

North Carolina Weather & Crops Report

Released: July 16, 2018



CROP SUMMARY FOR THE WEEK OF JULY 15, 2018

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.5	5.8	6.5	5.6

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	16	37	46	1
Subsoil Moisture	8	24	67	1

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

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PHENOLOGICAL:				
Soybean Emerged	96	91	96	93
Soybeans Blooming	38	23	33	28
Soybeans Setting Pods	11	n/a	11	10
Corn Silking	90	82	92	92
Corn Dough	46	27	50	51
Cotton Squaring	78	70	78	81
Cotton Setting Bolls	24	11	22	24
Peanuts Pegging	62	49	66	65
HARVESTED:				
Barley	97	94	100	95
Hay: Second Cutting	45	36	39	41
Oats	94	89	100	89
Peaches	29	22	39	40

CROP CONDITION PERCENT

	VP	P	F	G	EX
Apples	0	15	36	49	0
Corn	11	20	41	27	1
Cotton	10	16	25	46	3
Hay	8	18	33	37	4
Pasture	3	13	40	42	2
Peaches	1	16	26	57	0
Peanuts	4	5	29	57	5
Sorghum	3	14	43	39	1
Soybeans	7	12	39	40	2
Sweet Potatoes	2	9	33	53	3
Tobacco: Burley	1	3	37	56	3
Tobacco: Flue-cured	4	12	30	50	4

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

Warm with summer thundershowers with normal rainfall near 1". Temperatures near normal.

Robert Hawk – Swain County Extension

With hit and miss thunderstorms continuing, conditions throughout the county are variable with some areas still needing rain.

Stephen Bishop – Cleveland SWCD

Rain is needed across much of the county. The coastal side received 2.5" of rain last week but no other areas received any significant amounts. Moisture stress is evident in many soybean fields at the peak of the day. Field corn is beginning to dry down. Even late planted corn is showing signs of leaf desiccation, suggesting yields could be below normal on many acres.

Mark Seitz/Tim Matthews – Pender County Extension

Heavy downpours of rain in areas of the county are affecting the growth and quality of the corn while hindering the planting of soybeans. Most of the hay producers have the first cutting of hay in the barn and are anticipating a second cutting soon. Pastures are in good shape. Some areas could use more rain as the county is getting spotty showers in some areas versus the county as a whole.

Janice Nicholson – FSA Rutherford County

Dry conditions has allowed soybean planting to be completed. Only a small number of acres remain to be replanted, as some growers wait on moisture. Most crops are showing signs of drought stress. Rain is needed.

Daniel Simpson – Pamlico County Extension

It is very dry around the county. We need some rain bad. Almost all of the wheat has been harvested. Farmers are finishing up planting soybeans.

Blake Sandlin – Duplin County Extension

Heat has returned stressing crops. Tobacco seems to be stressing worse than others. Soybeans seem stunted and short. Corn is stressing due to heat.

Gary Cross – Person County Extension

Some scattered thunderstorms brought significant rainfall to parts of the county while other parts remained dry. There was some localized flash flooding; however, little to no crop damage occurred. Hay producers made good progress finishing up first cutting hay; however, hay quality is low due to over-maturity. Overall crops are looking pretty good with some black shank showing up in a few tobacco fields.

Stanley Holloway - Yancey County Extension

Some areas have gotten rain while others remain dry, crops are reflecting which have received rain and those that have not.

Don Nicholson – Agronomist Region 7

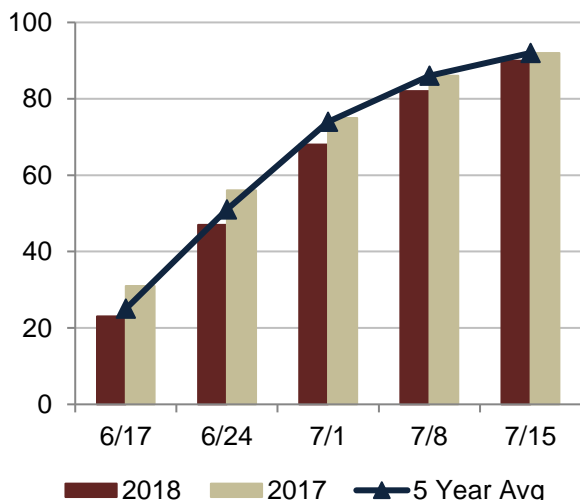
Corn and soybeans as well as tobacco are showing drought stress signs. Tobacco growers are irrigating their crops because of the lack of rainfall in our area. Pastures and lawns are starting to brown up with drought stress. Tobacco growers have started harvesting the crop this past week. Organic tobacco is way far behind in growth stages.

