

North Carolina Weather & Crops Report

Released: May 29, 2018



CROP SUMMARY FOR THE WEEK OF MAY 27, 2018

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
3.7	3.4	3.2	5.6

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	0	1	58	41
Subsoil Moisture	0	2	77	21

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

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PLANTED:				
Cotton	70	51	72	79
Peanuts	69	51	63	73
Sorghum	29	18	39	27
Soybeans	50	38	42	42
Sweet Potatoes	34	21	21	28
Tobacco: Burley	30	18	44	54
Tobacco: Flue-cured	92	88	93	94
PHENOLOGICAL:				
Barley Headed	95	90	n/a	n/a
Corn Emerged	94	89	95	93
Soybean Emerged	35	22	25	25
Wheat Headed	97	94	100	98
HARVESTED:				
Hay: First Cutting	61	43	48	61

CROP CONDITION PERCENT

	VP	P	F	G	EX
Barley	0	7	22	57	14
Corn	0	6	19	60	15
Cotton	1	2	15	61	21
Hay	1	8	37	49	5
Oats	0	2	18	78	2
Pasture	1	2	23	71	3
Peanuts	0	0	17	63	20
Tobacco: Flue-cured	0	2	16	70	12
Wheat	0	4	20	65	11

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

Extended wet conditions are not favorable for strawberry harvest and production. Recent storms have caused lodging in wheat. Planting as well as hay harvesting remains at a standstill. Flooding in low areas has damaged corn and vegetable crops.

Steve Dillion – Agronomist Region 14

A short break in the rainy weather mid-week allowed for some field activity, particularly planting/transplanting some vegetable crops as well as a very limited amount of corn planting. Most of the county received an additional 1.25"-2"+ of rain for the week. Most producers are behind schedule on crop planting due to the wet soil conditions.

Stanley Holloway – Yancey County Extension

Rain showers in certain areas continued to delay planting efforts. Barely is reaching a point in which continued wet conditions could cause sprouting. Heavy rains and thunderstorms has caused some high yield potential wheat to begin to lodge. Wet field conditions has delayed nitrogen application on early corn and the completion of tobacco transplanting.

Brandon Poole Agronomist Region 8

9 inches of rain humidity wheat crop continues to worsen. Tobacco creating shallow roots nitrogen being leached. The corn crop looks pretty good except for wet spots. First cutting of hay not completed due to rain, soybean planting delayed.

Gary Cross – Person County Extension

The frequent rain pattern has returned and in some areas rainfall amounts have been unusually high. Cabbage and Irish potatoes are looking good with the abundance of rainfall. Wheat is starting to turn brown due to maturity.. Some of the corn may be tasseling and silking in the next two weeks. Also, have a few acres of soybeans in the 4 to 5 trifoliate stage.

Al Wood – Pasquotank County Extension

Soybeans planting has continued once conditions dried. Expect some acres to be planted ahead of weekend rain, while others will wait till drier weather returns.

Daniel Simpson – Pamlico County Extension

Scattered rainfall continues resulting in poor plant growing conditions, especially for tobacco. Tomato Spotted Wilt Virus common to most fields with isolated cases severe. Limited acres of planted cotton, peanut, and soybean production advancing slowly due to wet soils. Continued rainfall and wet soil conditions prohibited much of weed management and fertilization. In fact, some prohibited planting of cotton and peanut expected.

Mike Carroll – Craven County Extension

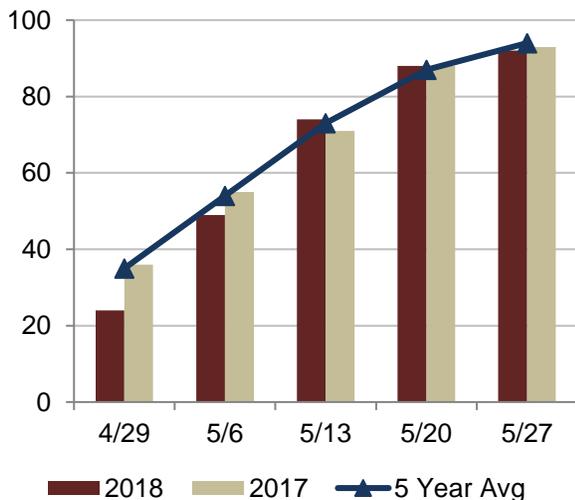
Heavy rains last week contributed to some split fruit in blueberries. Peanut and soybean planting is a little behind schedule due to delayed planting season and recent rains. Pastures are beginning to recover from droughty conditions (from earlier this year).

