

North Carolina Weather & Crops Report

Released November 21, 2016



CROP SUMMARY FOR THE WEEK ENDING NOVEMBER 20, 2016

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.3	6.7	3.5	5.1

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	17	25	52	6
Subsoil Moisture	10	24	57	9

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

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PHENOLOGICAL:				
Wheat – Emerged	50	30	38	44
HARVESTED:				
Cotton	79	71	68	77
Peanuts	91	84	82	94
Sorghum for Grain	97	94	n/a	n/a
Soybeans	73	62	56	58
Sweet Potato	96	92	88	96
PLANTED:				
Barley	82	76	80	87
Oats	78	68	71	83
Winter Wheat	71	56	54	71

CROP CONDITION PERCENT

	VP	P	F	G	EX
Barley	1	12	15	71	1
Oats	0	11	45	42	2
Pasture	16	25	30	25	4
Wheat	1	12	29	56	2

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

Severe drought conditions persist.

Dwayne Tate – Agronomist Region 12

Rutherford County has not had rain and there is no rain in the future forecast for our county. Producers are using valuable hay reserves at a time of the year that grazing should still be an option. There have not been any reports of wheat planted in the county at this point. **Janice Nicholson – Rutherford County**

Severe to Exceptional Drought conditions continue to exist over Jackson and Swain counties. Only .02 inches of rain occurred during the last week, which was scattered across the counties with some receiving no measurable rain. Windy conditions were reported as well, which has contributed further drying on surface. Cold Frosty (17-30) mornings with mild to warm days. (40-70s)

Christy Bredenkamp – Swain County Extension

Person County had some moisture helped emerging wheat. Soybeans still in the field and quality is getting worse.

Gary Cross – Person County Extension

Most of Stokes County remains at D0 with about 1/8th of the county's NW corner at D1. No measurable rainfall recorded in the month of November. Hay supplies remain adequate for the time being but shortages may begin to occur as the fall hay harvest was well below normal. Smoke from the western NC fires made its first appearance in the county today. Air quality index of 133 cautions sensitive groups about venturing outdoors.

Randy Fulk – Stokes County Extension

Due to dry weather conditions, harvest of most crops is done or almost done. Small grains and rapeseed crops could use some moisture. **Don Nicholson – Agronomist Region 7**

Soybean yields have been reported as being generally good. Received light rains early in the week which were quickly absorbed. Cover crop planting is nearing completion. Emerged cover crops are in need of more rain in order to become well established.

Zachary Taylor – Lee County Extension

First killing frost 11/13. Soybean harvest coming in with generally very high yields. Yields on Sorghum disappointing, due both to sugarcane aphid and drought and heat at anthesis.

Taylor Williams – Moore County Extension

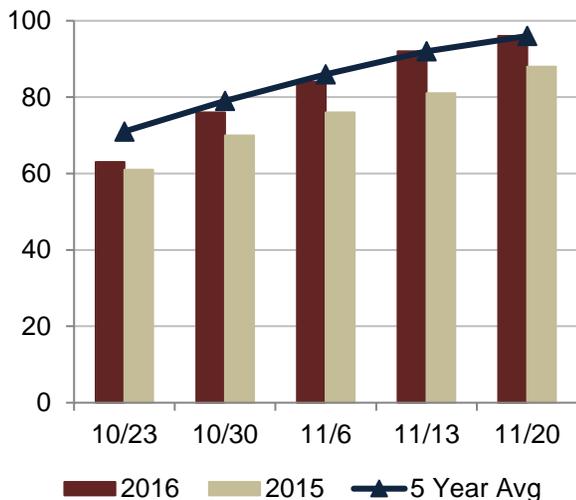
Some showers during the week, probably helped germinating wheat. Conditions are much drier than last year.

