

North Carolina Weather & Crops Report

Released: July 15, 2019



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North Carolina
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CROP SUMMARY FOR THE WEEK ENDING JULY 14, 2019

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
5.9	5.9	6.5	6.0

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Subsoil Moisture	6	25	66	3
Topsoil Moisture	6	23	69	2

VS= Very Short ST = Short A = Adequate SS = Surplus

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PLANTED:				
Sorghum	93	91	98	87
Sweet Potatoes	96	92	98	98
PHENOLOGICAL:				
Corn Silking	80	62	89	90
Corn Dough	38	15	73	48
Cotton Squaring	82	69	77	80
Cotton Setting Bolls	35	19	22	23
Peanuts Pegging	57	46	60	63
Soybeans Emerged	95	91	95	96
Soybeans Blooming	22	13	36	32
HARVESTED:				
Hay: Second Cutting	44	35	44	43
Oats	91	88	93	93
Peaches	51	38	28	39
Wheat	93	89	98	98

CROP CONDITION PERCENT

	VP	P	F	G	EX
Apples	1	1	22	68	8
Corn	9	21	29	36	5
Cotton	3	11	29	54	3
Hay	1	4	31	60	4
Pasture	1	6	30	58	5
Peaches	1	1	21	71	6
Peanuts	2	6	27	61	4
Sorghum	3	7	45	45	0
Soybeans	2	11	29	51	7
Sweet Potatoes	2	5	25	57	11
Tobacco: Flue-cured	3	10	29	53	5
Tobacco: Burley	0	13	51	35	1

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

Scattered rain showers and thunderstorms limited field activities in some areas of the county. Some of the storms brought significant rainfall over a short period of time resulting in minor flash flooding. Precipitation levels were variable across the county with most areas receiving around 1.5"; however, parts of the southern portion of the county reported over 4" of rain. Temps were near normal to slightly above normal.

Stanley Holloway – Yancey County Extension

Typical July weather with warm and wet conditions with widespread scattered PM Thundershowers. Rainfall in some locations 2.5+" and others only a .25", however the coverage of rainfall was that most got some good rainfall. Everything is green!

Robert Hawk – Jackson/ Swain County Extension

Dry with high humidity all crops under stress.

Gary Cross – Person County Extension

Rain received the past seven days has helped crops tremendously. **Cathy Herring – Central Crops Research Station**

Spotty storms provided substantial rain for some across both the northern and southern parts of the county. Pastures look as good as they have in a long time. Wheat is harvested, while soybeans and tobacco look strong. In general, crops look good but heat is on the way. **Michael Yoder - Wake County Extension**

Irrigated crops are doing well. The two droughts have taken a toll on all dry land crops. Insect pressure is high.

Carrie Ortel – Pitt County Extension

Wide spread showers returned across Pender County this week. Water will help field corn fill ears and finish but much of the corn had already pollinated during drought conditions so yield reductions will be widespread. Rain has boosted soybeans stands and yield potential with many fields just starting to flower and set pods and water will help grass production in pastures and for

baled hay production later this summer.

Mark Seitz – Pender County Extension

Summer heat and dry weather is beginning to take a toll on field crops and pastures. Some disease is now showing up in tobacco due to stress. Soybeans are trying to grow, but lack of moisture has set them back some. We still have soybeans being planting in Franklin County last week. The vegetable crops are showing signs of stress now as well.

Charles Mitchell - Franklin County Extension

Scattered rainfall from 1.5-5.0 inches provided drought relief for tobacco, cotton, peanut, sweet potato, and soybean crops yet too late for most corn. While this provides temporary relief from drought, extreme heat continues to slow plant growth. Field work, while still limited due to heat, involves topping and sucker control for tobacco: herbicide application to peanut and soybean crops: and, spot application of plant growth regulators for cotton.

Mike Carroll – Craven County Extension

Thunderstorms have field crops doing ok in most parts of the county. **Stephen Bishop - Cleveland County Extension**

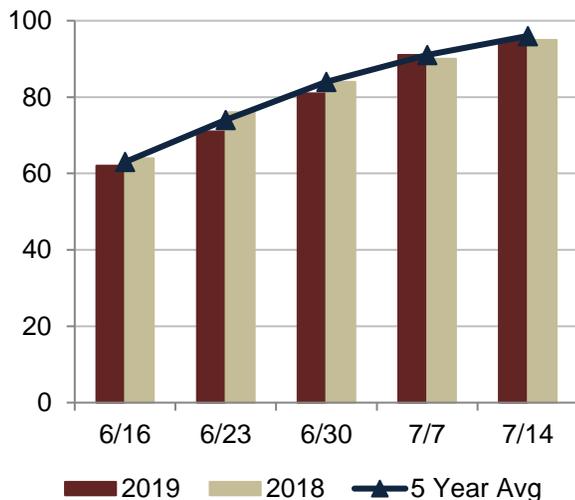
Very dry in many parts of the county. From May to July, the northern area of the county has received significant rainfall (over 8 inches) while areas in the southern end have received under 5 inches. **Paige Burns – Richmond County Extension**

