

North Carolina Weather & Crops Report

Released: January 29, 2018



**USDA, NASS
North Carolina
Field Office**
PO Box 27767
Raleigh, NC 27611
Phone (919) 856-4394
www.ncagr.gov/stats

CROP SUMMARY FOR THE MONTH OF JANUARY 2018

DAYS SUITABLE FOR FIELD WORK

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

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	1	7	57	35
Subsoil Moisture	0	13	63	24

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	0	8	17	73	2
Oats	0	2	46	52	0
Pasture	2	27	36	34	1
Wheat	0	3	24	70	3

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

Rutherford County has experienced extremely cold conditions throughout the county and have been dry up until the 4.5 - 6 inches of snow with 1 - 2 inches this past weekend. Hay reserves are being utilized to offset the lack of grass for grazing.

Janice Nicholson - Rutherford County Extension

Small grains are looking fair to good.

Don Nicholson – Agronomist Region 7

Franklin County was getting dry compared to most winters. The snow helped and now we are receiving much needed rain to fill the irrigation ponds for summer. The small grain crops and pastures have suffered some from the extreme cold temperatures and lack of rain.

Charles Mitchell - Lee County Extension

10 inches of snow last week some rain behind that

Gary Cross – Person County Extension

Not much outside activities be done on the farm, but growers are preparing for the upcoming growing season as well as doing inside activities including working on equipment, etc.

Al Wood – Pasquotank County Extension

Wet winter conditions have limited field work.

Daniel Simpson – Pamlico County Extension

Very little rainfall in December.

Tim Britton – Johnston County Extension

Winter wheat has been recovering from the previous week's freeze. Some is in need of N fertilization very soon. Strawberries left uncovered have damaged foliage, but crowns appear minimally damaged at this point.

Georgia Love – Agronomist Region 5

Cold wave first half of January with more normal temperatures second half of month. 2-3 of rainfall month, which is .5-1 inch below normal. Basically a colder and drier month than average.

Robert Hawk – Swain County Extension

Frigid temperatures at the end of December caused some injury to small fruits and tree fruits. Will know more by the end of January.

Taylor Williams - Moore County Extension

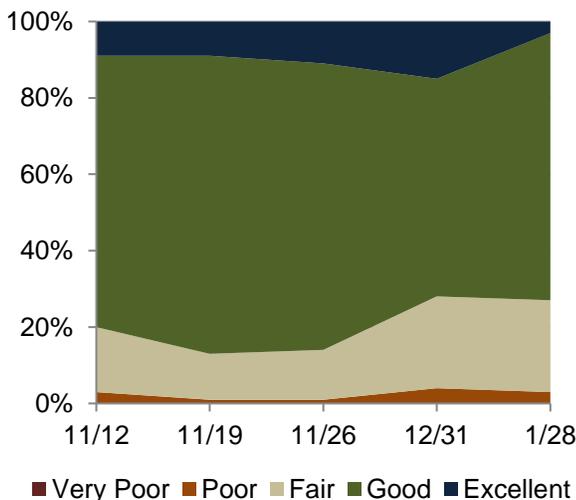
Extremely cold temperatures have had adverse effects across many crops, especially winter wheat and rye. There have been 2 snow events that have helped with drought conditions, but the county is still abnormally dry for this time of year which is concerning for many farmers as the year progresses.

Brad Thompson – Montgomery County Extension

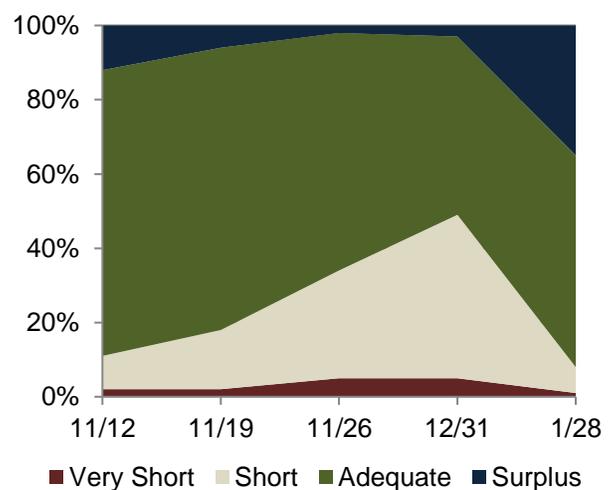
We have had 1.5-3 inches of water across the county since 1/28. Coupled with the 1-5 inches of snow that melted in from the 1/17 snowfall, topsoil moisture in good. Irrigation ponds and creeks are still low, but may rise after this rainfall.

