

# North Carolina Weather & Crops Report

Released: May 21, 2018



## CROP SUMMARY FOR THE WEEK OF MAY 20, 2018

### DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
3.4	6.2	6.2	5.5

### SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	0	4	57	39
Subsoil Moisture	0	5	82	13

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

### CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
<b>PLANTED:</b>				
Corn	96	92	96	96
Cotton	51	35	58	61
Peanuts	51	32	48	53
Sorghum	18	8	32	20
Soybeans	38	24	34	31
Sweet Potatoes	21	n/a	17	18
Tobacco: Burley	18	n/a	31	41
Tobacco: Flue-cured	88	74	88	87
<b>PHENOLOGICAL:</b>				
Barley Headed	90.	80	n/a	n/a
Corn Emerged	89	78	91	88
Soybean Emerged	24	10	17	14
Wheat Headed	94	87	100	96
<b>HARVESTED:</b>				
Hay: First Cutting	43	34	36	41

### CROP CONDITION PERCENT

	VP	P	F	G	EX
Barley	0	7	16	63	14
Corn	1	7	22	59	11
Cotton	0	2	18	65	15
Hay	1	1	35	47	16
Oats	0	2	18	77	3
Pasture	1	5	27	63	4
Peanuts	0	0	19	62	19
Tobacco: Flue-cured	0	2	14	75	9
Wheat	0	4	19	65	12

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

Scattered rains all week kept farmers out of the fields most of the week. Remnants of the tropical system hit Pender County Saturday with some areas receiving as much as five inches of rain. Some spots in fields are completely flooded out and causing crop/yield loss. Blueberry harvest is expected to be in full swing next week. **Mark Seitz/Tim Matthews – Pender County Ext** Rains late were much needed. Cotton and soybean planting have been delayed due to dry topsoil conditions.

#### Cathy Herring Central Crops Research Station

Localized storms have caused flooding of emerging corn and vegetable crops. **Steve Dillion – Agronomist Region 14** Warm and wet describes this period for our counties. Rainfall was above average with 2"+ with average with temperatures in mid-80s for highs and low 60s in morning. Pastures are too wet too cut and harvest hay for period.

#### Robert Hawk – Swain County Extension

Parts of Henderson County are experiencing flooding in fields. Strawberry crop has been cut in half by 50% due to extreme rain. Corn and soybeans have to be replanted in low lying flood prone areas near creeks and rivers. Flooded vegetable fields have to be replanted. **Karen Blaedow – Henderson County Extension** Rainfall last week was much needed for recently transplanted tobacco and the corn crop. Farmers were pushing hard on Wednesday to transplant as much tobacco before the rain that they could. The strawberry crop was yielding very well last week. However, you pick operations had very little traffic due to rain chances and cloudy weather.

#### Brandon Poole – Agronomist Region 8

4-6 inches of rain has fallen over the last 5 days.

#### Dwayne Tate – Agronomist Region 12

Craven- Rainfall continues to slow progress of planting soybean, peanut and cotton; application of fertilizer to corn and tobacco; and, weed control applications. Rainfall from Friday through Sunday ranged from 2-4 inches and will delay field work even further. Carteret - Rainfall continues to slow progress of planting soybean and cotton. Split application of nitrogen to corn also delayed. Recent rainfall (Friday through Sunday) ranged from 1-3 inches. **Mike Carroll – Craven & Carteret County Extension** Significant rainfall most of the week severely limited field activity. Soil conditions are extremely wet as most of the county received between 3.5"-4" of rainfall with some areas receiving more. The heavy rains caused some localized flash flooding but no damage has been reported. **Stanly Holloway – Yancey County Ext** Very wet week with over 5" of rain almost everywhere. Tobacco looks good, but poor drainage spots are showing up in no-till crops. No field work taking place and we need some sun!

#### Tim Hambrick – Forsyth County Extension

Wet conditions excessive rain good for all crops but the rain is coming in heavy down pours and running off. Wet humid conditions will promote disease in wheat, soybeans, tobacco.

