

# North Carolina Weather & Crops Report

Released: July 23, 2018



## CROP SUMMARY FOR THE WEEK OF JULY 22, 2018

### DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.2	6.5	6.0	5.6

### SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	20	36	42	2
Subsoil Moisture	8	28	62	2

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

### CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
<b>PHENOLOGICAL:</b>				
Soybeans Blooming	49	38	44	39
Soybeans Setting Pods	21	11	24	19
Corn Silking	94	90	96	95
Corn Dough	63	46	69	67
Corn Dent	23	n/a	30	26
Cotton Squaring	86	78	88	90
Cotton Setting Bolls	43	24	47	50
Peanuts Pegging	77	62	83	81
<b>HARVESTED:</b>				
Hay: Second Cutting	51	45	51	49
Oats	98	94	100	91
Peaches	40	29	50	50
Tobacco: Flue-cured	11	n/a	11	11

### CROP CONDITION PERCENT

	VP	P	F	G	EX
Apples	0	16	38	46	0
Corn	14	26	34	23	3
Cotton	10	17	27	43	3
Hay	9	22	33	32	4
Pasture	5	13	38	41	3
Peaches	1	15	24	60	0
Peanuts	4	5	35	48	8
Sorghum	7	16	34	42	1
Soybeans	8	13	35	41	3
Sweet Potatoes	2	11	36	49	2
Tobacco: Burley	1	4	42	50	3
Tobacco: Flue-cured	6	13	31	47	3

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

Rainfall has been above normal for the period with heavy Thunderstorms, widespread rainfall of approximately 2". Temperatures near normal with highs in 80s and lows in the 60s. Tomato crops may be suffering from too much rainfall and will confirm for next report.

#### Robert Hawk – Swain County Extension

Dairies are getting ready to start chopping silage corn. Farmers are spraying over top of soybeans. Some hay is still being cut. Overall, most crops in Cleveland County look fair to good.

#### Stephen Bishop – Cleveland SWCD

Lack of rains has allowed, especially with the hot temperatures, corn and soybean fields that do not retain as much water to experience drought stress. Growers are monitoring and addressing pest problems in their corn and soybean crop as needed. Harvesting of Irish potatoes and cabbage is completed.

#### Al Wood - Pasquotank County Extension

Rain has been very localized over the past two months, with many of the agriculture areas getting little if any rain. Many areas did get an inch or more over the weekend however.

#### Paige Burns – Richmond County Extension

Franklin County finally received much needed rain. Many areas had only received .25 to .5 inches of rain over a five week period. Tobacco, soybeans and pastures are showing some response to the much needed rain. The rain was too late for some of the corn crop this year.

#### Charles Mitchell - Franklin County Extension

Extremely dry conditions.

#### Norman Harrell – Wilson County Extension

Some spotty showers crop are progressing corn crop looking some better, tobacco crop being irrigated, soybeans slow growth.

#### Gary Cross – Person County Extension

Scattered afternoon thunderstorms predominated the week with most areas of the county receiving some level of precipitation. Some of the storms brought heavy rainfall with some areas reporting 4"-6" in a short period of time resulting in flash flooding with some isolated crop damage, particularly to vegetable crops. Some hay producers finished harvesting first cutting hay.

#### Stanley Holloway - Yancey County Extension

Most areas have gotten 1-3 inches over the past few days.

#### Tim Britton – Johnston County Extension

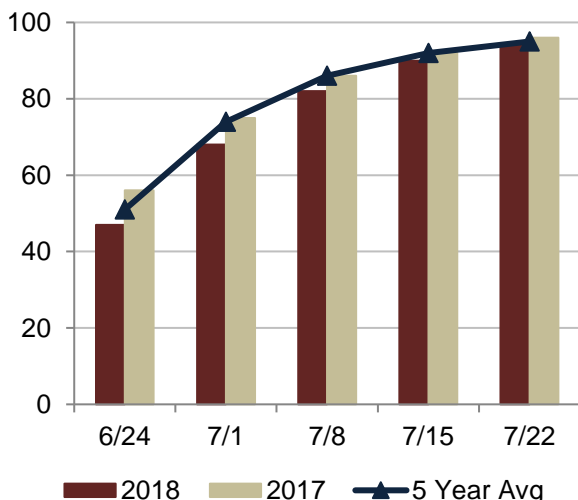
Extremely varied weather limits crop growth. Approximately half of county has experienced extreme heat and little rainfall resulting in poor pollination of corn and poor soybean growth. In contrast, the coastal areas have continued to receive 1-3 inches of rainfall each week preventing much, if any, field work.