Tim Britton – Johnston County Extension

WHEAT CONDITION PERCENT



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE MONTH OF JANUARY 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	1.92	-0.55	1.92	-0.55	68	6	30	-9	4328
ASHEVILLE AIRPO	3.97	0.67	3.97	0.67	64	6	34	-4	3889
BURLINGTON ALAM	2.95	-0.03	2.95	-0.03	75	4	38	-1	4766
CHARLOTTE	2.55	-0.54	2.55	-0.54	69	8	38	-2	5060
CLAYTON WTP	2.66	-0.68	2.66	-0.68	71	6	35	-4	4648
CLINTON 2 NE	2.42	0.65	2.42	0.65	74	7	40	-1	5113
ELIZABETH CITY	2.97	0.07	2.97	0.07	73	2	37	-4	5178
ERWIN AP	2.85	0.05	2.85	0.05	72	15	39	-2	5002
FAYETTEVILLE RE	2.01	-0.89	2.01	-0.89	74	9	40	-4	5740
GASTONIA MUNICI	2.96	-0.40	2.96	-0.40	70	9	38	-2	4969
GOLDSBORO	3.70	0.65	3.70	0.65	73	5	39	-3	4850
GREENSBORO AP	3.49	0.72	3.49	0.72	69	6	35	-4	4605
GREENVILLE	3.22	-0.27	3.22	-0.27	74	-1	38	-4	5300
HICKORY FAA AIR	3.25	-0.21	3.25	-0.21	67	8	36	-4	4456
JEFFERSON 2 E	3.06	-0.20	3.06	-0.20	59	-2	27	-5	2566
KINSTON AG RESE	2.25	-0.57	2.25	-0.57	74	2	38	-7	5610
LAURINBURG MAXT	1.05	-0.97	1.05	-0.97	76	2	37	-5	5159
MOUNT AIRY 2 W	1.69	-1.61	1.69	-1.61	66	1	31	-4	3684
NEW BERN	3.26	-0.23	3.26	-0.23	74	5	38	-6	5404
NORTH WILKESBOR	2.69	-1.01	2.69	-1.01	67	3	32	-4	4041
OXFORD AG	1.95	-0.07	1.95	-0.07	67	0	34	-4	1965
RALEIGH AP	3.29	0.13	3.29	0.13	71	4	37	-4	5053
REIDSVILLE 2 NW	1.74	-1.52	1.74	-1.52	69	3	32	-6	4306
ROANOKE RAPIDS	2.95	-0.30	2.95	-0.30	72	2	35	-4	5002
ROBBINSVILLE AG	1.55	0.50	1.55	0.50	60	2	30	-3	3510
ROCKINGHAM	2.78	-1.15	2.78	-1.15	73	4	38	-4	5500
ROXBORO 7 ESE	1.82	-0.47	1.82	-0.47	71	-1	27	-9	4022
SOUTHERN PINES	2.81	-1.15	2.81	-1.15	71	1	37	-5	5485
STATESVILLE 2 N	1.22	-1.88	1.22	-1.88	67	-2	31	-5	4055
TARBORO 1 S	3.63	1.69	3.63	1.69	72	2	35	-4	4903
VALE AG 2 SW	2.34	1.05	2.34	1.05	67	4	33	-3	4198
WALLACE 1SE	3.05	-0.10	3.05	-0.10	76	5	37	-6	5250
WASHINGTON	8.32	5.22	8.32	5.22	71	-1	35	-8	4871
WAYNESVILLE 1 E	1.95	-1.65	1.95	-1.65	61	0	28	-7	3057
WHITEVILLE 7 NW	1.03	-2.15	1.03	-2.15	75	12	37	-6	5156
WILLIAMSTON 1 E	2.57	-0.90	2.57	-0.90	74	-3	36	-5	5089
WILMINGTON INT'	6.00	2.63	6.00	2.63	72	11	42	-4	5760
WILSON 3 SW	1.64	-1.31	1.64	-1.31	72	1	36	-5	5111
WINSTON SALEM R	0.95	-1.44	0.95	-1.44	67	7	34	-5	4522

*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.

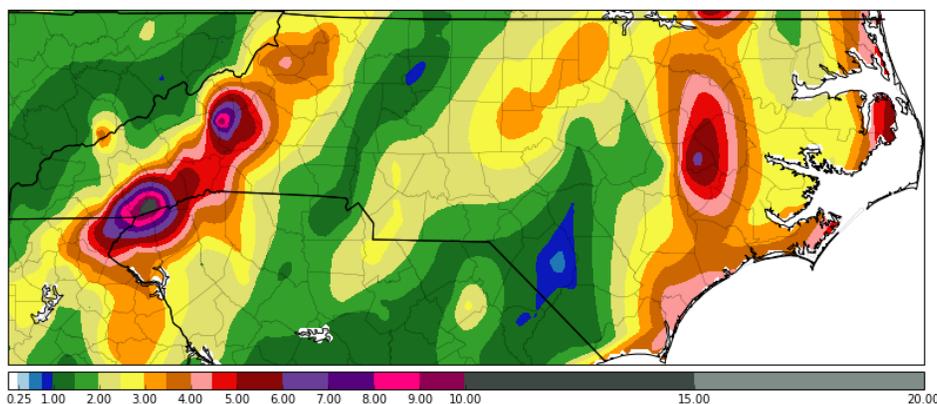
¹Precipitation (rain or melted snow/ice) NOAA Regional Climate Centers data.

PRECIPITATION SUMMARY

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

North Carolina Region

Precipitation Accumulation (inches)
2018-01-01 - 2018-01-28



US DROUGHT MONITOR OF NORTH CAROLINA

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

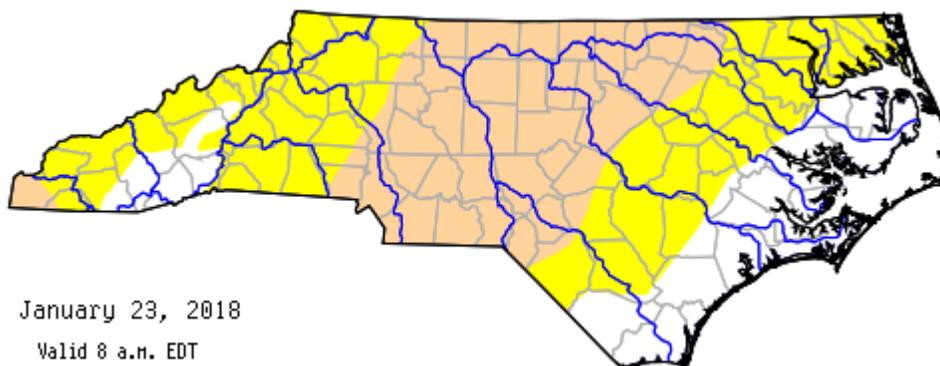
The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

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

January 23, 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)