Daniel Simpson – Pamlico County Extension

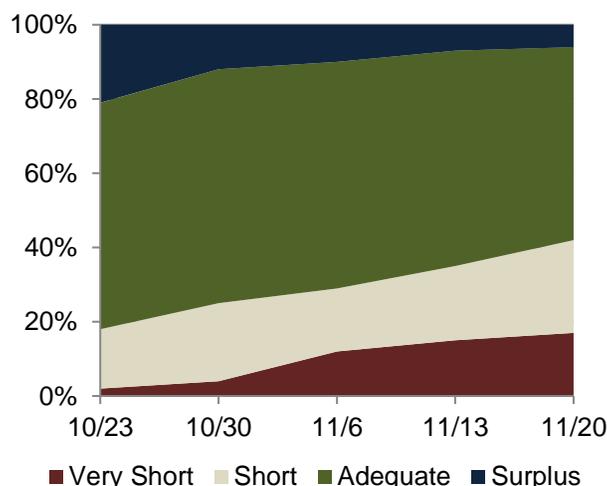
Dry conditions continue across the county. Light rain Sunday evening provided a little moisture for fall wheat but no significant rain has fallen since Hurricane Mathew in early October. Soybean harvest is nearly complete. Heavy frost expected over the weekend will help late planted/maturing beans finish drying out. Expect harvest will be complete by the end of next week if dry weather conditions continue.