#### Mike Carroll - Carteret County Extension

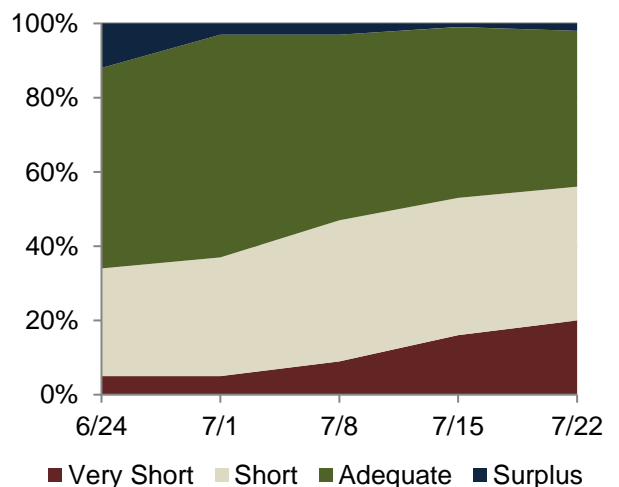
Crops vary in stage greatly due to extended planting season. Added variability results from vast climatic differences. Some areas have experienced high temperatures with no significant rainfall over the past two weeks while others have continued to receive excessive rainfall. Having thus said, harvest of tobacco has begun by most. Some are also making adjustment for low nitrogen, sulfur and potassium. Soybean and cotton producers are applying herbicides for weed control.

#### Mike Carroll - Craven County Extension

### CORN PERCENT SILKING



### TOPSOIL MOISTURE PERCENT



**WEATHER SUMMARY FOR THE WEEK OF JULY 22, 2018**

Location	Precipitation (Inches) <sup>1</sup>				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 2 W	0.11	-0.84	28.22	2.83	90	65	78	0	2128
ASHEVILLE AIRPO	1.74	0.77	42.82	16.85	87	63	74	0	2038
BURLINGTON ALAM	0.14	-1.03	26.13	0.43	95	65	78	0	2490
CHARLOTTE	0.91	0.07	27.32	4.13	92	68	80	1	2606
CLAYTON WTP	4.31	3.03	28.75	3.56	92	63	78	-2	2250
CLINTON 2 NE	0.42	-1.06	25.05	-1.33	92	69	79	-1	2400
ELIZABETH CITY	2.36	1.05	37.16	11.59	91	71	78	-1	2478
ERWIN AP	4.29	2.84	32.89	6.35	94	69	79	-1	2589
FAYETTEVILLE RE	1.27	-0.19	22.17	-1.96	95	68	79	-3	2699
GASTONIA MUNICI	0.06	-0.79	29.63	4.86	93	67	78	0	2572
GOLDSBORO	1.36	0.05	19.86	-5.90	94	68	78	-2	2602
GREENSBORO AP	3.15	2.10	29.31	5.78	92	68	78	-1	2388
GREENVILLE	1.53	0.27	30.24	4.02	95	65	79	-1	2592
HICKORY FAA AIR	0.22	-0.81	35.22	8.80	90	63	75	-3	2259
JEFFERSON 2 E	0.35	-0.45	36.76	5.75	85	53	69	0	1448
KINSTON AG RESE	0.09	-1.17	22.43	-4.20	91	64	76	-5	2341
LAURINBURG MAXT	0.02	-1.01	28.38	7.07	94	70	79	-1	2660
MOUNT AIRY 2 W	0.59	-0.59	31.93	4.82	89	59	75	0	1928
NEW BERN	0.53	-0.92	36.22	8.02	90	69	77	-4	2414
NORTH WILKESBOR	1.24	0.20	34.66	6.04	91	63	77	1	2154
OXFORD AG	0.42	-0.73	30.71	5.85	87	57	73	-6	1976
RALEIGH AP	1.69	0.55	28.01	4.16	97	69	78	-2	2475
REIDSVILLE 2 NW	1.01	-0.10	25.67	-0.94	92	62	77	-1	2216
ROANOKE RAPIDS	1.57	0.41	26.77	1.45	93	63	78	-2	2338
ROBBINSVILLE AG	0.99	0.33	35.93	-0.54	87	60	73	1	1682
ROCKINGHAM	0.41	-1.01	28.30	2.08	93	67	79	-1	2598
ROXBORO 7 ESE	1.30	0.21	23.26	-2.00	88	57	74	-3	1742
SOUTHERN PINES	0.60	-0.56	36.49	11.35	92	67	78	-1	2542
STATESVILLE 2 N	0.03	-0.90	29.65	4.55	91	66	78	2	2182
TARBORO 1 S	0.10	-1.02	18.68	-5.50	93	65	78	-1	2242
VALE AG 2 SW	0.57	-0.37	33.47	7.16	91	65	77	0	2216
WALLACE 1SE	1.75	0.41	34.00	5.05	92	64	78	-2	2360
WASHINGTON	0.52	-0.79	27.56	0.75	91	66	77	-4	2296
WAYNESVILLE 1 E	0.53	-0.31	29.81	1.88	83	58	72	1	1653
WHITEVILLE 7 NW	0.81	-0.51	23.26	-3.12	90	67	79	-1	2471
WILLIAMSTON 1 E	0.41	-0.81	29.76	3.47	91	67	79	0	2454
WILMINGTON INTL	4.34	2.52	51.19	21.96	88	71	78	-3	2678
WILSON 3 SW	1.45	0.18	26.58	0.51	94	65	78	-2	2460
WINSTON SALEM R	2.96	1.80	31.73	5.82	91	65	75	-4	2409

