

North Carolina Weather & Crops Report

Released: August 20, 2018



CROP SUMMARY FOR THE WEEK OF AUGUST 19, 2018

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
5.3	4.3	5.3	5.5

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	0	5	62	33
Subsoil Moisture	1	6	62	31

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

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PHENOLOGICAL:				
Corn Dough	94	91	97	96
Corn Dent	80	69	88	86
Corn Mature	46	28	54	53
Cotton Setting Bolls	87	78	90	92
Soybeans Blooming	91	83	89	83
Soybeans Setting Pods	65	54	63	60
HARVESTED:				
Apples	22	19	23	26
Corn for Silage	41	22	45	39
Hay: Second Cutting	78	70	88	75
Hay: Third Cutting	12	n/a	19	20
Peaches	79	64	81	79
Tobacco: Flue-cured	41	30	37	40

CROP CONDITION PERCENT

	VP	P	F	G	EX
Apples	0	15	41	43	1
Corn	11	20	34	28	7
Cotton	3	13	24	51	9
Hay	1	8	56	30	5
Pasture	1	12	46	37	4
Peanuts	3	4	41	44	8
Sorghum	2	8	36	45	9
Soybeans	5	7	36	43	9
Sweet Potatoes	1	4	49	37	9
Tobacco: Burley	1	5	43	50	1
Tobacco: Flue-cured	4	12	30	47	7

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

Crops have responded well to the regular rainfall pattern. Disease pressure seems to be building in all crops as favorable conditions have persisted. Wet field conditions have limited the ability to get fungicide and insecticide applications out timely in some areas. We are about two weeks into corn harvest with many good to above average yields reported.

Mac Malloy - Robeson County Extension

Rainfall was less during this period with .30" which was below normal but welcomed. Soil moisture from top to sub is still "Average WET" to Surplus. Temperatures were near normal. Second cutting of hay has been harvested for some, which was not good quality...mostly clover.

Robert Hawk - Swain County Extension

Soil conditions dried out substantially this week allowing farmers to begin corn harvest. Yields are down 10-20 bushels per acre compared to normal. Soybeans are looking better with sunshine and more water. **Mark Seitz-Tim Matthews - Pender County** Franklin County has been receiving rains almost every evening like most counties. The soybeans are loving the rain but not the heat. The tobacco crop is turning quickly in the areas with heavy rain and for some it is hard to get in the field. There has also been more disease showing up since the rains have started. Pastures are also looking better since the rains started.

Charles Mitchell - Franklin County Extension

Hot humid week plants under stress. Tobacco leaf harvest continues, silage is cut, soybeans doing better.

Gary Cross - Person County Extension

Drier weather was a welcome change for most producers. A few scattered rain showers brought slightly higher rainfall amounts to parts of the county, but most areas only received only a trace to 0.25" of rain for the week. Temperatures were also cooler with highs mainly in the upper 70's - lower 80's and lows mainly in the mid-upper 50's. Hay producers took advantage of the drier weather to begin harvesting their second cutting. Vegetable crop harvest continues and burley tobacco topping is beginning.

Stanley Holloway - Yancey County Extension

Many farmers were able to get back in the field this week. Still very wet in places. Corn Harvest has begun for many.

Blake Sandlin - Duplin county Extension

Harvest of tobacco continues where travel in the field is possible. Corn earworms still found in soybean and cotton. All crops show much improvement with less frequent rainfall.

Mike Carroll - Craven County Extension

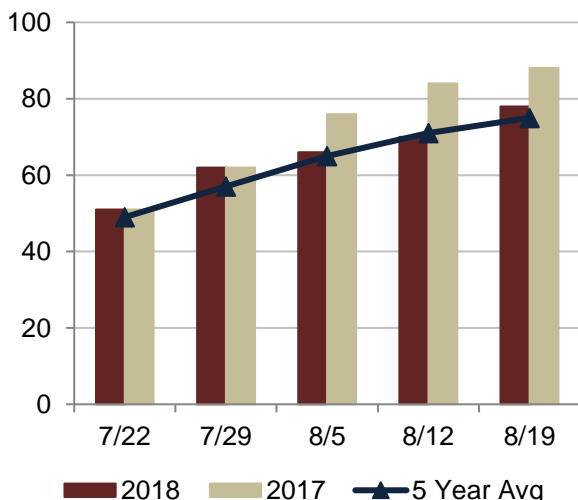
Wet conditions persist with some areas of the county receiving multiple inches of rain. Rain continued Sunday night. Soybeans will be affected greatly, and corn harvest will be delayed again.

Daniel Simpson - Pamlico County Extension

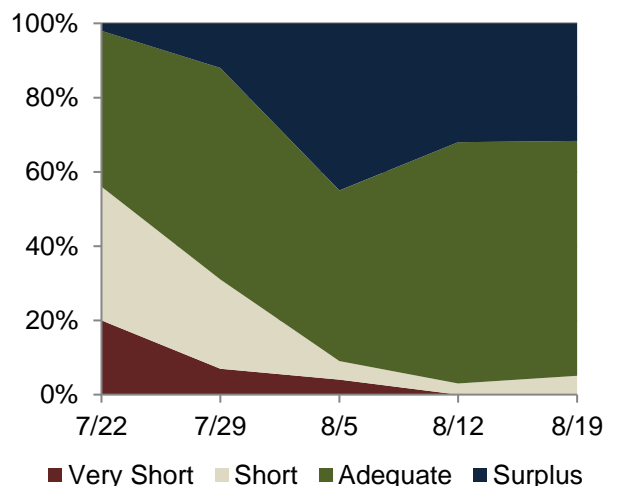
Excessive rains have caused decrease in quality and yield for all crops with the exception of corn. Corn harvest has been delayed by big rains in excess of 3 inches.

