

North Carolina Weather & Crops Report

Released: April 23, 2018



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North Carolina
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CROP SUMMARY FOR THE WEEK OF APRIL 22, 2018

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
5.3	5.5	5.7	5.1

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	0	9	76	15
Subsoil Moisture	0	7	78	15

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	48	30	59	57
Tobacco: Flue-cured	14	n/a	21	15
PHENOLOGICAL:				
Barley	25	n/a	n/a	n/a
Corn Emerged	11	n/a	10	21
Wheat Headed	20	n/a	54	27

CROP CONDITION PERCENT

	VP	P	F	G	EX
Barley	1	2	29	64	4
Oats	1	2	13	77	7
Pasture	1	5	27	65	2
Wheat	0	2	22	67	9

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

Wet and dry cool temperatures at night affecting pasture growth. Also cool soil temperatures are holding up tobacco transplanting and corn planting.

Gary Cross – Person County Extension

Producers are starting to turn cattle out on pastures. We have had rainfall, but cool temperatures have grass growing slow. Hoping for warmer temperatures to jump start pastures.

Julia Houck – Ashe-Alleghany County Extension

Rain and snow early in the week limited field activity. Most of the county received between 1.5"-2" of precipitation for the week. Temperatures dipped into the mid 20's a couple of night resulting in some frost/freeze damage to blooming fruit crops. Drier soil conditions later in the week allowed for some field tillage/preparations. Other farm activities included fertilizing pastures and hay ground.

Stanley Holloway – Yancey County Extension

Drying weather allowed corn planting to restart. Good progress has been made.

Daniel Simpson – Pamlico County Extension

Wet soil conditions are still slowing crop progress. Some field prep work has been done on some well drained soils, but most areas are still too wet for equipment. Growers are starting to experience greenhouse problems with collar rot, pythium, and target spot on transplants. Some growers are starting to transplant tobacco, but field conditions and soil temperatures are slowing progress. Some corn has been planted with more farmers set to plant once fields get dry enough. Pastures are finally growing enough to produce grazing for cattle, which will reduce the need to feed hay. Wheat is about ready to start heading, and has had fast growth in the last couple of weeks with warmer daytime temperatures. Soils are still a bit cold, though.

Paul Westfall - Granville County Extension

Heavy rains early in the week with totals ranging from 3 to over 4 inches. Patchy frost Friday and Saturday mornings.

Zachary Taylor – Lee County Extension

Weather continues to hamper field progress. Cooler temperatures are slowing crop emergence.

Cathy Herring – Central Crops Research Station

The weather has still been on the colder side, so pastures are slower growing.

Noah Henson – Henderson County Extension

Frequent rainfall and cooler temperatures continue to delay transplant of tobacco and corn planting. Approximately 10% of previously planted corn will likely need to be replanted due to poor emergence.

Mike Carroll – Craven County Extension

This period was drier than normal with about .25" which is below normal. Days were cool in morning and warm in day with temperatures ranging from a low of 26, 29F and 30 F on several mornings in the favored agriculture valleys and high of 86 F.

Robert Hawk – Swain County Extension

Drier weather patterns is allowing farmers to plant some corn. Burndown herbicide applications and tilling of corn land continues. Irish potatoes are emerging and cabbage are looking really good and growing. A lot of wheat should start showing grain heads this week and some foliar fungicides are being applied. We need continued drying weather for corn planting to continue, but the weather forecast shows rain in the coming week.

Al Wood - Pasquotank County Extension

Still experiencing cold wet soils. Tobacco and corn planting are two weeks behind for our area.

Charles Mitchell – Franklin County Extension

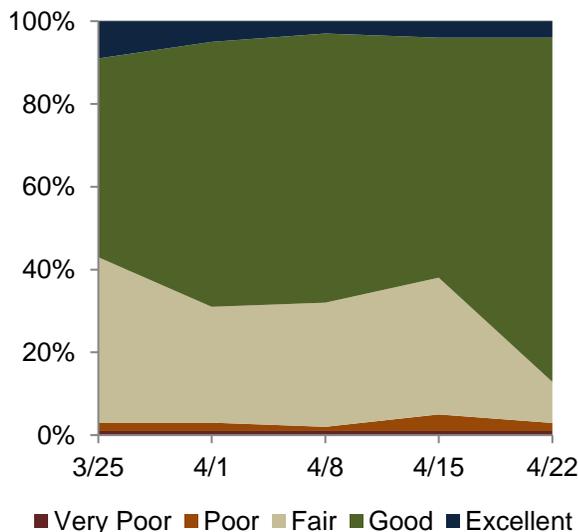
Corn planting continues with good stands on what has come up. Powdery mildew present in wheat. Tobacco slowly getting to the field. Looking forward to some much needed rain and warm temperatures.