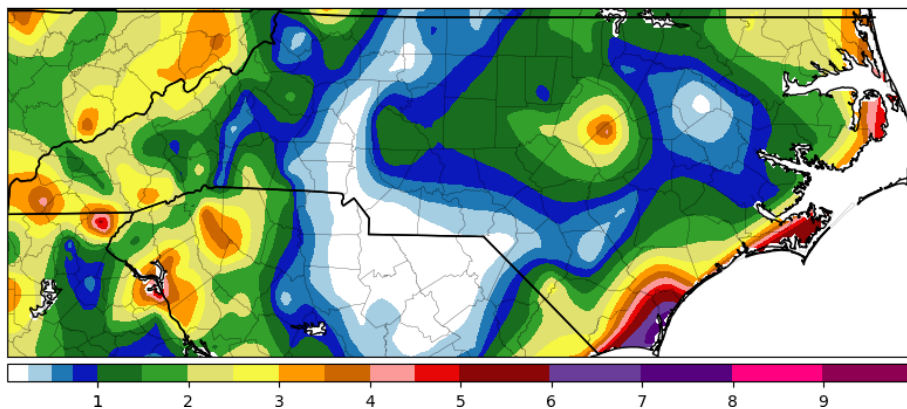
<sup>1</sup>Effective October 15, 2017 the weather data source has been changed. The basic format of the data tables has not changed, but the data content will be based on newer historical datasets used for average calculations and changes in methodology subroutines for missing data.  
<sup>1</sup>Precipitation (rain or melted snow/ice) NOAA Regional Climate Centers data.

**PRECIPITATION SUMMARY**

Map depicts accumulations through dates listed. This product is made possible by Clear Science, Inc.

North Carolina Region

Precipitation Accumulation (Inches)  
2018-07-16 - 2018-07-22



**US DROUGHT MONITOR OF NORTH CAROLINA**

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

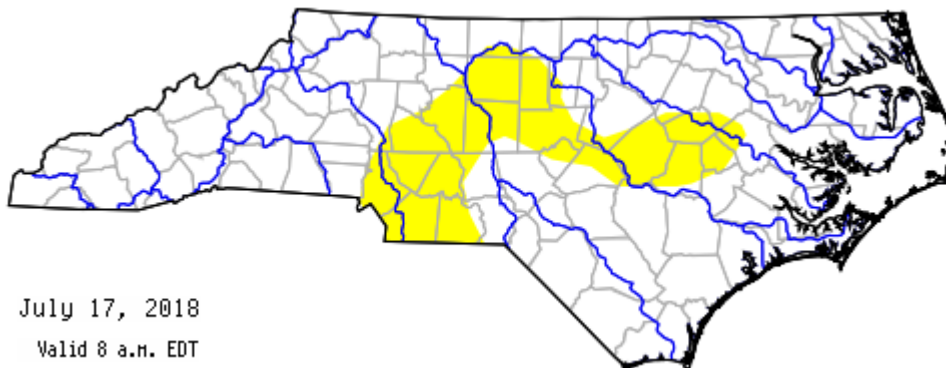
The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

**Drought Classifications**

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

July 17, 2018

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)