

North Carolina Weather & Crops Report

Released: September 10, 2018



CROP SUMMARY FOR THE WEEK OF SEPTEMBER 9, 2018

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.6	6.6	5.7	5.6

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	4	34	58	4
Subsoil Moisture	1	19	75	5

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

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PHENOLOGICAL:				
Corn Dent	96	93	98	97
Corn Mature	90	80	87	90
Cotton Bolls Opening	43	25	33	36
Soybeans Setting Pods	92	83	91	89
Soybeans Dropping Leaves	17	7	17	13
HARVESTED:				
Apples	60	47	49	48
Corn for Grain	43	27	53	49
Corn for Silage	84	74	71	74
Hay: Second Cutting	94	91	97	89
Hay: Third Cutting	47	36	46	46
Peaches	95	91	92	93
Tobacco: Burley	28	19	29	42
Tobacco: Flue-cured	67	58	65	67

CROP CONDITION PERCENT

	VP	P	F	G	EX
Corn	8	20	31	35	6
Cotton	3	10	25	53	9
Hay	1	8	54	33	4
Pasture	1	10	41	46	2
Peanuts	3	4	25	58	10
Sorghum	2	8	34	51	5
Soybeans	3	7	27	51	8
Sweet Potatoes	0	6	38	43	13
Tobacco: Burley	1	2	44	52	1

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

The tobacco crop is quick to ripen now. Hurricane Florence has got farmers working quickly to get the crop in. We are expected to get upwards of 10 inches of rain which could be devastating to the remaining crop. Rain is much needed, but not in these quantities. The soybean crop could benefit from rain and cooler temperatures but not flooding. **Charles Mitchell – Franklin County Extension**

Soybean, peanut, and cotton have been negatively affected by the recent weeks of dry weather. The forecasted path of Hurricane Florence is not looking good for NC. The remaining corn and tobacco crops are going to be very vulnerable to wind damage. Possible flooding will be an issue for all crops and livestock operations. **Mac Malloy – Robeson County Extension**

Had a few weeks of good dry weather. Farmers are picking corn as hard as they can. Some areas of the county could use a rain shower. **Blake Sandlin - Duplin County Extension**

The ONLY good thing about Hurricane Florence coming is it has been very dry in Pender County for a month. Hopefully that will minimize flooding. Corn harvest is going well but will likely not finish before Wednesday. Some very good corn yields have been harvested in spite of the extremely wet months of May and July. The 13,000-15,000 acres of soybeans planted across Pender County generally look good but are tall and severe lodging with the upcoming storm is possible. Blueberry growers are irrigating to keep plants healthy. **Mark Seitz-Tim Matthews – Pender County**

Dry conditions this week a little corn being harvested. Tobacco harvest is proceeding, grass hay being cut for 2nd time, soybeans under stress due to heat. **Gary Cross – Person County Ext**

Dry weather has continued and helped with corn harvest. Early soybeans will need harvest this week or next, but will be hindered by the approaching hurricane. **Daniel Simpson – Pamlico Ext**

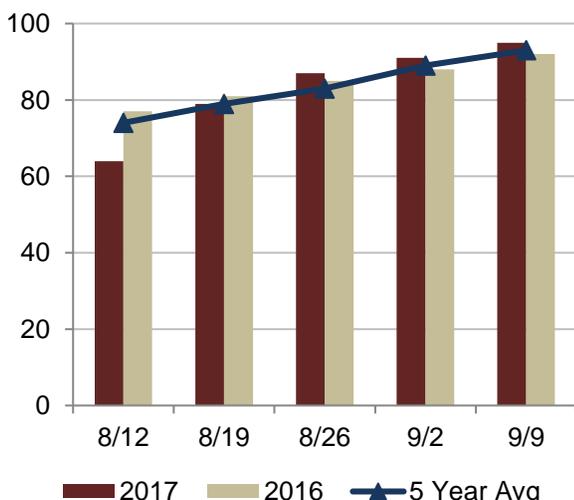
The pattern of scattered afternoon thunderstorms continued with highly variable rainfall amounts across the county. Some areas received little to no rainfall for the week while others received up to 2". Temperatures were above normal for this time of year. Most of the remaining second cutting hay was harvested this week and burley tobacco and corn silage harvest began.