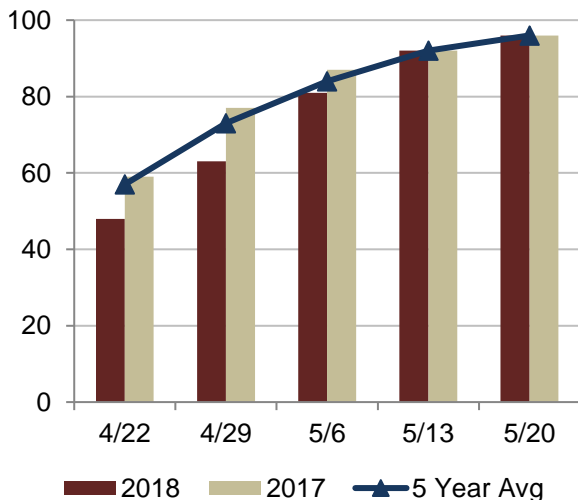
#### Gary Cross – Person County Extension

The renewed rainy weather pattern is affecting the planting of corn planting, which is almost complete as well as soybeans, which is just getting started good. The current weather pattern appears to be favorable for cabbage and potatoes, which are looking very good. Wheat is in the grain filling stage and looking very good. **Al Wood – Pasquotank County Extension**

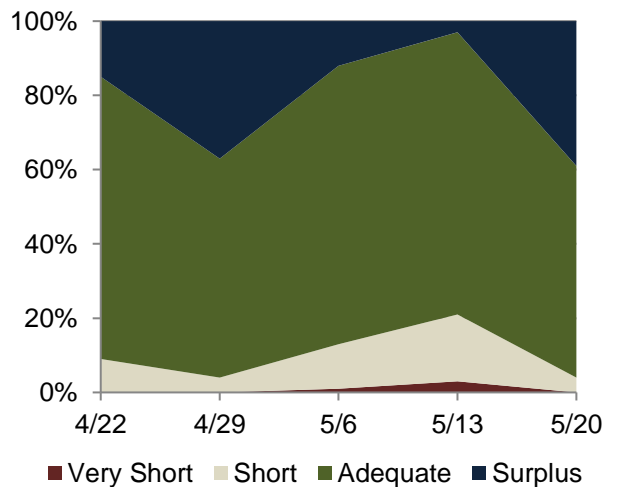
Cotton and Peanuts are being planted. Most of the tobacco has been set. Got right much rain over the weekend.

#### Blake Sandlin – Duplin County Extension

### CORN 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](mailto:dee.webb@nass.usda.gov) with comments regarding this issue.

**WEATHER SUMMARY FOR THE WEEK OF MAY 20, 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	1.35	0.59	20.66	3.33	84	63	72	5	410
ASHEVILLE AIRPO	9.38	8.54	30.01	13.11	87	59	69	5	524
BURLINGTON ALAM	4.51	3.72	19.95	3.45	91	68	74	7	724
CHARLOTTE	1.41	0.72	19.21	3.46	91	67	74	7	768
CLAYTON WTP	2.23	1.44	17.86	1.35	91	66	75	8	614
CLINTON 2 NE	4.32	3.49	16.38	0.27	91	68	76	7	567
ELIZABETH CITY	1.93	1.13	19.09	3.35	89	66	75	9	730
ERWIN AP	1.37	0.56	16.23	-0.18	94	68	75	7	724
FAYETTEVILLE RE	1.31	0.53	12.49	-1.75	93	69	75	4	817
GASTONIA MUNICI	2.56	1.79	18.52	1.93	91	66	74	6	752
GOLDSBORO	2.54	1.71	13.83	-2.80	91	70	76	6	762
GREENSBORO AP	2.37	1.64	19.09	3.68	90	68	73	6	674
GREENVILLE	2.94	2.10	22.80	6.10	91	69	77	8	746
HICKORY FAA AIR	1.30	0.49	23.70	5.94	87	64	71	5	632
JEFFERSON 2 E	5.55	4.26	27.43	6.08	87	47	66	8	264
KINSTON AG RESE	1.29	0.45	18.21	2.09	91	68	74	3	533
LAURINBURG MAXT	1.72	0.86	15.41	2.34	93	68	75	5	783
MOUNT AIRY 2 W	6.07	5.12	24.78	7.42	89	57	71	8	430
NEW BERN	2.79	1.84	17.21	-0.59	87	68	74	4	710
NORTH WILKESBOR	4.37	3.47	25.17	6.07	91	60	73	9	546
OXFORD AG	6.46	5.70	23.07	6.97	91	66	73	7	406
RALEIGH AP	2.31	1.58	18.17	2.43	91	69	74	6	714
REIDSVILLE 2 NW	2.17	1.32	19.01	1.15	91	66	75	10	536
ROANOKE RAPIDS	2.34	1.52	16.92	0.30	93	68	78	11	604
ROBBINSVILLE AG	0.49	-0.46	24.28	-0.31	87	57	70	9	367
ROCKINGHAM	2.53	1.81	23.01	7.14	92	67	74	4	771
ROXBORO 7 ESE	1.86	1.14	14.61	-2.33	90	54	71	6	223
SOUTHERN PINES	1.60	0.92	15.46	-1.01	92	68	75	7	764
STATESVILLE 2 N	6.11	5.39	22.39	5.78	89	60	74	9	545
TARBORO 1 S	1.10	0.38	12.96	-2.83	96	59	76	8	578
VALE AG 2 SW	1.68	0.77	21.91	3.95	92	60	73	6	566
WALLACE 1SE	0.51	-0.45	18.51	0.85	93	68	78	9	544
WASHINGTON	1.98	1.02	19.80	2.73	87	67	75	5	564
WAYNESVILLE 1 E	2.51	1.50	21.74	1.88	85	53	68	8	290
WHITEVILLE 7 NW	1.03	0.06	13.41	-3.04	92	65	75	6	647
WILLIAMSTON 1 E	2.61	1.77	21.05	4.46	91	68	76	9	632
WILMINGTON INTL	6.59	5.52	24.76	7.67	86	69	75	4	805
WILSON 3 SW	1.41	0.48	18.44	1.75	91	68	76	7	630
WINSTON SALEM R	1.42	0.54	20.54	3.68	90	66	73	6	678

