

North Carolina Weather & Crops Report

Released: July 22, 2019



CROP SUMMARY FOR THE WEEK ENDING JULY 21, 2019

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.4	5.9	6.2	5.9

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Subsoil Moisture	6	30	61	3
Topsoil Moisture	9	33	56	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	95	93	100	N/A
PHENOLOGICAL:				
Corn Silking	89	80	93	94
Corn Dough	53	38	61	64
Corn Dented	16	N/A	21	24
Cotton Squaring	90	82	85	88
Cotton Setting Bolls	53	35	40	48
Peanuts Pegging	72	57	75	78
Soybeans Blooming	36	22	47	43
Soybeans Setting Pods	18	N/A	20	20
HARVESTED:				
Hay: Second Cutting	53	44	50	52
Oats	94	91	97	94
Peaches	55	51	38	48

CROP CONDITION PERCENT

	VP	P	F	G	EX
Apples	1	1	20	71	7
Corn	9	21	30	34	6
Cotton	4	17	28	45	6
Hay	1	3	32	62	2
Pasture	1	9	33	55	2
Peanuts	3	7	30	53	7
Sorghum	2	15	38	43	2
Soybeans	3	11	32	44	10
Sweet Potatoes	1	5	33	50	11
Tobacco: Flue-cured	2	12	30	50	6
Tobacco: Burley	0	16	56	27	1

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

Above average temperatures and highly scattered thunderstorms predominated the week. Precipitation levels were highly variable across the county with some areas receiving little more than a trace, while other areas of the county received in excess of 2" of rain for the week. Vegetable harvest continues and a few hay producers started harvesting second cutting hay.

Stanley Holloway – Yancey County Extension

Weather has been very warm with temperatures slightly above normal and rainfall near normal with scattered afternoon thundershowers, most locations getting between .5" - 1.5" of rainfall.

Robert Hawk – Jackson/ Swain County Extension

Extreme heat taking a toll on all crops.

Gary Cross – Person County Extension

Very hot temperatures have taken a toll on crops over the past week.

Cathy Herring – Central Crops Research Station

Scattered showers across the county have helped soil moisture and crop conditions keep pace with the excessive heat. Early planted corn is beginning to dry down. Soybeans are in good to very good shape - depending on soil moisture holding capacity. Pastures are rebounding some with recent rainfall but lack of soil fertility could be a limiting factor. Eastern Duplin County to the North of Pender has not gotten the rain that Pender has and crops there are struggling.

Mark Seitz – Pender County Extension

Hot and dry conditions for the week of 7/15-7/22. These conditions caused a few pop-up thunderstorms with limited rainfall.

Tim Britton – Johnston County Extension

The heat wave and drought has created some up and down crops. Some tobacco is still knee high where some is over head height. Soybean planting is finally complete. Vegetable crops have suffered from the dry and hot conditions. Pasture and hay fields have suffered during the extreme weather conditions. As one farmer said, "Every year is different."

Charles Mitchell - Franklin County Extension

Extreme heat and lack of rainfall continues to stress crops and delay field work. Insect pests at threshold in cotton and soybean as well as a few scattered tobacco fields.

Mike Carroll - Craven County Extension

Intense heat is restricting plant growth and some needed spraying. Soil conditions are drying out in areas that have missed rains. Concerns of increased insect pressure moving forward.

Mac Malloy – Robeson County Extension

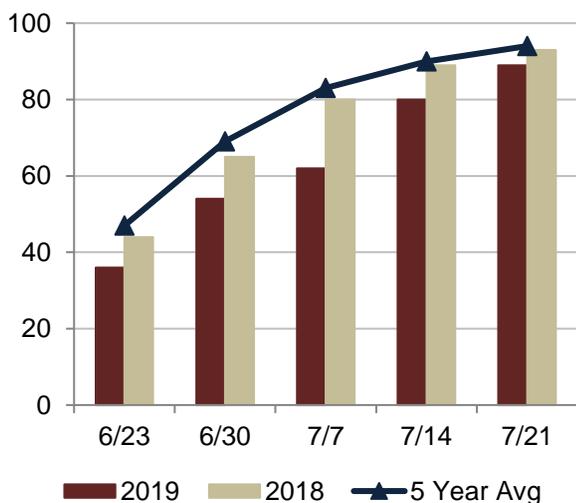
Dry, hot weather continues. Early corn will be ready for harvest in a couple of weeks. Early soybeans have added considerable growth, but later planted beans are feeling the effects of this hot weather.