Stanley Holloway - Yancey County Extension
Harvest of tobacco continues but progress is limited by barn space. Crop leaves are simply maturing and decaying faster than we have the ability to cure. Corn harvest showing average to slightly above average yield for limited fields harvested to date. Earlier planted cotton bolls 50% open but later plantings vary from less than 5% open bolls to full bloom. Soybeans have tremendous variance in crop stage, growth and yield potential due to great variance in planting date. Peanut crops appear good to excellent but some diseases are beginning to develop. All farmers are closely watching the tropical storm systems and working diligently to harvest and prepare for potential storm impacts.

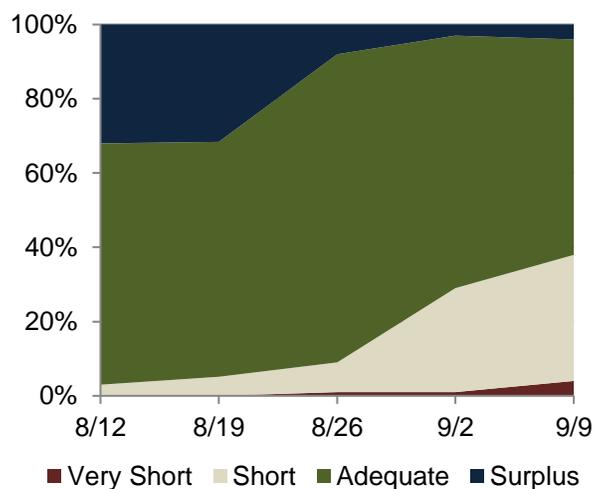
Mike Carroll - Craven County Extension
Farmers were hoping to get caught up with harvest this week, but conditions are changing with the forecasted hurricane. Tobacco yields are variable, as is quality and price. Soybeans are improving in quality, but low areas are showing disease pressure, likely brought on by environmental stress through the growing season. High humidity hasn't helped any. Pastures are in good shape, and hay harvest continues. Drying conditions haven't been that great with the high humidity we have experienced. Wheat planting hasn't started yet.

Paul Westfall - Granville Extension
Conditions in most of Cleveland County have turned very dry. Corn harvest is underway. **Stephen Bishop – Cleveland SWCD**

PEACHES PERCENT HARVESTED



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK OF SEPTEMBER 9, 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	0.10	-0.83	38.13	6.12	92	67	80	6	3480
ASHEVILLE AIRPO	0.11	-0.83	56.39	23.57	87	63	76	6	3194
BURLINGTON ALAM	0.06	-0.80	38.88	6.67	92	65	79	6	3864
CHARLOTTE	0.71	-0.06	36.98	7.38	94	70	82	8	4046
CLAYTON WTP	0.32	-0.85	37.83	4.08	91	68	80	6	3625
CLINTON 2 NE	0.00	-1.28	37.31	1.47	92	70	81	5	3863
ELIZABETH CITY	0.53	-0.41	49.71	14.51	91	71	81	7	3958
ERWIN AP	0.00	-1.14	41.23	5.77	94	71	81	6	4046
FAYETTEVILLE RE	0.00	-1.07	31.86	-0.93	95	71	83	7	4201
GASTONIA MUNICI	1.63	0.90	38.87	8.07	94	70	82	8	3986
GOLDSBORO	0.00	-1.42	34.77	-0.55	92	70	81	5	4062
GREENSBORO AP	1.13	0.06	40.12	9.96	92	63	79	5	3733
GREENVILLE	0.07	-1.32	41.36	5.48	92	70	81	6	4084
HICKORY FAA AIR	0.00	-0.90	43.53	10.53	91	66	79	6	3540
JEFFERSON 2 E	0.70	-0.35	47.98	8.97	88	59	73	8	2395
KINSTON AG RESE	0.03	-1.23	32.16	-3.17	91	70	81	4	3798
LAURINBURG MAXT	0.00	-1.11	36.27	7.77	95	68	81	6	4145
MOUNT AIRY 2 W	0.61	-0.35	43.47	9.82	91	64	77	7	3126
NEW BERN	0.18	-1.20	51.40	12.77	90	69	80	3	3819
NORTH WILKESBOR	1.17	0.16	46.81	11.10	90	65	78	7	3416
OXFORD AG	1.94	0.93	41.52	8.56	92	66	80	6	3335
RALEIGH AP	0.19	-0.91	37.64	6.68	92	67	80	5	3865
REIDSVILLE 2 NW	2.34	1.33	40.86	7.61	91	64	79	6	3521
ROANOKE RAPIDS	0.07	-0.95	37.55	4.85	94	71	82	8	3808
ROBBINSVILLE AG	0.01	-0.96	43.95	0.50	85	63	73	4	2688
ROCKINGHAM	0.51	-0.61	35.17	0.92	94	69	82	7	4092
ROXBORO 7 ESE	0.67	-0.32	33.86	1.98	92	67	80	9	3030
SOUTHERN PINES	0.00	-0.99	42.18	9.08	93	67	80	6	3948
STATESVILLE 2 N	0.01	-0.85	43.99	12.79	90	64	78	7	3469
TARBORO 1 S	0.00	-1.26	30.08	-2.21	93	71	82	7	3654
VALE AG 2 SW	0.46	-0.31	40.44	7.36	93	66	79	6	3537
WALLACE 1SE	0.01	-1.50	44.55	5.11	93	69	82	6	3834
WASHINGTON	0.00	-1.35	37.01	1.53	91	69	79	2	3696
WAYNESVILLE 1 E	0.16	-0.80	36.38	1.89	88	60	74	7	2650
WHITEVILLE 7 NW	0.00	-1.35	30.55	-5.01	92	68	80	4	3952
WILLIAMSTON 1 E	0.03	-1.41	42.42	7.04	90	73	81	7	3922
WILMINGTON INTL	0.00	-1.88	66.19	24.78	90	71	80	3	4194
WILSON 3 SW	0.25	-1.02	35.32	1.11	93	70	81	5	3926
WINSTON SALEM R	0.63	-0.27	42.88	9.28	90	64	78	5	3752