Bruce McLean – Bladen County Extension

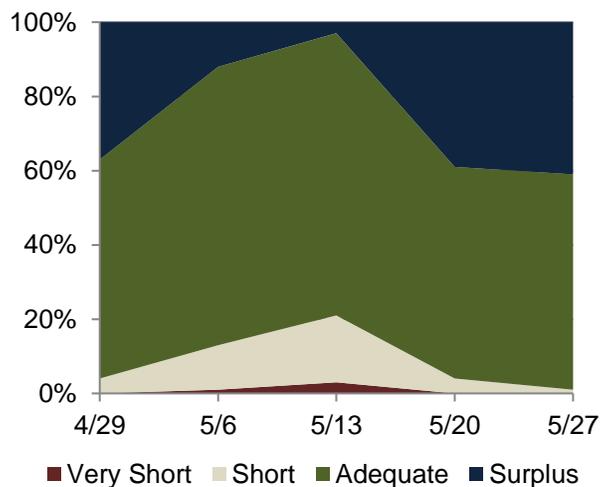
Heavy rain across the county has hampered efforts to top dress corn and get soybeans planted, and it is causing significant flood damage in some fields. Tropical conditions into the weekend will increase crop loss as fields are running out of nitrogen and saturated soils are stressing crops for oxygen. Wheat harvest be affected by heavy rains with lodging and/or quality loss. Blueberry harvested is 8-10 days behind normal and heavy rains are causing quality issues in early maturing varieties.

Mark Seitz / Tim Matthews – Pender County Extension

FLUE-CURED TOBACCO 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 MAY 27, 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	0.86	0.06	21.52	3.39	86	67	75	6	592
ASHEVILLE AIRPO	1.21	0.37	31.22	13.48	84	62	70	5	675
BURLINGTON ALAM	0.34	-0.67	20.29	2.78	87	66	75	6	913
CHARLOTTE	0.57	-0.17	19.78	3.29	87	67	75	5	954
CLAYTON WTP	0.22	-0.59	18.08	0.76	86	65	76	6	768
CLINTON 2 NE	0.11	-0.75	16.49	-0.48	87	63	76	5	755
ELIZABETH CITY	2.25	1.35	21.34	4.70	87	59	75	6	914
ERWIN AP	4.30	3.44	20.53	3.26	88	66	76	6	917
FAYETTEVILLE RE	0.73	-0.10	13.22	-1.85	89	66	76	3	1009
GASTONIA MUNICI	1.89	1.08	20.41	3.01	87	66	73	4	935
GOLDSBORO	0.06	-0.92	13.89	-3.72	87	62	76	4	952
GREENSBORO AP	1.74	0.94	20.83	4.62	85	65	74	5	850
GREENVILLE	1.69	0.72	24.49	6.82	88	61	77	6	937
HICKORY FAA AIR	2.63	1.75	26.33	7.69	83	63	71	2	793
JEFFERSON 2 E	3.48	2.31	30.91	8.39	79	53	66	6	379
KINSTON AG RESE	0.00	-0.94	18.21	1.15	88	61	76	3	724
LAURINBURG MAXT	2.40	1.58	17.81	3.92	87	70	76	4	978
MOUNT AIRY 2 W	0.89	-0.10	25.67	7.32	86	60	72	7	581
NEW BERN	0.58	-0.42	17.79	-1.01	86	61	74	3	886
NORTH WILKESBOR	1.06	0.09	26.23	6.16	86	62	74	7	710
OXFORD AG	0.87	-0.03	23.94	6.94	84	60	72	3	568
RALEIGH AP	2.15	1.35	20.32	3.78	86	65	75	5	900
REIDSVILLE 2 NW	0.10	-0.79	19.11	0.36	86	65	75	7	686
ROANOKE RAPIDS	0.75	-0.16	17.67	0.14	87	61	76	7	788
ROBBINSVILLE AG	1.20	0.23	25.48	-0.08	84	60	70	6	508
ROCKINGHAM	0.86	0.09	23.87	7.23	87	67	75	4	958
ROXBORO 7 ESE	1.27	0.45	15.88	-1.88	86	51	71	5	372
SOUTHERN PINES	1.29	0.59	16.75	-0.42	87	68	76	7	956
STATESVILLE 2 N	0.79	-0.01	23.18	5.77	87	62	74	7	712
TARBORO 1 S	0.00	-0.82	12.96	-3.65	87	61	75	5	652
VALE AG 2 SW	4.93	3.99	26.84	7.94	86	63	74	5	734
WALLACE 1SE	2.85	1.85	21.36	2.70	88	63	76	5	726
WASHINGTON	0.78	-0.20	20.58	2.53	88	59	75	3	742
WAYNESVILLE 1 E	0.43	-0.48	22.17	1.40	80	56	68	6	378
WHITEVILLE 7 NW	0.05	-1.00	13.46	-4.04	87	67	76	5	832
WILLIAMSTON 1 E	0.70	-0.17	21.75	4.29	88	61	77	7	819
WILMINGTON INTL	2.93	1.80	27.69	9.47	87	69	76	4	994
WILSON 3 SW	1.10	0.16	19.54	1.91	88	63	76	6	819
WINSTON SALEM R	2.09	1.10	22.63	4.78	86	66	74	4	856

