

# North Carolina Weather & Crops Report

Released May 31, 2016



## CROP SUMMARY FOR THE WEEK ENDING MAY 29, 2016

### DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
5.7	4.0	6.5	5.9

### SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	2	9	70	19
Subsoil Moisture	0	6	76	18
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: Upland	79	58	79	89
Peanuts	71	51	76	87
Sorghum	50	40	n/a	n/a
Soybeans	46	32	53	45
Sweet Potato	41	18	22	31
Tobacco: Flue Cured	95	86	95	96
Tobacco: Burley	52	37	56	69
PHENOLOGICAL:				
Corn % Emerged	93	88	92	96
Soybean % Emerged	29	16	29	28
Wheat % Headed	98	95	98	99
HARVESTED:				
Hay 1 <sup>st</sup> Cutting	66	37	70	70

### CROP CONDITION PERCENT

	VP	P	F	G	EX
Barley	1	14	40	40	5
Corn	0	2	20	60	18
Cotton	6	6	30	53	5
Hay	1	7	43	44	5
Oats	1	6	37	52	4
Pasture	2	9	42	42	5
Peanut	0	2	16	70	12
Sorghum	1	2	29	61	7
Tobacco: Flue Cured	0	1	19	69	11
Wheat	11	19	32	32	6
Peach	14	9	50	22	5
Apple	10	10	42	37	1

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

First cutting hay harvest is in full swing as producers have taken advantage of the warm, dry weather. Temperatures have been in the upper 70's and lower 80's with only a trace of precipitation in some areas of the county. Burley tobacco transplanting and corn planting is almost complete.

**Stanley Holloway - Yancey County Extension**

Corn is showing stress due to denitrification caused by wet soils over the winter and more recent wet weather. Fields are too wet to apply sidedress N to help corn recover and farmers are still trying to get tobacco transplanted. Wheat is maturing, but the crop is suffering damage from extended wet weather and winds. Wheat has more ryegrass this year than in previous years. Tobacco is still being transplanted. Progress has been slowed by the weather and soil conditions. Some tillage was done early in the week before the weekend. A lot of hay was made early in the week prior to the weekend rainfall.

**Paul Westfall - Granville County Extension**

Rain and over cast conditions continued for most of the week.

**John Ivey - Guilford County Extension**

Crop planting has moved forward most of tobacco transplanting is done corn planting is done. Soybean planting has started. First cutting hay is moving forward at a rapid rate.

**Gary Cross – Person County Extension**

Tobacco growers have completed transplanting in the fields. Strawberry picking season has come to an end with all of the excessive rains in the past two weeks. Livestock producers were busy this past week harvesting hays. Wheat, barley, and oats more than likely will have lower yields than expected when harvesting begins in late June.

**Joey Knight - Caswell County Extension**

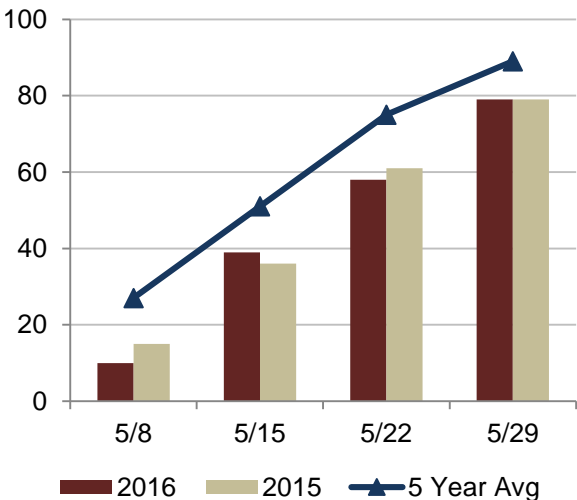
Some areas are still saturated due to all of the rain. We are seeing lots of diseases pop up and production may decline because of this.

