

North Carolina Weather & Crops Report

Released: July 2, 2018



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North Carolina
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CROP SUMMARY FOR THE WEEK OF JULY 1, 2018

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.0	5.6	5.8	4.9

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	5	32	60	3
Subsoil Moisture	2	20	75	3

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	94	90	97	77
Soybeans	93	89	92	89
Sweet Potatoes	95	86	92	90
Tobacco: Burley	94	86	91	95
PHENOLOGICAL:				
Soybean Emerged	85	78	85	81
Corn Silking	68	47	75	74
Corn Dough	10	n/a	14	14
Cotton Squaring	58	38	51	48
Peanuts Pegging	34	18	30	27
Soybeans Blooming	14	n/a	11	n/a
HARVESTED:				
Barley	87	77	95	86
Hay: Second Cutting	24	11	17	22
Oats	80	70	96	83
Peaches	19	17	25	23
Wheat	87	75	91	86

CROP CONDITION PERCENT

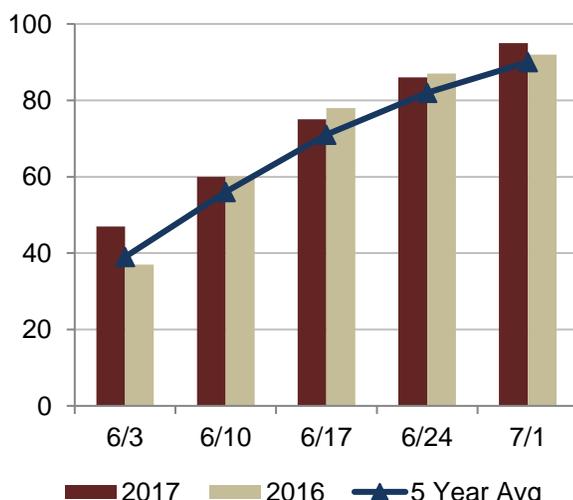
	VP	P	F	G	EX
Apples	0	11	32	56	1
Corn	3	16	30	45	6
Cotton	3	7	23	56	11
Hay	1	13	45	37	4
Pasture	1	8	42	47	2
Peaches	0	14	23	60	3
Peanuts	0	1	25	60	14
Sorghum	0	23	35	41	1
Soybeans	0	7	38	50	5
Sweet Potatoes	0	2	51	45	2
Tobacco: Burley	1	2	40	51	6
Tobacco: Flue-cured	1	5	28	61	5
Wheat	1	3	25	57	14

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

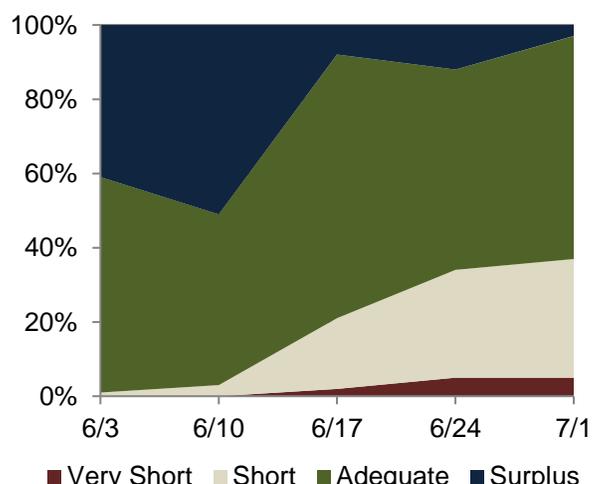
Extreme heat and areas that have not had an inch of rain in 30 days. Several acres of corn has lost yield potential due to the dry weather. **Tim Britton – Johnston County Extension** Rainfall has been above normal this last period with 1"-2" widespread from afternoon and frontal Thundershowers. Soil is "Average WET." Temperatures are above normal with temperatures approaching near 90 F in valleys and 60s for night-time lows. **Robert Hawk – Swain County Extension** Moisture conditions across the region are extremely variable. Some areas have received excessive rainfall and have had issues with getting stands. Others are extremely dry and crops are suffering. Disease is increasing rapidly in tobacco. The extreme heat has effected corn pollination, especially in the dry areas. **Georgia Love – Agronomist Region 5** Franklin County has become extremely dry over the last week with no rain and temperatures reaching into the mid 90's. Tobacco is struggling in areas, corn has started to twist and soybeans have slowed down growing. Pastures are starting dry down some as well. **Charles Mitchell – Franklin County Extension** Hay harvest is in full swing. Scattered afternoon showers have helped with the dry conditions, but has made harvesting hay challenging. Vegetable crops are doing good. **Julia Houck – Ashe-Alleghany County Extension** Showers continue to hinder field work. Most soybean acres have been planted, but a few remain behind due to wetness. Sunshine and warmer temps this week have helped most crops. **Daniel Simpson – Pamlico County Extension**