Jacob Morgan - Jones County Extension

HAY PERCENT SECOND CUT



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK OF AUGUST 19, 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	0.60	-0.29	35.82	6.70	90	67	78	1	2911
ASHEVILLE AIRPO	1.74	0.76	53.98	24.08	87	60	74	1	2679
BURLINGTON ALAM	1.16	0.41	34.63	5.11	92	65	77	0	3272
CHARLOTTE	0.81	-0.16	33.76	6.76	92	68	80	2	3415
CLAYTON WTP	2.00	0.82	34.98	4.75	90	65	78	0	3044
CLINTON 2 NE	1.95	0.66	34.39	2.42	91	69	80	1	3244
ELIZABETH CITY	2.76	1.27	48.07	16.66	93	68	81	3	3314
ERWIN AP	1.34	0.13	40.09	8.14	92	69	79	1	3417
FAYETTEVILLE RE	2.00	0.71	30.75	1.27	93	71	81	2	3546
GASTONIA MUNICI	1.55	0.76	36.45	8.13	92	68	80	3	3363
GOLDSBORO	1.65	0.37	32.81	1.52	92	70	79	0	3422
GREENSBORO AP	0.80	0.00	37.60	10.37	90	65	78	1	3150
GREENVILLE	1.76	0.37	39.68	7.87	92	69	81	2	3446
HICKORY FAA AIR	1.00	0.11	42.31	12.08	88	65	76	-1	2978
JEFFERSON 2 E	0.18	-1.17	44.42	8.41	86	55	69	0	1978
KINSTON AG RESE	1.20	0.01	29.59	-2.13	91	69	80	0	3170
LAURINBURG MAXT	0.81	-0.16	36.10	10.68	93	70	78	-1	3498
MOUNT AIRY 2 W	1.84	1.03	41.00	10.09	89	60	74	0	2612
NEW BERN	0.83	-0.66	47.32	12.99	90	69	79	0	3209
NORTH WILKESBOR	1.58	0.61	43.75	11.11	90	63	76	1	2878
OXFORD AG	0.69	-0.46	37.98	8.49	91	62	78	0	2762
RALEIGH AP	2.52	1.65	35.84	8.05	91	65	78	-1	3260
REIDSVILLE 2 NW	0.53	-0.30	36.96	6.49	89	63	76	0	2966
ROANOKE RAPIDS	3.19	2.22	36.43	6.65	92	67	79	2	3184
ROBBINSVILLE AG	0.17	-0.57	42.14	1.61	85	59	71	0	2238
ROCKINGHAM	0.87	-0.14	33.36	2.39	92	69	80	2	3457
ROXBORO 7 ESE	2.39	1.57	31.33	2.27	89	57	73	-2	2455
SOUTHERN PINES	0.73	-0.39	40.94	11.06	93	67	78	0	3341
STATESVILLE 2 N	0.15	-0.68	41.62	12.97	88	64	76	2	2928
TARBORO 1 S	2.93	1.82	29.97	1.14	91	67	80	1	3034
VALE AG 2 SW	0.10	-0.91	39.59	9.16	91	63	77	1	2970
WALLACE 1SE	0.21	-1.28	43.60	8.73	98	70	81	3	3192
WASHINGTON	0.23	-0.90	36.63	4.90	92	67	79	-1	3094
WAYNESVILLE 1 E	0.18	-0.76	34.55	2.93	85	55	71	1	2202
WHITEVILLE 7 NW	1.61	0.40	30.53	-1.14	91	68	80	2	3320
WILLIAMSTON 1 E	1.35	0.16	41.35	9.96	91	71	80	3	3293
WILMINGTON INTL	0.61	-0.99	64.52	28.41	92	72	82	3	3552
WILSON 3 SW	1.31	0.23	34.38	3.75	92	67	79	0	3302
WINSTON SALEM R	1.71	0.56	41.21	10.23	90	64	78	0	3180

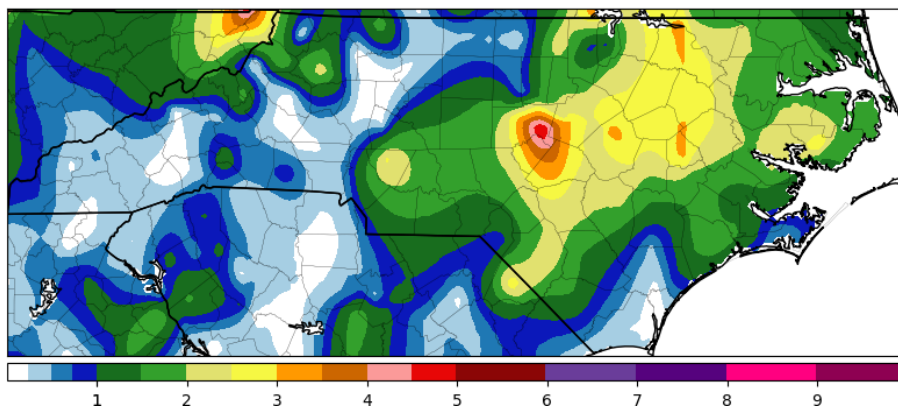
¹Effective October 15, 2017 the weather data source has been changed. The basic format of the data tables has not changed, but the data content will be based on newer historical datasets used for average calculations and changes in methodology subroutines for missing data.
¹Precipitation (rain or melted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

PRECIPITATION SUMMARY

North Carolina Region

Precipitation Accumulation (Inches)
2018-08-13 - 2018-08-19

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



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

August 14, 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)