**Danelle Cutting - Rowan County Extension**

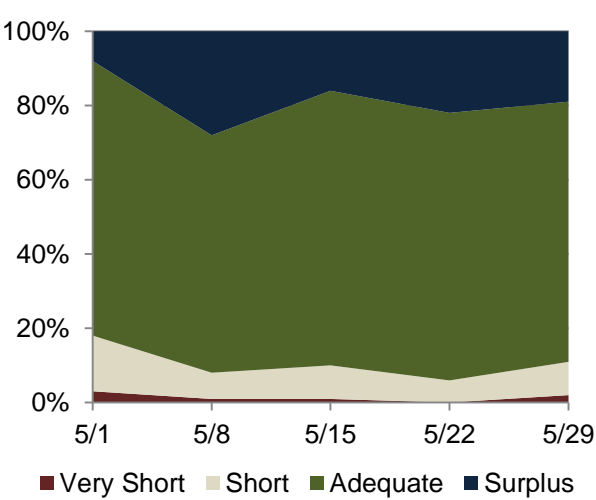
Tropical Storm Bonnie brought some needed moisture to the area over the weekend. Some fields have standing water as of 5/31. Corn crop is looking really good. Wet field conditions will further delay much needed field work and hay cutting.

**Mac Malloy – Robeson County Extension**

### COTTON PERCENT PLANTED



### TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK ENDING MAY 29, 2016

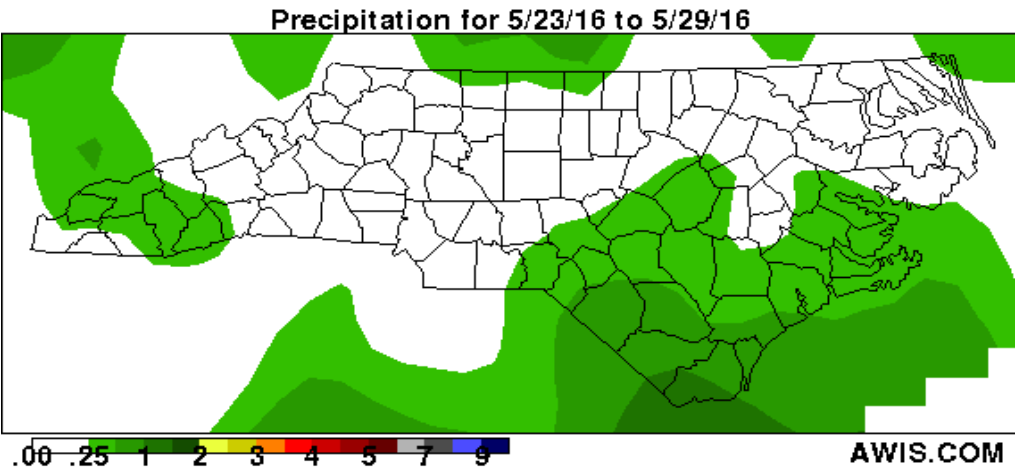
Location	Precipitation (Inches) <sup>1</sup>				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro	0.27	-0.71	16.58	-3.37	86	48	69	0	782
Asheville	0.29	-0.76	14.87	-5.38	82	45	66	2	635
Burlington	0.10	-0.88	13.96	-4.74	87	51	69	0	813
Charlotte	0.16	-0.68	14.82	-3.61	86	49	70	-3	908
Clayton	0.65	-0.19	18.97	0.38	87	49	68	-4	722
Clinton	0.31	-0.60	18.44	-0.33	88	52	70	-2	842
Dunn	0.66	-0.25	16.16	-3.15	88	51	71	2	866
Elizabeth City	0.15	-0.87	17.08	-2.56	87	53	70	0	756
Fayetteville	0.41	-0.40	16.59	-1.61	89	53	72	1	997
Gastonia-Gaston	0.03	-0.86	12.90	-5.72	87	50	70	0	904
Goldsboro	0.24	-0.66	18.02	-1.68	90	51	71	-2	932
Greensboro	0.23	-0.65	19.06	1.31	86	49	70	2	822
Greenville	0.70	-0.28	23.64	4.59	89	53	72	2	873
Hickory	0.10	-0.98	15.53	-5.49	85	50	70	1	780
Jefferson	0.00	-1.12	16.96	-4.06	81	37	59	-2	324
Kinston	0.09	-0.89	21.39	1.87	89	49	70	-2	826
Maxton	0.33	-0.56	14.16	-4.19	88	48	71	-3	962
Mount Airy	0.08	-0.97	19.77	-0.39	86	45	66	-1	571
New Bern	0.27	-0.73	20.93	0.43	88	52	70	-2	918
North Wilkesboro	0.02	-1.04	18.81	-3.32	85	47	67	0	629
Oxford	0.09	-0.84	17.91	-1.05	87	51	69	0	698
Raleigh-Durham	0.21	-0.65	17.63	-0.36	89	50	71	2	856
Reidsville	0.07	-0.84	18.29	-1.64	85	51	69	0	678
Roanoke Rapids	0.11	-0.80	19.29	0.50	90	54	70	1	750
Robbinsville	0.13	-1.13	19.01	-11.59	83	48	65	-1	603
Rockingham	0.24	-0.67	11.42	-7.53	88	49	71	0	931
Roxboro	0.04	-0.80	16.69	-2.26	86	50	69	2	678
Southern Pines	0.25	-0.60	13.06	-6.35	88	48	71	0	899
Statesville	0.05	-0.96	16.91	-2.34	86	46	66	-4	627
Tarboro	0.00	-0.88	18.32	-0.38	88	51	69	-1	756
Vale	0.00	-1.05	16.55	-4.18	86	48	67	-3	689
Wallace	0.42	-0.60	24.30	4.84	88	49	68	-6	825
Washington	0.46	-0.52	20.14	1.00	88	51	70	-1	836
Waynesville	0.19	-0.85	14.19	-8.34	83	41	64	2	479
Whiteville	0.67	-0.45	23.40	3.81	86	50	68	-5	882
Williamston	0.20	-0.78	22.88	3.74	89	52	71	1	797
Willimnton	0.86	-0.25	21.96	2.38	86	52	71	-3	1018
Wilson	0.52	-0.40	19.17	-0.03	88	51	71	1	853
Winston Salem	0.03	-0.85	15.98	-1.77	86	51	70	2	786

