

North Carolina Weather & Crops Report

Released: February 26, 2018



CROP SUMMARY FOR THE MONTH OF FEBRUARY 2018

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
3.8	n/a	n/a	n/a

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	1	7	55	37
Subsoil Moisture	0	8	69	23

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

CROP PROGRESS PERCENT – WITH COMPARISONS

This Week	Last Week	Last Year	5 Yr. Avg.
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CROP CONDITION PERCENT

	VP	P	F	G	EX
Barley	1	1	23	71	4
Oats	0	2	27	70	1
Pasture	3	20	37	37	3
Wheat	0	2	20	74	4

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

Receiving close to 3 inches of rain has been of benefit to our hay, grazing and wheat producers. With the warmer temperatures grass and wheat are beginning to grow.

Janice Nicholson - Rutherford County Extension

The recent rains and warm conditions have the small grain crops growing and maturing quickly. Strawberries are also maturing a little quicker than usual, with many flowers showing on Camarosa, due to the warmer than normal temperatures.

Don Nicholson – Agronomist Region 7

Wet conditions in late January and early February delayed split nitrogen applications on small grains.

Cathy Herring – Central Crops Research Station

Weather conditions for February have been highly variable with normal temps early in the month but with record setting warm temps late in the month. Most of the county received between 3.5"-4" of precipitation for the month. Wet soil conditions hindered field activities; however, some fields dried enough this past week to allow producers to plow.

Stanley Holloway – Yancey County Extension

It has been a wet February. The week of the 19th has seen the warmest and sunniest weather this month. Most, if not all, fields are too wet to work in.

Matthew Leary – Chowan County Extension

A much warmer than usual last few weeks has given small grains an early spring growth. I already see field work to control weeds in winter fallow fields, and it is not March yet. There is good moisture in the soil, but always concern for insects to build up when mild weather persists. Tobacco greenhouse production has begun with good germination to this point.

Roy Thagard – Greene County Extension

February has been wet and warm with 6.00" +/- of rain across Jackson and Swain Counties, which is 1.50" above normal. Record Temperatures were set with many days staying above 50 F for consecutive days and approaching 80 F in the valleys. Pastures are "Greening-Up" with a little growth.

Robert Hawk – Swain County Extension

Warm temperatures have allowed wheat to green up and start growing fast. Fertilizer applications began. Growers are seeding tobacco greenhouses. Warm weather is causing grass to start greening up early, but pastures will not be ready to graze for another month or two. We have been getting much needed rainfall, but ponds are still lower than normal.

Paul Westfall – Granville County Extension

Regular rain and above average temperatures are easing pressure on feed supplies.

Steve Duckett – Buncombe County Extension

With all of the rainfall, it's been tough for grain farmers to get onto fields to topdress nitrogen. Tobacco growers have just finished seeding greenhouses. Cold vegetable crops are being planted. Pastures are starting to green up in just the last two weeks here in Caswell County.

Joey Knight – Caswell County Extension

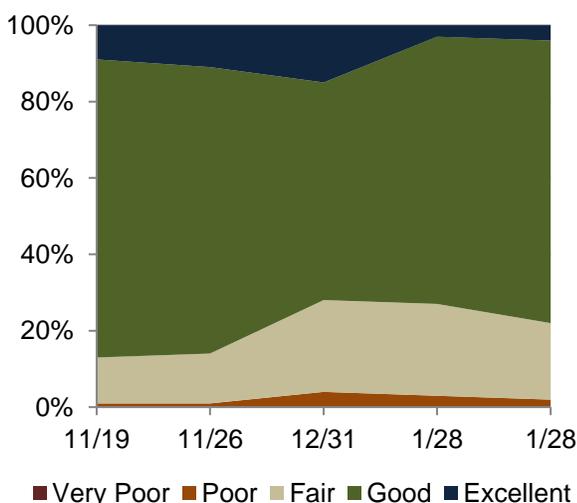
Very warm weather has everything greening up a lot earlier than normal. Producers are trying to spread fertilizer but wet conditions have limited fieldwork. Some peach trees are already blooming.