\*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.

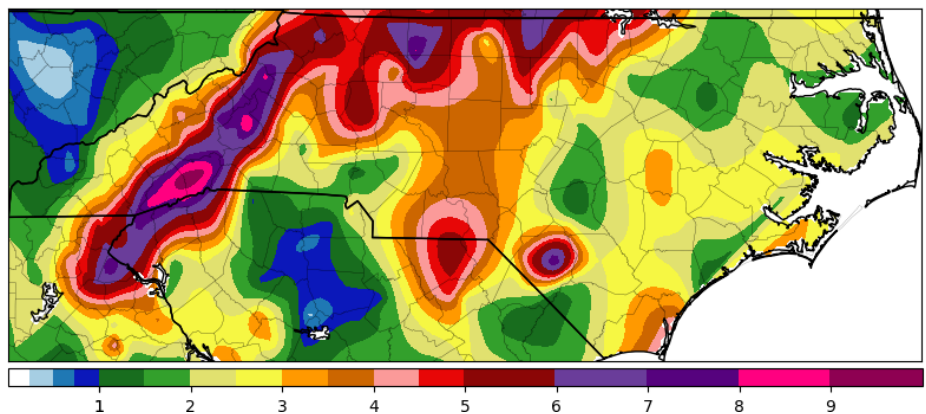
<sup>1</sup>Precipitation (rain or melted snow/ice) NOAA Regional Climate Centers data.

**PRECIPITATION SUMMARY**

North Carolina Region

Precipitation Accumulation (Inches)  
2018-05-14 - 2018-05-20

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



**US DROUGHT MONITOR OF NORTH CAROLINA**

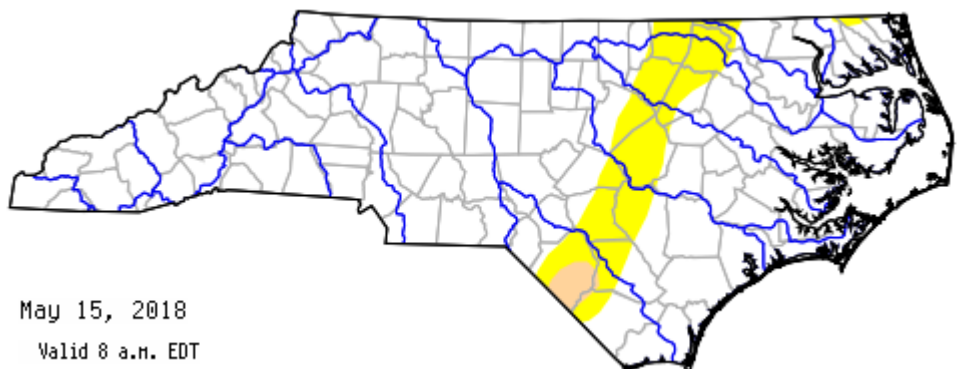
<http://www.ncdrought.org/>

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 15, 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)