

North Carolina Weather & Crops Report

Released: April 16, 2018



CROP SUMMARY FOR THE WEEK OF APRIL 15, 2018

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
5.5	5.0	6.5	4.9

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	0	6	71	23
Subsoil Moisture	0	6	75	19

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

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PLANTED:				
Corn	30	13	29	32

CROP CONDITION PERCENT

	VP	P	F	G	EX
Barley	1	4	33	58	4
Oats	0	2	17	75	6
Pasture	1	5	33	59	2
Wheat	0	4	24	63	9

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

Corn planting progressed nicely last week. Most wheat fields that I visited last week were just prior to or at the flag leaf stage.

Brandon Poole – Agronomist Region 8

Up and down temperatures not helping.

Gary Cross – Person County Extension

Pastures are starting to grow. If we can get warm temperatures producers should soon be able to turn cattle out for the summer.

Julia Houck – Ashe-Alleghany County Extension

Drier soil conditions allowed growers to make good progress with soil preparation for planting. Temperatures were cool early in the week with low temperatures in the lower 30's but warmed significantly by late week with highs into the mid 70's. There was some light frost; however, damage was very minimal with only a few fruit crop blooms being affected. Other farm activities included fertilizing hay and pastures.

Stanley Holloway – Yancey County Extension

Some drying weather towards the end of the week allowed corn planting in some areas. More rain forecasted over the weekend will set us back another week. Early planted corn looks good.

Daniel Simpson – Pamlico County Extension

Had a good week last week as far as field work was concerned. Corn planting started, tobacco land was beginning to be worked, and last night brought rain, slowing everything down for a few days.

Tim Hambrick Forsyth County Extension

Dry weather allowed for good progress last week on preparing tobacco fields. Tobacco transplants in greenhouses are progressing well.

Paul McKenzie – Warren County Extension

Corn planting is just beginning. Flying into Wilmington on Wednesday Pender County and northern New Hanover County fields looked very wet. Only farms with sandy soils appeared dry enough to plant. Soil temperatures are also a bit cold to be real aggressive. However with temperatures in the low 80s coming corn planting should increase significantly by next week.

Mark Seitz/Tim Matthews – Pender County Extension

The spring has started very slowly, with early fruit floral development retarded by cold March weather. Strawberries are 1-2 weeks later than normal, and at least three weeks later than last year. The peach crop appears to be fair, with not more than 2

weeks left of potential freezing weather. Blueberries, except for the earliest highbush varieties, appear to have a substantial, though not full, crop. **Taylor Williams – Moore Cnty Extension** Carteret- Limited planting of corn occurred this week. Wet soils and frequent rainfall preventing most field work. Limited acres of corn previously planted still not emerged. Craven - Wet soils preventing planting of corn and tobacco transplant. Windy conditions prevent application of pre-plant, burn-down herbicides.

Mike Carroll – Carteret County Extension

Weather was good over the period with frost/light freeze early in period with warm, breezy and dry days followed by rain and light snow late with 1.25" of rainfall, which is normal for the period. Soil moisture is "Average WET" for topsoil and "Very WET" for subsoil conditions.

Robert Hawk – Swain County Extension

Wet field conditions this week. Corn is being planted.

Blake Sandlin - Duplin County Extension

Planting of Irish potato is complete and cabbage planting is all but complete. Corn planting has begun and as soon as the land dries, most people will start planting. A small acreage of full season soybeans has been planted in the last 3 weeks and they are starting to emerge. Wheat looks really good and it will be heading in the next week to 3 weeks. A small amount of foliar disease is starting to show up in wheat with it primarily being powdery mildew.

Al Wood - Pasquotank County Extension

Our soils are remaining cool and wet therefore our tobacco transplanting is already a week behind compared to the last couple of years. Corn planting is behind also due to the cool wet soils. We hope planting conditions will be better the end of this week. Our small grain crop is starting to show some disease issues such as powdery mildew as well.