Don Nicholson – Agronomist Region 7

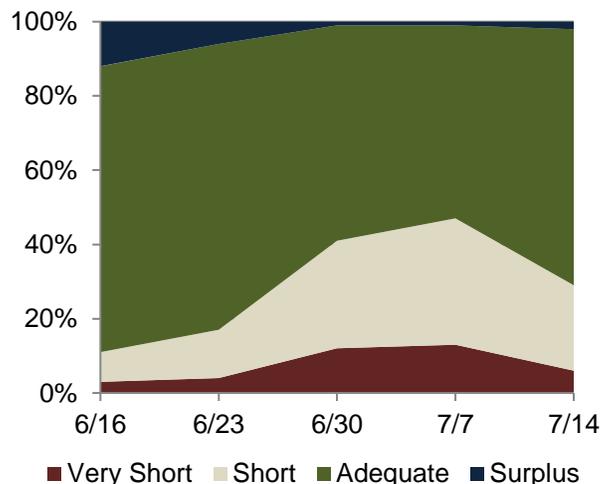
Rain during the week brought much needed moisture and a slight reprieve from high temperatures. Soybeans are finally starting to grow, with some areas showing signs of poor growth from drought conditions followed by excessively wet conditions.

Daniel Simpson – Pamlico County Extension

SOYBEAN EMERGED PERCENT



TOPSOIL MOISTURE PERCENT



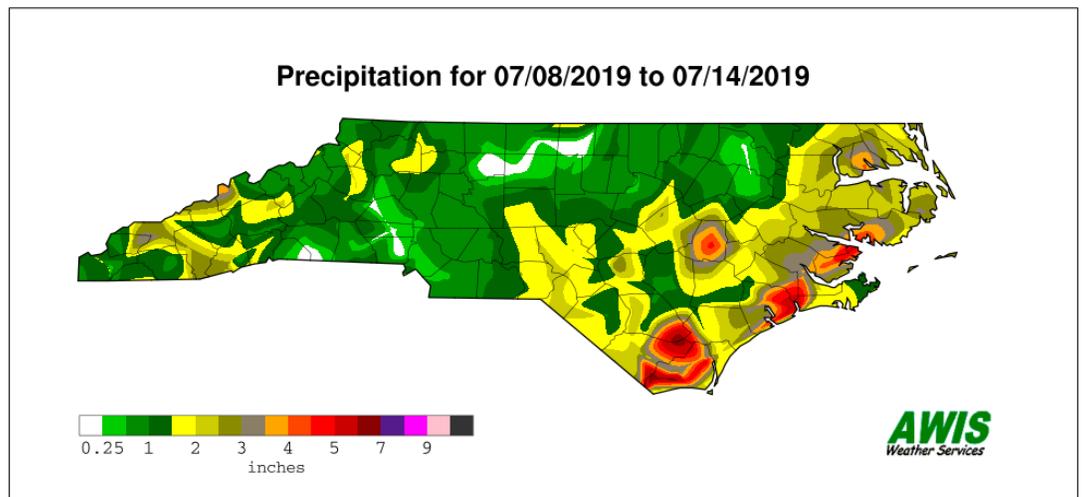
WEATHER SUMMARY FOR THE WEEK ENDING JULY 14, 2019 ¹