Stephen Bishop – Cleveland SWCD

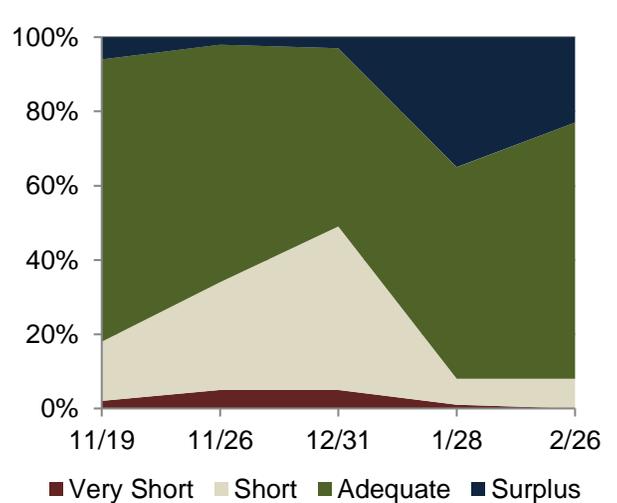
Warm weather has pushed growth on wheat and stands look good at this time. Blueberry growers are also indicating a push on blossom emergence which will create challenges if March weather cools down.

Mark Seitz/Tim Matthews – Pender County Extension

WHEAT CONDITION PERCENT



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE MONTH OF FEBRUARY 2018*

Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Month		Year to Date		This Month				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
ASHEBORO 2 W	2.80	-0.01	7.28	0.21	77	18	48	6	4424
ASHEVILLE AIRPO	5.12	1.75	9.16	2.12	79	19	51	11	4017
BURLINGTON ALAM	2.16	-0.72	5.38	-1.00	83	18	53	11	4930
CHARLOTTE	2.85	-0.09	5.41	-0.94	82	22	55	11	5258
CLAYTON WTP	2.14	-0.88	6.82	-0.02	81	19	51	9	4785
CLINTON 2 NE	1.52	0.05	5.33	-1.23	78	21	50	6	5158
ELIZABETH CITY	2.64	-0.21	6.54	0.43	81	22	53	9	5340
ERWIN AP	1.25	-2.00	4.10	-2.30	82	23	55	8	5286
FAYETTEVILLE RE	1.42	-1.05	4.50	-1.27	83	21	57	10	5967
GASTONIA MUNICI	3.06	-0.08	6.02	-0.98	82	20	55	12	5167
GOLDSBORO	1.93	-1.75	5.63	-1.10	81	21	56	9	4925
GREENSBORO AP	2.53	-0.09	6.18	0.50	80	18	50	8	4733
GREENVILLE	2.44	-0.55	7.85	1.00	82	22	55	10	5495
HICKORY FAA AIR	4.18	0.86	7.44	0.29	80	20	50	8	4578
JEFFERSON 2 E	4.41	0.63	7.92	0.93	76	11	43	9	2615
KINSTON AG RESE	1.40	0.06	6.50	-0.09	76	21	52	5	5693
LAURINBURG MAXT	1.55	-0.17	4.66	-0.49	82	21	54	9	5316
MOUNT AIRY 2 W	5.98	3.14	7.94	1.46	77	15	44	6	3746
NEW BERN	1.08	-2.17	6.14	-1.13	84	22	56	9	5615
NORTH WILKESBOR	5.75	2.55	8.83	1.40	78	19	47	8	4120
OXFORD AG	1.53	-2.00	3.48	-2.07	75	25	48	8	1971
RALEIGH AP	1.54	-1.33	5.46	-0.91	81	18	53	8	5215
REIDSVILLE 2 NW	2.97	0.19	5.87	-1.02	76	15	45	5	4377
ROANOKE RAPIDS	1.71	-0.92	6.06	-0.28	79	18	50	9	5135
ROBBINSVILLE AG	7.12	1.95	9.15	2.93	78	16	48	7	3621
ROCKINGHAM	1.72	-1.83	4.50	-1.34	82	20	55	8	5685
ROXBORO 7 ESE	1.55	-1.91	6.29	0.52	71	13	41	2	4039
SOUTHERN PINES	1.42	-2.25	4.23	-3.40	81	19	54	7	5795
STATESVILLE 2 N	3.92	0.93	6.30	-0.11	79	15	47	8	4161
TARBORO 1 S	1.52	-0.68	7.26	0.71	80	21	46	4	4949
VALE AG 2 SW	4.46	0.67	7.59	2.51	82	18	49	6	4320
WALLACE 1SE	1.74	-1.41	7.17	-0.01	82	21	54	9	5443
WASHINGTON	1.96	-0.61	6.37	-0.43	77	20	51	5	4988
WAYNESVILLE 1 E	5.56	1.87	8.02	-0.31	76	12	47	10	3135
WHITEVILLE 7 NW	0.77	-1.77	3.48	-3.22	81	24	53	8	5313
WILLIAMSTON 1 E	2.75	-0.04	7.16	0.55	80	22	53	9	5250
WILMINGTON INT'	1.70	-1.53	8.52	1.53	82	25	58	9	5995
WILSON 3 SW	2.13	-0.28	6.03	-0.51	81	24	52	8	5245
WINSTON SALEM R	3.81	1.34	6.09	-0.39	78	18	47	4	4588