<sup>1</sup> Precipitation data considered preliminary \*Data not available.

PRECIPITATION SUMMARY

<http://www.awis.com/>

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc.

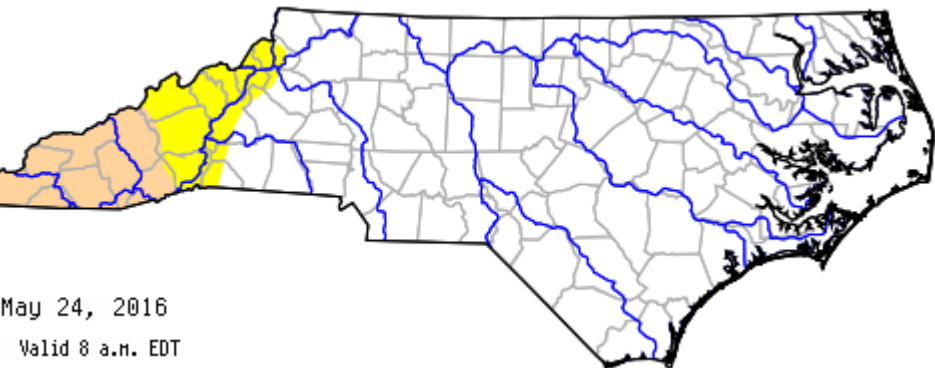


US DROUGHT MONITOR OF NORTH CAROLINA

<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



S = Short-Term, typically <6 months (e.g. agriculture, grasslands)  
L = Long-Term, typically >6 months (e.g. hydrology, ecology)