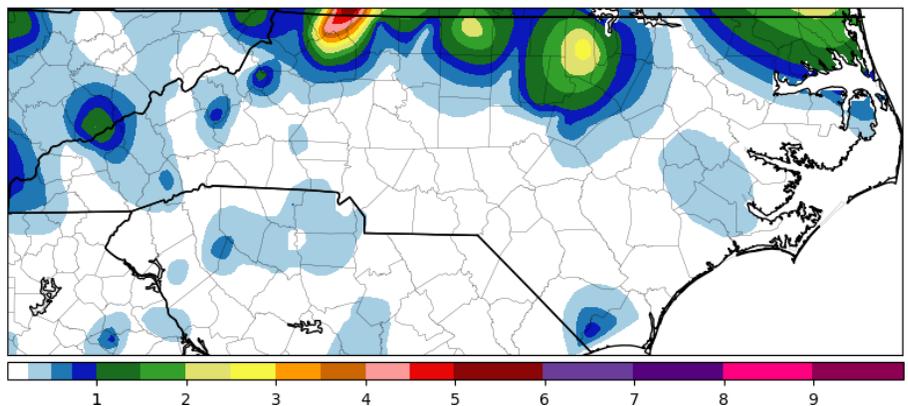
¹Effective October 15, 2017 the weather data source has been changed. The basic format of the data tables has not changed, but the data content will be based on newer historical datasets used for average calculations and changes in methodology subroutines for missing data.
¹Precipitation (rain or melted 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)
2018-09-03 - 2018-09-09



US DROUGHT MONITOR OF NORTH CAROLINA

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

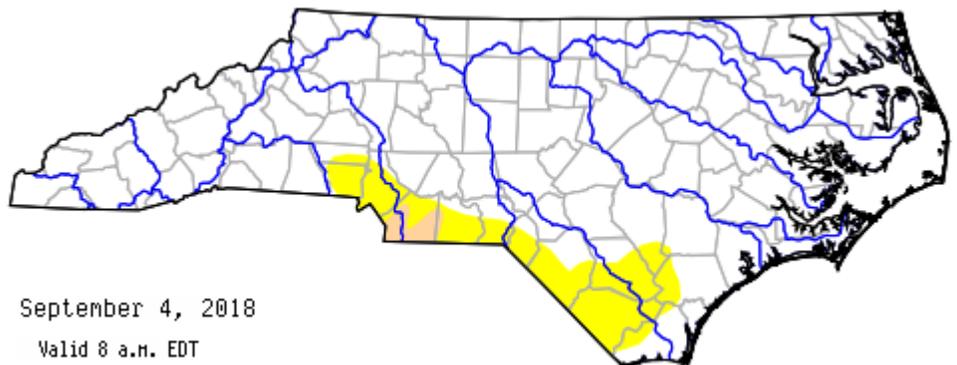
The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

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

September 4, 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)