Mac Malloy – Robeson County Extension

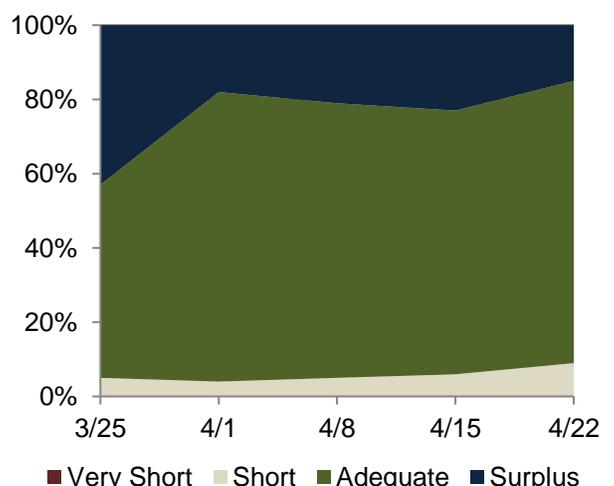
Tobacco transplanting is progressing, slowed by rains earlier in the week. Wheat is heading and looking good. Strawberry harvest has begun in earnest, berry quality and taste are very good.

Don Nicholson – Agronomist Region 7

BARLEY CONDITION PERCENT



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK OF APRIL 22, 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	0.01	-0.86	14.27	0.12	79	28	51	-9	130
ASHEVILLE AIRPO	0.00	-0.75	15.49	1.81	85	32	52	-4	120
BURLINGTON ALAM	1.55	0.80	11.74	-2.29	84	35	56	-3	200
CHARLOTTE	1.16	0.44	11.84	-1.15	84	31	58	-2	224
CLAYTON WTP	0.64	-0.03	13.95	0.25	81	33	55	-5	131
CLINTON 2 NE	1.13	0.45	8.87	-4.21	82	36	58	-4	98
ELIZABETH CITY	1.33	0.65	14.19	1.41	77	36	55	-4	180
ERWIN AP	0.00	-0.77	13.60	0.32	84	37	60	-1	150
FAYETTEVILLE RE	0.62	-0.02	9.29	-2.57	86	37	59	-4	240
GASTONIA MUNICI	1.11	0.40	12.52	-1.54	84	30	57	-3	220
GOLDSBORO	0.00	-0.78	9.21	-4.42	83	37	59	-3	209
GREENSBORO AP	1.07	0.23	12.95	0.55	81	36	55	-5	166
GREENVILLE	0.81	0.09	15.76	2.20	83	37	58	-4	191
HICKORY FAA AIR	2.01	1.16	16.04	1.46	81	31	55	-4	163
JEFFERSON 2 E	3.28	1.96	16.15	-1.00	79	23	46	-5	41
KINSTON AG RESE	0.92	0.21	15.05	1.92	82	37	63	-1	191
LAURINBURG MAXT	2.63	2.01	10.66	0.36	86	35	58	-4	214
MOUNT AIRY 2 W	1.87	1.01	14.84	1.15	80	30	51	-4	61
NEW BERN	2.39	1.67	12.07	-2.30	82	39	59	-4	187
NORTH WILKESBOR	2.60	1.63	16.12	0.67	82	33	54	-3	112
OXFORD AG	0.00	-0.68	10.93	-2.32	81	35	54	-6	132
RALEIGH AP	3.30	2.63	13.94	0.90	81	34	56	-5	180
REIDSVILLE 2 NW	1.65	0.75	13.89	-0.56	80	35	54	-5	99
ROANOKE RAPIDS	1.00	0.18	12.08	-1.42	80	36	56	-3	130
ROBBINSVILLE AG	1.13	0.08	20.80	1.50	81	29	49	-9	85
ROCKINGHAM	1.12	0.46	19.09	5.96	86	30	58	-4	219
ROXBORO 7 ESE	0.36	-0.39	12.25	-1.85	81	32	57	-1	124
SOUTHERN PINES	1.98	1.29	11.78	-1.95	85	32	57	-3	208
STATESVILLE 2 N	0.98	0.15	11.73	-1.87	83	28	53	-3	100
TARBORO 1 S	0.15	-0.56	10.94	-2.06	82	34	55	-5	130
VALE AG 2 SW	2.17	1.37	15.89	1.31	84	31	53	-6	124
WALLACE 1SE	1.16	0.34	14.57	0.31	84	37	57	-4	148
WASHINGTON	1.01	0.33	14.56	0.90	79	37	56	-7	140
WAYNESVILLE 1 E	1.78	0.96	15.75	-0.15	80	33	51	-2	76
WHITEVILLE 7 NW	1.10	0.39	9.82	-3.26	84	35	58	-4	138
WILLIAMSTON 1 E	0.93	0.19	15.29	1.88	82	37	56	-4	158
WILMINGTON INTL	0.96	0.33	14.46	0.81	85	40	59	-4	222
WILSON 3 SW	0.37	-0.33	13.37	0.07	82	37	57	-4	120
WINSTON SALEM R	1.12	0.34	14.75	1.01	82	33	56	-5	168