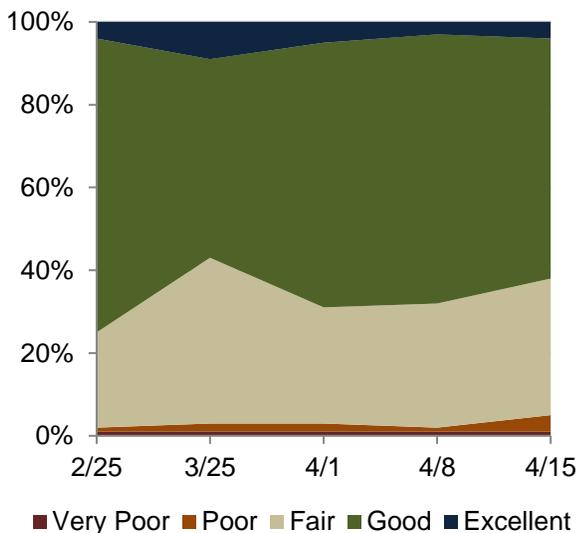
Charles Mitchell – Franklin County Extension

Early wheat varieties are heading with good potential. Growers made good progress with corn planting but many are behind. Received some much needed rain with cold front that pushed through with strong winds. No reports of damage at this time.

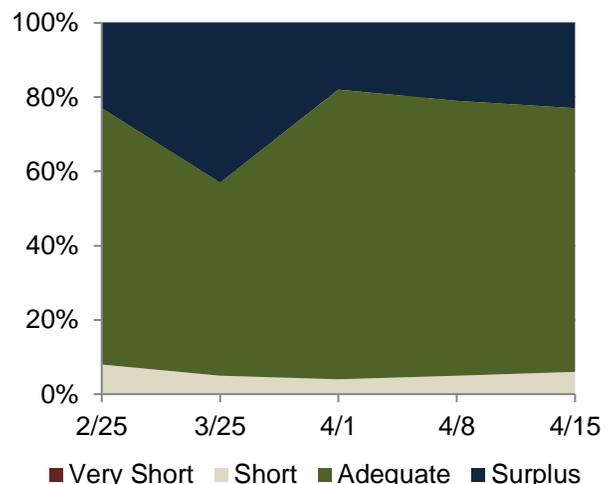
Mac Malloy – Robeson County Extension

Corn planting is now in full swing, and small grains continue to look good. **Stephen Bishop – Cleveland SWCD**

BARLEY CONDITION PERCENT



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK OF APRIL 15, 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	0.96	-0.13	14.26	0.98	81	41	60	1	94
ASHEVILLE AIRPO	2.38	1.62	15.49	2.56	76	37	56	2	91
BURLINGTON ALAM	1.55	0.64	10.19	-3.09	82	42	60	2	150
CHARLOTTE	1.18	0.50	10.68	-1.59	81	46	61	2	163
CLAYTON WTP	0.03	-0.69	13.31	0.28	80	33	55	-4	94
CLINTON 2 NE	0.11	-0.56	7.74	-4.66	82	39	56	-4	51
ELIZABETH CITY	0.63	-0.13	12.86	0.76	81	41	57	-1	139
ERWIN AP	0.33	-0.40	13.93	1.42	82	34	60	1	157
FAYETTEVILLE RE	0.64	-0.06	8.67	-2.55	83	39	59	-3	170
GASTONIA MUNICI	1.11	0.35	11.41	-1.94	80	43	61	2	166
GOLDSBORO	0.00	-0.80	9.21	-3.64	83	37	58	-3	149
GREENSBORO AP	1.06	0.22	11.88	0.32	80	42	59	1	124
GREENVILLE	0.33	-0.40	14.95	2.11	83	36	60	-1	136
HICKORY FAA AIR	2.05	1.17	14.03	0.30	77	41	58	0	119
JEFFERSON 2 E	0.00	-1.27	12.87	-2.96	72	23	45	-3	25
KINSTON AG RESE	0.24	-0.49	14.14	0.24	84	36	59	-3	161
LAURINBURG MAXT	0.02	-0.53	8.03	-1.65	83	40	58	-3	153
MOUNT AIRY 2 W	0.00	-0.86	12.97	0.14	78	30	51	-2	42
NEW BERN	0.44	-0.26	9.68	-3.97	78	39	55	-6	124
NORTH WILKESBOR	0.07	-0.87	13.52	-0.96	80	31	55	1	78
OXFORD AG	1.81	1.06	11.68	-0.89	79	39	59	2	102
RALEIGH AP	0.01	-0.68	10.64	-1.73	81	40	59	-1	136
REIDSVILLE 2 NW	1.08	-0.17	12.52	-1.31	82	29	56	-1	87
ROANOKE RAPIDS	0.01	-0.84	11.08	-1.60	82	35	56	-1	93
ROBBINSVILLE AG	0.28	-0.64	19.67	1.42	79	27	52	-4	66
ROCKINGHAM	1.12	0.48	17.97	5.50	82	40	59	-2	164
ROXBORO 7 ESE	1.76	0.97	11.89	-1.46	81	29	59	3	107
SOUTHERN PINES	1.96	1.26	8.95	-4.00	83	38	58	0	156
STATESVILLE 2 N	0.07	-0.76	10.75	-2.02	80	36	55	1	69
TARBORO 1 S	0.02	-0.70	10.79	-1.50	82	35	54	-3	92
VALE AG 2 SW	0.05	-0.75	13.72	-0.06	81	31	56	-2	95
WALLACE 1SE	0.37	-0.45	13.41	-0.03	82	34	53	-6	96
WASHINGTON	0.18	-0.52	11.95	-1.03	82	35	57	-4	116
WAYNESVILLE 1 E	0.07	-0.79	13.97	-1.11	72	27	45	-6	26
WHITEVILLE 7 NW	0.24	-0.42	8.72	-3.65	73	36	50	-10	85
WILLIAMSTON 1 E	0.13	-0.60	14.36	1.69	82	36	56	-3	112
WILMINGTON INTL	1.06	0.44	13.50	0.48	78	39	58	-4	155
WILSON 3 SW	0.87	-0.19	12.42	-0.18	82	38	59	0	126
WINSTON SALEM R	3.45	2.54	13.63	0.67	80	41	59	1	127