*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.

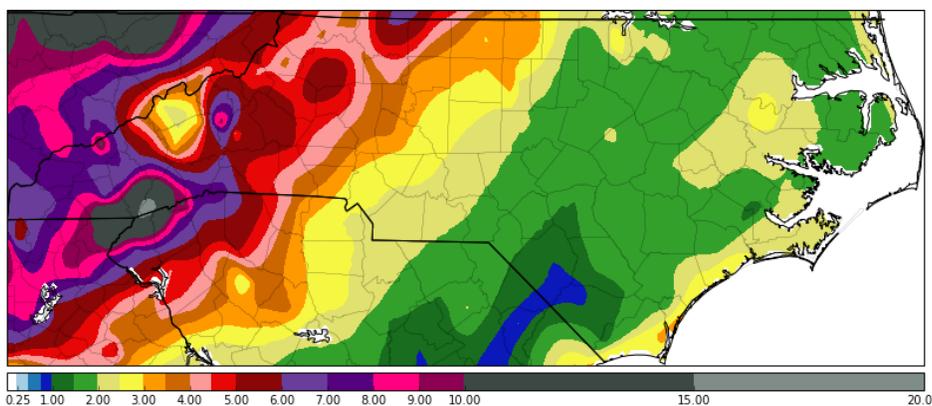
¹Precipitation (rain or melted snow/ice) NOAA Regional Climate Centers data.

PRECIPITATION SUMMARY

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

North Carolina Region

Precipitation Accumulation (inches)
2018-02-01 - 2018-02-25



US DROUGHT MONITOR OF NORTH CAROLINA

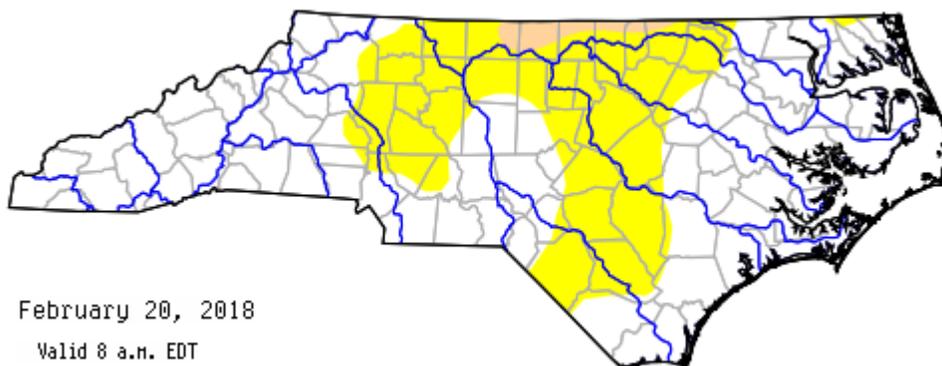
<http://www.ncdrought.org/>

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

February 20, 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)