*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.

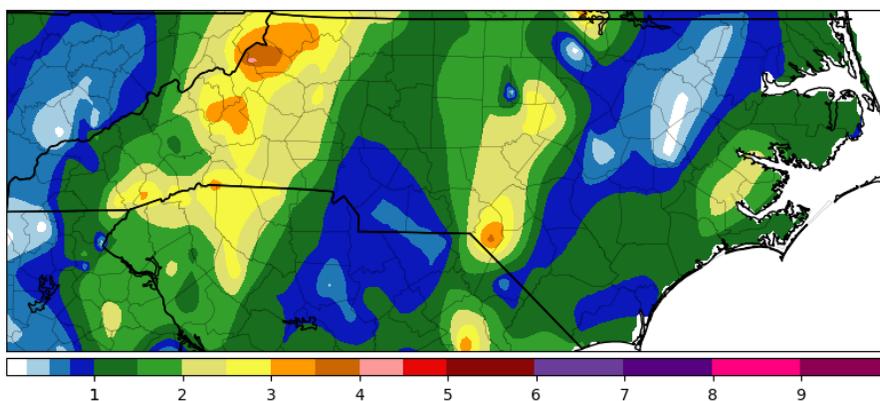
¹Precipitation (rain or melted snow/ice) NOAA Regional Climate Centers data.

PRECIPITATION SUMMARY

North Carolina Region

Precipitation Accumulation (Inches)
2018-04-16 - 2018-04-22

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/>

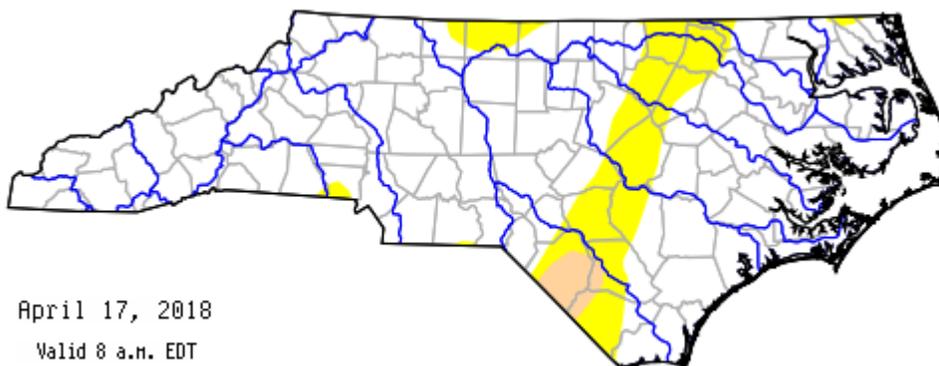
The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

April 17, 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)