*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.

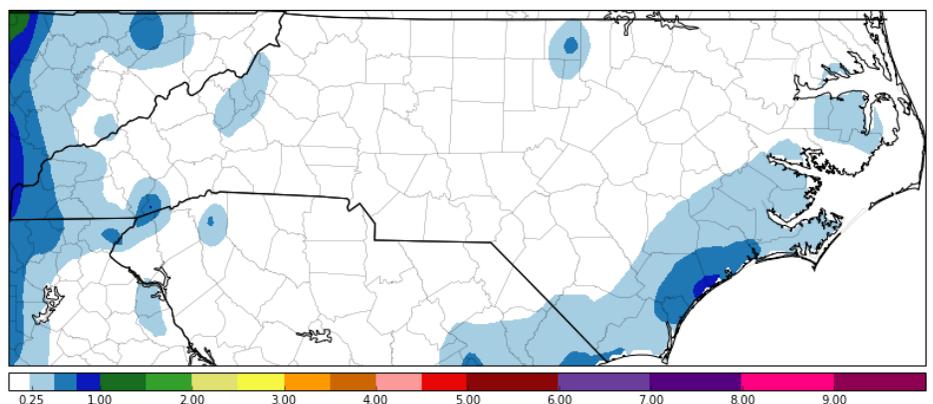
¹Precipitation (rain or melted snow/ice) NOAA Regional Climate Centers data.

PRECIPITATION SUMMARY

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

North Carolina Region

Precipitation Accumulation (inches)
2018-04-09 - 2018-04-15



US DROUGHT MONITOR OF NORTH CAROLINA

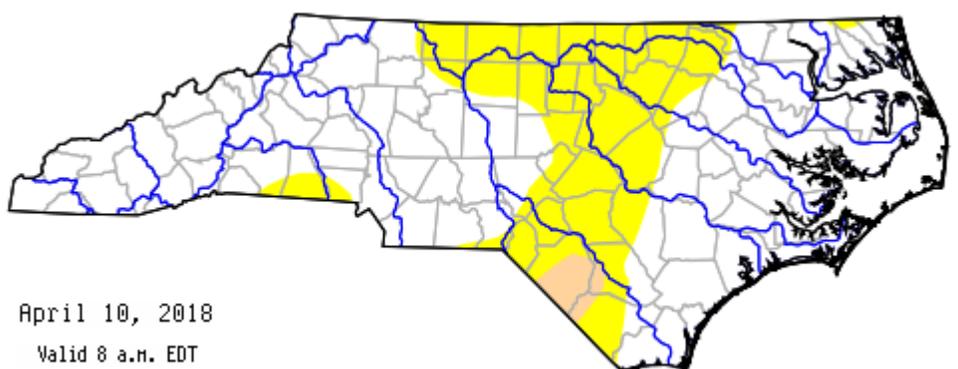
<http://www.ncdrought.org/>

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

April 10, 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)