldsboro	0.07	-1.19	28.13	0.03	95	69	82	1	2661
Greensboro	0.00	-1.02	25.30	0.28	95	69	82	4	2425
Greenville	0.10	-1.09	39.12	11.43	95	69	82	2	2502
Hickory	0.31	-0.60	24.69	-4.66	93	68	80	3	2351
Jefferson	0.00	-0.98	25.07	-4.06	92	55	72	3	1346
Kinston	1.74	0.38	33.32	4.28	93	67	81	2	2466
Maxton	0.82	-0.37	22.45	-5.37	94	70	82	2	2705
Mount Airy	0.30	-0.68	26.03	-1.88	95	62	78	3	1903
New Bern	0.99	-0.55	36.68	6.07	93	69	82	2	2608
North Wilkesboro	0.20	-0.78	23.57	-6.65	92	65	79	3	2053
Oxford	0.09	-0.96	30.37	4.35	94	68	80	2	2181
Raleigh-Durham	0.00	-0.98	33.92	8.92	95	70	82	3	2474
Reidsville	0.00	-1.07	30.00	2.10	95	66	80	3	2145
Roanoke Rapids	0.38	-0.67	29.02	2.80	96	70	82	4	2329
Robbinsville	0.41	-0.71	27.94	-12.41	90	64	76	3	1820
Rockingham	0.75	-0.70	20.29	-8.40	94	70	82	3	2601
Roxboro	0.00	-1.11	28.13	1.45	93	66	79	3	2120
Southern Pines	0.65	-0.50	21.53	-6.40	96	68	82	3	2557
Statesville	0.00	-0.84	23.63	-3.49	93	66	79	2	2072
Tarboro	0.80	-0.25	31.60	5.50	92	69	80	2	2327
Vale	0.49	-0.39	24.49	-3.59	94	67	79	2	2192
Wallace	0.50	-1.17	31.75	1.25	95	68	81	0	2518
Washington	0.36	-0.83	32.79	4.89	92	68	81	2	2436
Waynesville	1.14	0.33	19.78	-9.79	91	60	76	6	1642
Whiteville	3.20	1.87	42.22	13.24	93	69	81	0	2564
Williamston	0.07	-1.12	32.76	4.86	98	69	83	4	2396
Willimnton	1.95	0.15	32.99	1.77	92	70	82	0	2750
Wilson	0.82	-0.39	33.23	5.85	95	70	82	3	2491
Winston Salem	0.00	-1.02	22.64	-2.38	94	68	82	4	2349

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

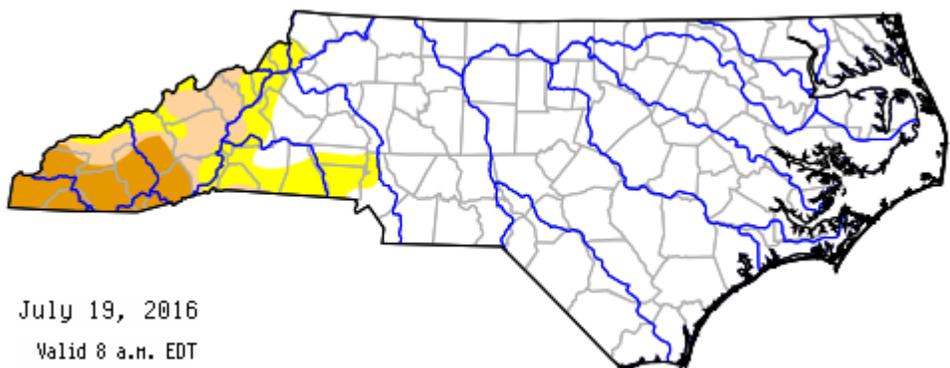
<http://www.ncdrought.org/>

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

July 19, 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)