Joey Knight – Caswell County Extension

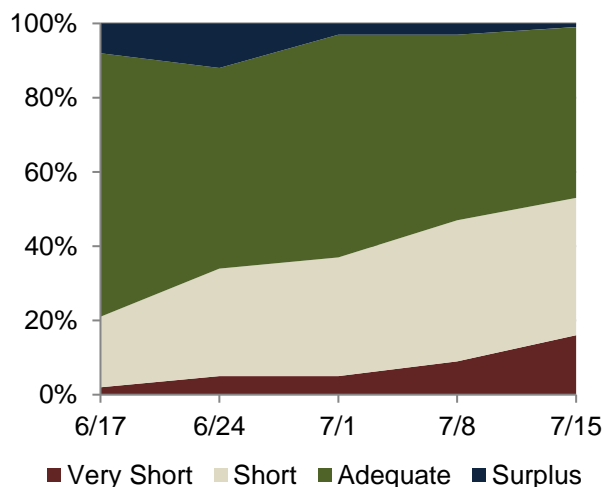
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Joey Knight – Caswell County Extension

SOYBEANS PERCENT EMERGED



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK OF JULY 15, 2018

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 2 W	0.00	-0.93	28.11	3.67	95	57	77	-1	1930
ASHEVILLE AIRPO	0.71	-0.25	41.08	16.08	89	56	74	0	1862
BURLINGTON ALAM	0.01	-1.06	25.99	1.46	97	57	78	0	2289
CHARLOTTE	0.71	-0.11	26.41	4.06	96	60	80	1	2390
CLAYTON WTP	0.00	-1.11	24.44	0.53	94	59	75	-4	2057
CLINTON 2 NE	0.00	-1.32	24.63	-0.27	92	57	77	-3	2194
ELIZABETH CITY	1.41	0.12	34.80	10.54	94	56	75	-3	2281
ERWIN AP	0.00	-1.42	28.60	3.51	95	62	79	0	2378
FAYETTEVILLE RE	0.00	-1.30	20.90	-1.77	97	63	80	-2	2488
GASTONIA MUNICI	0.00	-0.87	29.57	5.65	95	60	80	2	2366
GOLDSBORO	0.00	-1.18	18.50	-5.95	98	60	79	-2	2395
GREENSBORO AP	0.00	-1.04	26.16	3.68	93	58	78	-1	2189
GREENVILLE	0.06	-1.14	28.71	3.75	98	58	78	-2	2388
HICKORY FAA AIR	0.22	-0.77	35.00	9.61	92	57	77	-1	2073
JEFFERSON 2 E	0.40	-0.69	36.41	6.20	86	46	68	-1	1314
KINSTON AG RESE	0.01	-1.26	22.34	-3.03	97	54	73	-8	2138
LAURINBURG MAXT	0.31	-0.60	28.36	8.08	98	60	79	-1	2444
MOUNT AIRY 2 W	0.21	-1.02	31.34	5.41	90	50	72	-2	1752
NEW BERN	0.13	-1.25	35.69	8.94	92	57	75	-6	2220
NORTH WILKESBOR	0.00	-1.12	33.42	5.84	92	54	75	-1	1966
OXFORD AG	0.74	-0.34	30.29	6.58	95	59	76	-4	1804
RALEIGH AP	0.11	-0.98	26.32	3.61	96	58	77	-3	2269
REIDSVILLE 2 NW	0.00	-1.11	24.66	-0.84	92	57	74	-3	2030
ROANOKE RAPIDS	1.53	0.44	25.20	1.04	90	58	76	-4	2143
ROBBINSVILLE AG	0.28	-1.18	34.94	-0.87	89	61	74	2	1518
ROCKINGHAM	0.96	-0.50	27.89	3.09	93	60	79	-2	2387
ROXBORO 7 ESE	0.00	-1.05	21.96	-2.21	91	52	73	-4	1570
SOUTHERN PINES	0.79	-0.35	35.89	11.91	96	60	77	-2	2340
STATESVILLE 2 N	0.03	-0.95	29.62	5.45	93	53	76	0	1985
TARBORO 1 S	0.39	-0.61	18.58	-4.48	96	59	76	-4	2043
VALE AG 2 SW	0.54	-0.36	32.90	7.53	93	55	76	-2	2026
WALLACE 1SE	0.10	-1.17	32.25	4.64	97	57	77	-3	2164
WASHINGTON	0.12	-1.09	27.04	1.54	92	57	75	-6	2102
WAYNESVILLE 1 E	0.23	-0.56	28.90	1.81	85	56	72	1	1454
WHITEVILLE 7 NW	0.30	-0.90	22.45	-2.61	94	59	77	-3	2264
WILLIAMSTON 1 E	0.17	-0.98	29.35	4.28	93	59	77	-2	2249
WILMINGTON INTL	3.86	2.19	46.85	19.44	94	61	78	-3	2475
WILSON 3 SW	0.11	-1.13	25.13	0.33	96	60	77	-3	2260
WINSTON SALEM R	0.00	-1.04	28.77	4.02	92	59	78	-1	2228