Another big rain. Crops not at all in good condition over all extreme heat has returned. **Gary Cross – Person County Extension** Afternoon thunderstorms predominated the week with some localized heavy precipitation and isolated flash flooding. Most of the county received between 3"-5" of rain for the week. Temperatures were on the warm side with highs mainly in the mid 80's. Due to wet soil conditions, field activity was limited. **Stanley Holloway - Yancey County Extension** Rains stopped long enough for farmers to finish harvesting wheat. Yields were good but test weights were down. Rains delayed harvest and there was significant kernel loss in some fields. Corn is looking better with dryer weather and fertilizer added but yield damage from early continuous rains will still have a significant impact on this crop. Soybean planting has been delayed to the end of June. Many farmers are catching up trying to get them planted but showers and thunderstorms continue to pop up and keep field conditions wet. **Mark Seitz/Tim Matthews – Pender County Ext** Excessive heat and subpar rainfall amounts are beginning to reduce pollination and grain fill of corn. Tobacco is beginning to flower. **Taylor Williams – Moore County Extension** Drying conditions are allowing cabbage, Irish potato and wheat harvest to continue. Also, soybeans are being planted. **Al Wood – Pasquotank County Extension** We are extremely dry. Crops are in drought stress. **Norman Harrell – Wilson County Extension**

SWEET POTATOES PERCENT PLANTED



TOPSOIL MOISTURE PERCENT



Important Notice: The precipitation & temperature summary table and accompanying Map below may be discontinued due to budget constraints. Please email Dee Webb at the North Carolina Field Office dee.webb@nass.usda.gov with comments regarding this issue.

WEATHER SUMMARY FOR THE WEEK OF JULY 1, 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	3.53	2.69	27.89	5.22	92	67	78	0	1550
ASHEVILLE AIRPO	1.17	0.07	38.76	15.71	88	65	73	0	1504
BURLINGTON ALAM	0.57	-0.40	25.82	3.36	95	67	78	1	1880
CHARLOTTE	0.61	-0.15	24.13	3.33	93	70	79	1	1960
CLAYTON WTP	0.41	-0.52	22.90	1.06	93	67	78	0	1666
CLINTON 2 NE	4.31	3.21	23.51	1.09	94	71	80	1	1784
ELIZABETH CITY	1.13	0.12	33.28	11.46	92	72	79	1	1884
ERWIN AP	0.30	-0.81	26.07	3.64	97	70	81	2	1947
FAYETTEVILLE RE	2.49	1.41	19.75	-0.43	95	70	80	-1	2060
GASTONIA MUNICI	2.53	1.64	29.32	7.34	95	70	78	1	1935
GOLDSBORO	0.21	-0.62	16.90	-5.32	95	69	81	1	1977
GREENSBORO AP	0.41	-0.42	25.47	4.92	93	66	77	0	1782
GREENVILLE	0.21	-0.72	28.23	5.51	96	68	81	2	1934
HICKORY FAA AIR	2.62	1.72	33.46	10.03	90	66	75	-2	1682
JEFFERSON 2 E	1.06	-0.02	35.68	7.74	88	58	70	2	1026
KINSTON AG RESE	0.00	-1.20	22.33	-0.57	93	69	78	-2	1741
LAURINBURG MAXT	1.74	0.77	28.05	9.77	94	70	80	0	2016
MOUNT AIRY 2 W	0.88	-0.17	30.32	6.74	91	63	75	1	1404
NEW BERN	4.64	3.48	35.37	11.22	90	69	77	-3	1835
NORTH WILKESBOR	2.18	1.16	32.36	6.98	92	66	77	1	1594
OXFORD AG	1.46	0.52	28.70	6.98	91	63	75	-3	1435
RALEIGH AP	1.35	0.51	25.16	4.48	94	65	78	-1	1868
REIDSVILLE 2 NW	0.25	-0.70	23.28	-0.10	92	65	76	-1	1547
ROANOKE RAPIDS	0.00	-0.90	23.30	1.15	94	69	81	2	1764
ROBBINSVILLE AG	1.48	-0.30	33.50	1.55	82	62	69	-1	1182
ROCKINGHAM	1.62	0.40	26.59	4.57	94	70	80	0	1971
ROXBORO 7 ESE	1.77	0.93	21.69	-0.56	91	63	75	-1	1218
SOUTHERN PINES	6.72	5.67	31.27	9.47	94	69	79	1	1940
STATESVILLE 2 N	0.72	-0.23	27.89	5.62	92	50	76	1	1600
TARBORO 1 S	0.02	-0.83	17.98	-3.16	93	68	80	2	1644
VALE AG 2 SW	1.20	0.38	31.66	8.01	94	67	78	1	1648
WALLACE 1SE	3.65	2.42	32.12	7.09	97	70	81	3	1755
WASHINGTON	0.73	-0.25	26.42	3.19	93	67	80	-1	1722
WAYNESVILLE 1 E	1.65	0.74	28.57	3.09	85	60	73	4	1185
WHITEVILLE 7 NW	1.61	0.64	21.42	-1.39	93	70	80	2	1862
WILLIAMSTON 1 E	0.03	-1.09	29.03	6.17	93	67	80	2	1856
WILMINGTON INTL	3.83	2.50	42.75	18.46	92	71	79	-1	2063
WILSON 3 SW	0.42	-0.55	22.72	0.25	95	68	81	1	1848
WINSTON SALEM R	0.34	-0.61	26.22	3.48	92	68	78	0	1825