Mark Seitz – Pender County Extension

SWEET POTATOES PERCENT HARVESTED



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK ENDING NOVEMBER 20, 2016

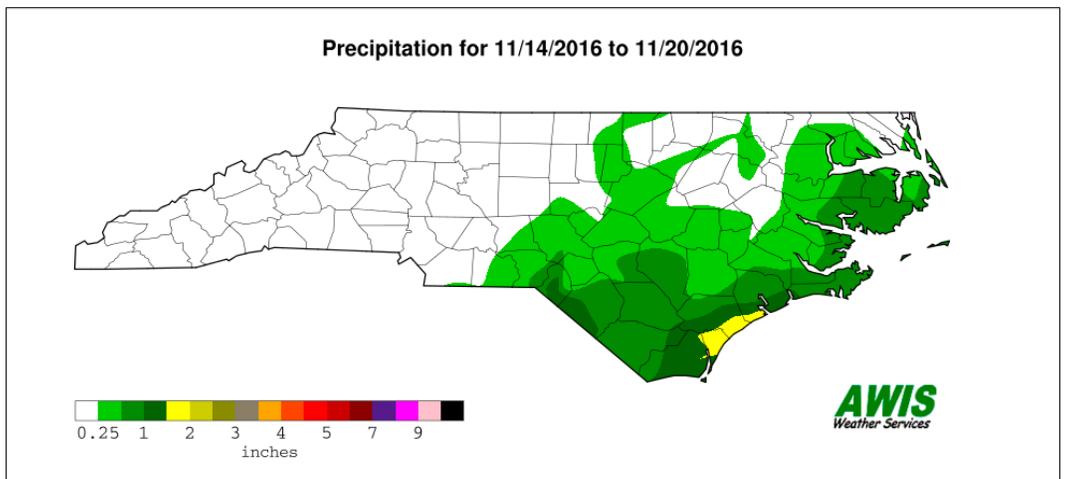
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro	0.04	-0.68	38.90	-3.57	75	32	53	3	4837
Asheville	0.00	-0.91	29.55	-12.98	77	29	48	2	4190
Burlington	0.14	-0.56	36.52	-4.53	77	31	52	2	4848
Charlotte	0.05	-0.72	30.08	-9.28	77	30	53	1	5276
Clayton	0.26	-0.51	51.35	9.76	76	29	52	2	4655
Clinton	0.47	-0.23	52.21	7.14	76	31	52	0	5065
Dunn	0.37	-0.33	51.27	7.14	76	35	55	5	5160
Elizabeth City	0.10	-0.60	50.95	7.92	73	35	53	0	4955
Fayetteville	0.38	-0.32	52.59	9.87	77	35	55	3	5679
Gastonia-Gaston	0.02	-0.68	28.48	-11.81	78	28	53	3	5289
Goldsboro	0.37	-0.40	64.22	18.72	78	34	56	2	5477
Greensboro	0.00	-0.70	37.18	-2.01	79	33	54	5	4999
Greenville	0.12	-0.55	66.13	20.88	78	34	54	2	5218
Hickory	0.00	-0.88	30.85	-13.46	77	33	53	4	4845
Jefferson	0.00	-0.91	37.08	-7.18	76	15	43	1	2868
Kinston	0.27	-0.37	63.00	16.34	77	27	53	1	5037
Maxton	0.47	-0.28	42.67	-1.32	77	30	54	2	5503
Mount Airy	0.00	-0.84	41.26	-1.39	81	20	48	3	3973
New Bern	0.32	-0.45	61.73	11.88	76	38	56	2	5381
North Wilkesboro	0.00	-0.84	37.93	-8.11	80	28	51	5	4269
Oxford	0.26	-0.44	48.58	7.02	72	23	49	0	4519
Raleigh-Durham	0.33	-0.37	49.34	10.21	77	31	53	3	5127
Reidsville	0.00	-0.77	44.66	1.83	77	26	50	1	4443
Roanoke Rapids	0.08	-0.69	48.73	6.74	77	25	53	4	4959
Robbinsville	0.00	-1.31	33.41	-24.99	76	27	50	3	3829
Rockingham	0.42	-0.37	37.07	-7.78	76	32	52	2	5220
Roxboro	0.31	-0.46	48.53	6.29	75	21	49	1	4390
Southern Pines	0.40	-0.37	40.50	-3.22	77	30	53	1	5192
Statesville	0.00	-0.77	35.26	-6.08	76	23	49	1	4250
Tarboro	0.03	-0.54	61.47	19.80	75	29	52	2	4873
Vale	0.00	-0.84	30.41	-12.93	77	27	49	0	4506
Wallace	0.42	-0.28	57.15	7.32	76	32	52	-4	5151
Washington	0.39	-0.24	60.71	15.38	76	37	54	2	5032
Waynesville	0.00	-0.91	25.94	-17.59	76	22	45	1	3315
Whiteville	0.80	0.14	72.31	26.26	76	35	52	-3	5178
Williamston	0.14	-0.49	66.98	21.65	75	32	53	1	5006
Wilmington	1.77	1.00	64.29	12.08	76	38	56	0	5566
Wilson	0.14	-0.60	57.44	14.52	77	36	55	4	5105
Winston Salem	0.00	-0.70	35.62	-3.57	77	35	53	4	4855

¹ 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.



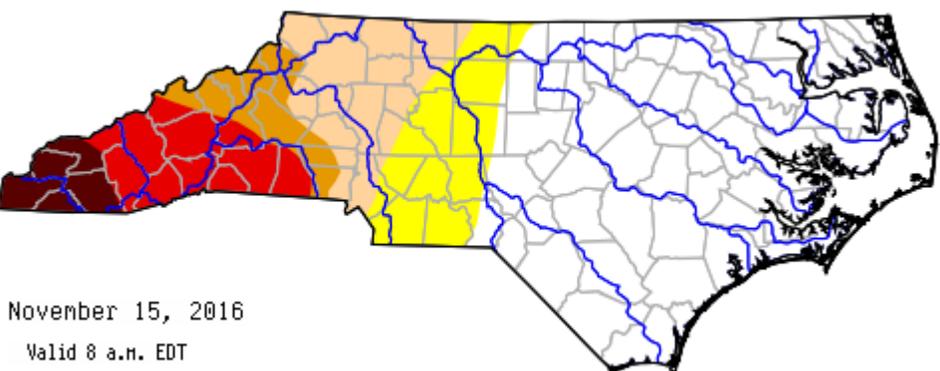
US DROUGHT MONITOR OF NORTH CAROLINA

<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



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)