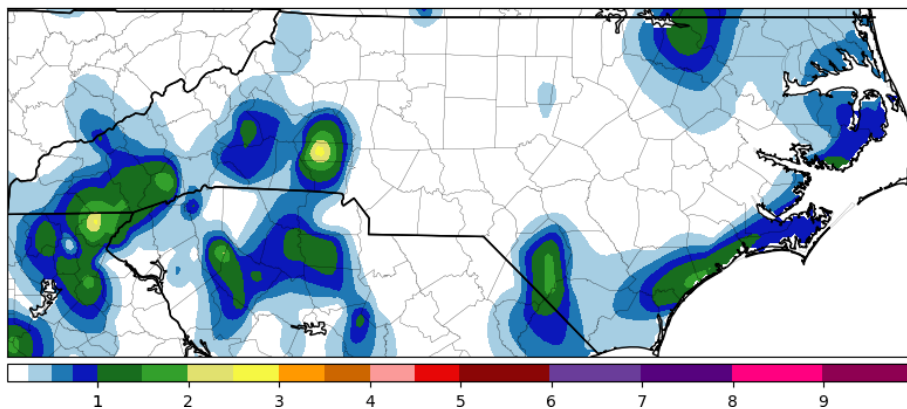
¹Effective October 15, 2017 the weather data source has been changed. The basic format of the data tables has not changed, but the data content will be based on newer historical datasets used for average calculations and changes in methodology subroutines for missing data.
¹Precipitation (rain or melted 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)
2018-07-09 - 2018-07-15



US DROUGHT MONITOR OF NORTH CAROLINA

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

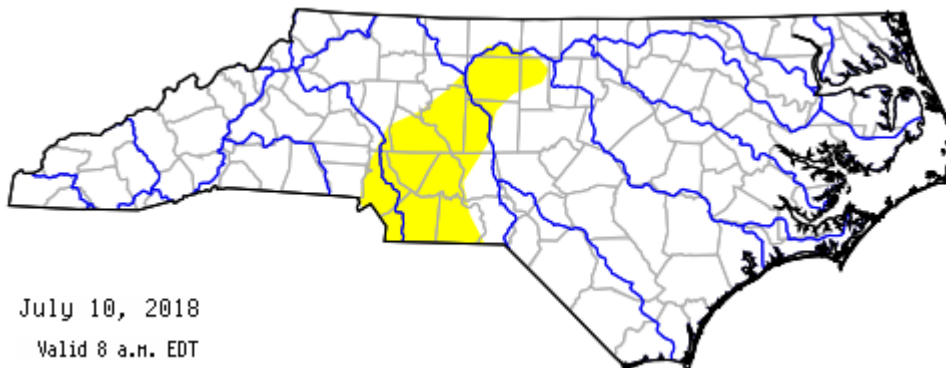
The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

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

July 10, 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)