Location	Precipitation (Inches)				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 Airport	1.86	0.85	20.37	-4.68	91	70	79	1	2295
Asheville Municipal	0.77	-0.08	35.75	9.23	90	68	78	5	2002
Boone	0.76	-0.29	34.81	5.28	85	62	72	5	1404
Burlington AP	0.58	-0.47	25.72	0.92	97	71	82	4	2576
Charlotte	0.37	-0.47	27.91	4.28	96	71	83	3	2616
Clayton WTP	2.56	1.44	30.76	5.91	93	69	80	1	2389
Clinton_2NE	1.82	0.23	21.89	-6.04	97	69	80	1	2666
Elizabeth City	2.22	1.10	26.55	0.85	92	65	81	2	2701
Elizabethtown_NC	1.08	-0.33	20.94	-4.47	97	72	83	4	2927
Erwin_AP	1.66	0.41	23.39	-2.53	94	72	83	4	2713
Fayetteville_AP	1.64	0.41	22.99	-1.68	96	73	83	3	2907
Frisco_2NNE	2.76	1.70	33.29	5.51	91	74	82	3	2906
Gastonia-Gaston	0.46	-0.45	28.69	3.03	95	71	83	4	2666
Goldensboro_AFB	4.72	3.50	23.69	-2.47	98	70	83	3	2834
Greensboro_AP	0.14	-0.91	29.85	6.42	93	70	80	3	2350
Greenville Airport	1.90	0.78	22.43	-4.05	95	68	81	2	2686
Hickory	0.16	-0.81	22.66	-5.24	93	70	79	2	2203
Jacksonville AP	0.97	-0.65	13.44	-13.67	96	70	82	2	2805
Jacksonville_EOC	4.28	2.66	22.39	-4.72	95	69	81	2	2813
Jefferson_2E	1.35	0.30	35.86	9.75	84	60	71	2	1331
Kinston Airport	2.02	0.83	20.36	-5.82	95	70	82	1	2751
Louisburg	0.99	0.07	31.24	6.73	93	68	81	3	2397
Maxton	1.73	0.27	22.55	-4.26	97	73	84	4	2904
Mt_Airy_2W	0.26	-0.79	31.75	7.02	92	64	76	2	1863
New_Bern	3.55	2.11	23.17	-5.13	95	70	81	2	2816
North_Wilkesboro	1.75	0.78	37.42	9.91	90	68	78	2	2104
Oxford_AP	0.58	-0.45	23.79	-0.02	91	66	78	1	2052
Raleigh-Durham	0.46	-0.52	25.69	2.23	95	72	82	3	2493
Reidsville_2NW	0.23	-0.84	29.36	5.05	91	68	78	2	2167
Roanoke_Rap_Dam	0.91	-0.14	26.15	1.34	94	68	81	3	2432
Robbinsville_AG	3.31	2.07	51.27	15.15	86	65	74	1	1777
Rockingham	1.55	0.09	20.44	-5.79	93	70	81	2	2653
Roxboro Airport	1.11	0.06	26.00	2.48	90	68	78	2	2056
Southern_Pines	1.63	0.45	21.90	-3.67	94	72	81	3	2682
Statesville_2NNE	0.87	0.03	29.38	4.00	94	68	79	2	2155
Tarboro_1S	0.26	-0.74	21.42	-3.61	95	68	81	3	2567
Vale_Ag_2SW	1.49	0.44	32.65	6.54	94	69	79	2	2185
Wadesboro Airport	1.10	-0.09	22.92	-3.09	93	70	81	2	2550
Washington_AP	2.10	0.86	22.46	-3.66	96	67	82	3	2732
Waynesville_1E	0.61	-0.30	34.98	8.30	86	63	75	5	1624
Whiteville_7NW	1.96	0.56	19.12	-8.36	95	70	81	0	2750

¹ This data is made possible by AWIS Weather Services, Inc. <http://www.awis.com/>

PRECIPITATION SUMMARY

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc. <http://www.awis.com/>

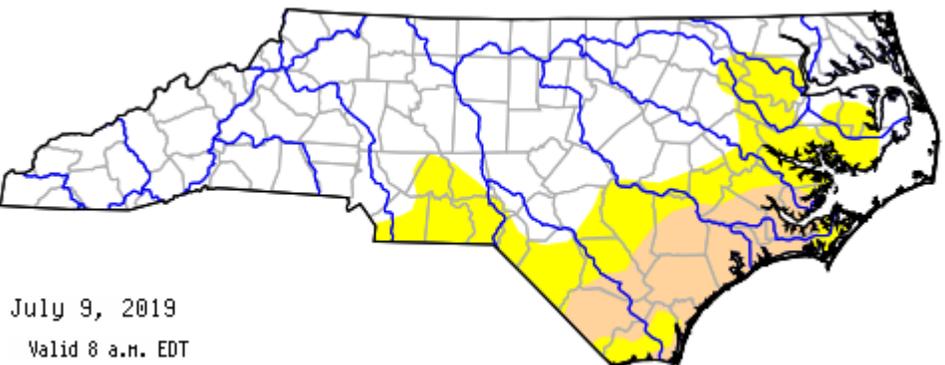


US DROUGHT MONITOR OF NORTH CAROLINA

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

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought



July 9, 2019
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)