Daniel Simpson – Pamlico County Extension

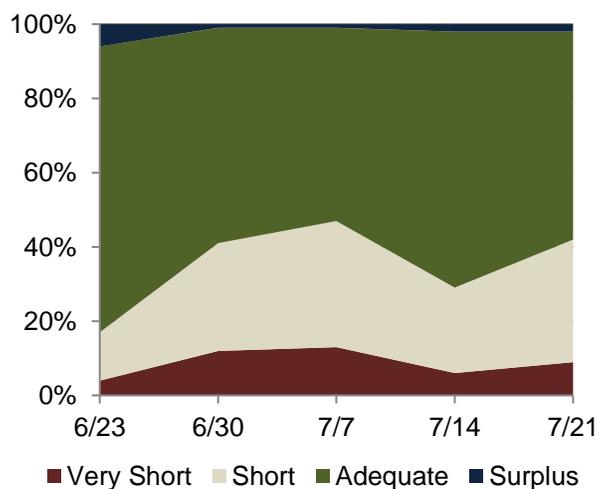
Recent rains have replenished soil moisture resulting in greatly improved conditions of crops such as corn, soybean and cotton. Abnormally high temperatures has adversely impacted crops such as corn and soybean on drought prone soils. With a few exceptions, cabbage harvest is complete as well as Irish potato harvest. Cabbage land is being prepared for the fall crop. Insect and/or disease issues of corn and soybean are being addressed as needed.

AL Wood – Pasquotank County Extension

CORN SILKING PERCENT



TOPSOIL MOISTURE PERCENT



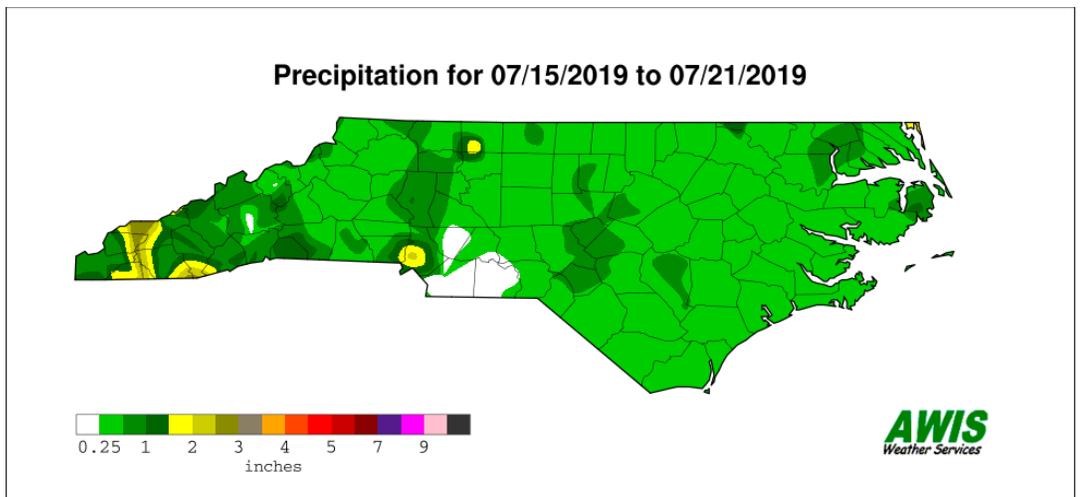
WEATHER SUMMARY FOR THE WEEK ENDING JULY 21, 2019 ¹