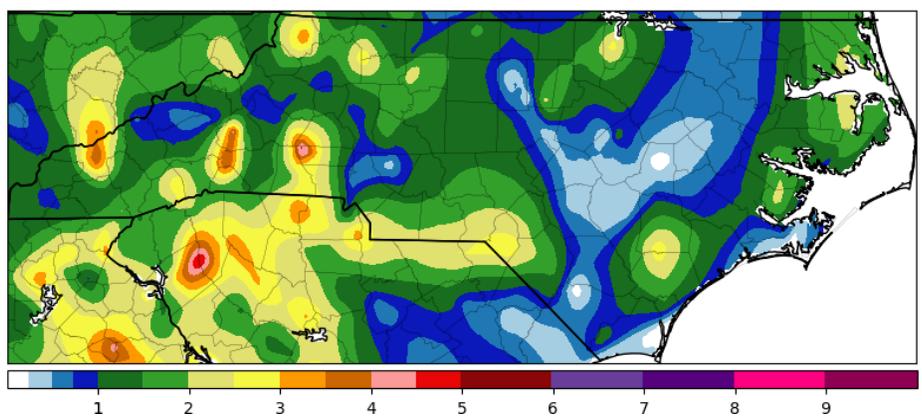
*Effective October 15, 2017 the weather data source has been changed. The basic format of the data tables has not changed, but the data content will be based on newer historical datasets used for average calculations and changes in methodology subroutines for missing data.
¹Precipitation (rain or melted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

PRECIPITATION SUMMARY

North Carolina Region

Precipitation Accumulation (Inches)
2018-05-21 - 2018-05-27

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



US DROUGHT MONITOR OF NORTH CAROLINA

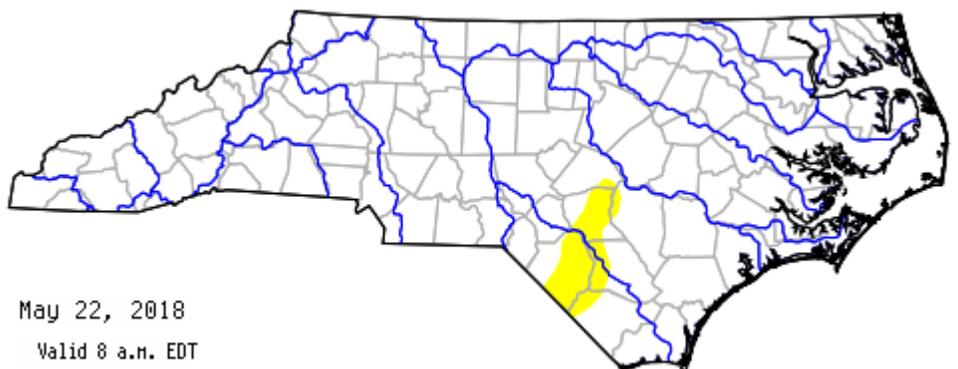
<http://www.ncdrought.org/>

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

May 22, 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)