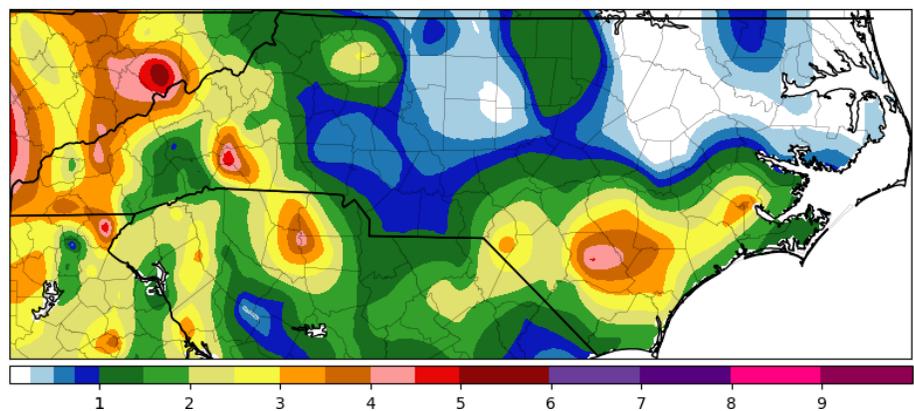
*Effective October 15, 2017 the weather data source has been changed. The basic format of the data tables has not changed, but the data content will be based on newer historical datasets used for average calculations and changes in methodology subroutines for missing data.
¹Precipitation (rain or melted 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)
2018-06-25 - 2018-07-01



US DROUGHT MONITOR OF NORTH CAROLINA

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

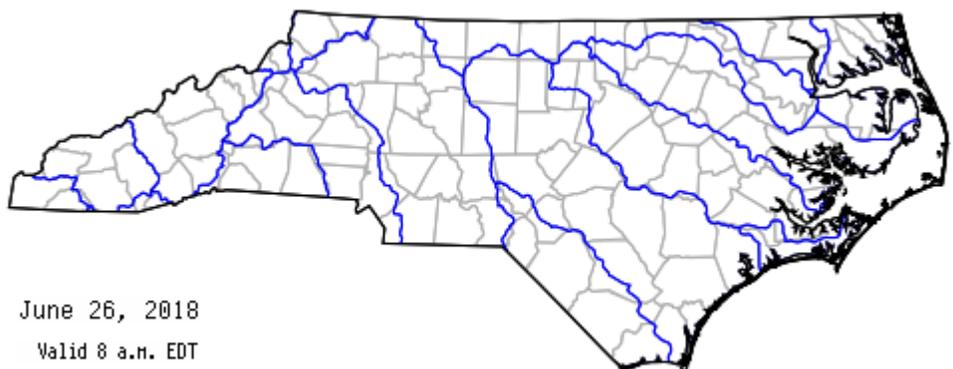
The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

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

June 26, 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)