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	0.07	-0.98	20.44	-5.66	95	69	82	3	2520
Asheville Municipal	0.26	-0.58	36.01	8.65	93	65	78	5	2198
Boone	0.10	-0.95	34.91	4.33	87	61	74	6	1573
Burlington AP	0.17	-0.88	25.89	0.04	100	72	86	6	2829
Charlotte	2.27	1.37	30.18	5.65	98	72	84	4	2858
Clayton WTP	0.36	-0.76	31.12	5.15	98	70	83	4	2625
Clinton_2NE	0.12	-1.49	23.49	-6.05	96	73	84	4	2910
Elizabeth City	0.18	-1.01	26.73	-0.16	96	74	85	6	2949
Elizabethtown_NC	0.00	-1.47	20.94	-5.94	98	73	86	6	3180
Erwin_AP	0.35	-0.91	23.74	-3.44	96	73	84	6	2956
Fayetteville_AP	0.09	-1.17	23.08	-2.85	98	73	85	5	3158
Frisco_2NNE	0.00	-1.15	33.29	4.36	94	77	84	5	3150
Gastonia-Gaston	1.08	0.17	29.77	3.20	98	72	84	5	2906
Goldsboro_AFB	0.36	-0.90	24.05	-3.37	97	75	86	4	3085
Greensboro_AP	0.00	-1.05	29.85	5.37	96	73	83	6	2585
Greenville Airport	0.21	-0.97	22.64	-5.02	97	72	85	5	2933
Hickory	0.09	-0.82	22.75	-6.06	94	70	81	4	2429
Jacksonville AP	0.08	-1.60	13.52	-15.27	98	71	85	5	3055
Jacksonville_EOC	0.00	-1.68	20.39	-8.40	98	73	85	4	3059
Jefferson_2E	0.23	-0.82	36.09	8.93	90	59	73	3	1494
Kinston Airport	0.21	-0.99	20.57	-6.81	97	73	85	5	3001
Louisburg	0.02	-0.96	31.26	5.77	98	70	83	5	2633
Maxton	0.42	-0.98	22.97	-5.24	98	71	85	5	3152
Mt_Airy_2W	0.29	-0.76	32.04	6.26	94	65	78	3	2066
New_Bern	0.02	-1.49	23.19	-6.62	96	74	85	6	3066
North_Wilkesboro	0.06	-0.86	37.48	9.05	94	68	81	5	2323
Oxford_AP	0.17	-0.88	23.96	-0.90	96	68	82	4	2278
Raleigh-Durham	0.40	-0.59	26.09	1.64	98	70	84	6	2735
Reidsville_2NW	0.67	-0.42	29.94	4.54	96	70	82	4	2398
Roanoke_Rap_Dam	1.40	0.29	27.55	1.63	98	73	85	6	2678
Robbinsville_AG	2.81	1.55	54.08	16.70	86	64	74	0	1944
Rockingham	0.37	-1.10	20.81	-6.89	96	72	84	5	2893
Roxboro Airport	0.22	-0.83	26.22	1.65	95	66	81	4	2276
Southern_Pines	0.37	-0.82	22.27	-4.49	96	71	84	4	2923
Statesville_2NNE	0.44	-0.40	29.72	3.50	94	66	81	3	2374
Tarboro_1S	0.01	-1.04	21.43	-4.65	98	74	85	7	2820
Vale_Ag_2SW	0.00	-1.04	32.65	5.50	94	68	80	3	2402
Wadesboro Airport	0.08	-1.14	23.00	-4.23	98	70	84	4	2792
Washington_AP	0.03	-1.23	22.49	-4.89	96	74	86	7	2986
Waynesville_1E	0.67	-0.24	36.06	8.47	90	60	73	3	1784
Whiteville_7NW	0.00	-1.40	19.12	-9.76	97	71	84	3	2990

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/>

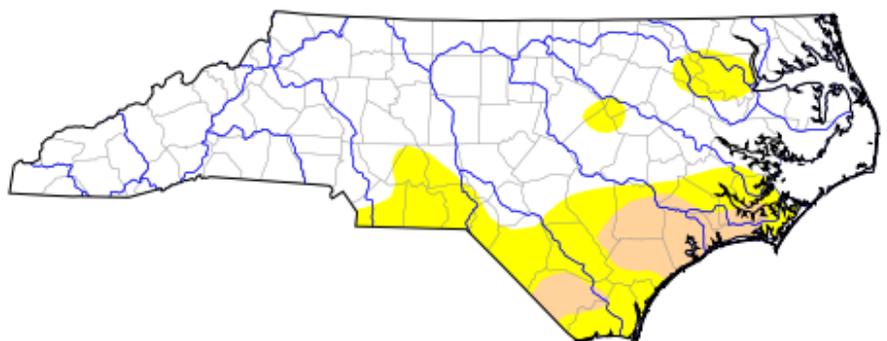


US DROUGHT MONITOR OF NORTH CAROLINA

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



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)