

North Carolina Weather & Crops Report

Released: September 4, 2018



CROP SUMMARY FOR THE WEEK OF SEPTEMBER 2, 2018

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.6	6.4	5.1	5.6

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	1	28	68	3
Subsoil Moisture	0	15	81	4

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	93	91	95	95
Corn Mature	80	67	81	84
Cotton Setting Bolls	95	91	97	97
Cotton Bolls Opening	25	N/A	19	22
Soybeans Setting Pods	83	74	86	82
HARVESTED:				
Apples	47	27	41	41
Corn for Grain	27	12	35	33
Corn for Silage	74	57	63	63
Hay: Second Cutting	91	89	95	86
Hay: Third Cutting	36	25	39	39
Peaches	91	87	88	89
Tobacco: Burley	19	N/A	21	35
Tobacco: Flue-cured	58	50	56	59

CROP CONDITION PERCENT

	VP	P	F	G	EX
Apples	0	15	38	47	1
Corn	11	19	34	32	4
Cotton	3	10	27	53	7
Hay	1	8	53	34	4
Pasture	1	9	43	45	2
Peanuts	3	3	30	57	7
Sorghum	3	7	32	52	6
Soybeans	5	7	29	51	8
Sweet Potatoes	0	5	42	45	8
Tobacco: Burley	1	3	44	51	1

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

With no rain this week the ground is starting to dry out which is great for those who are harvesting hay but it is negatively affecting the growth of the other commodities.

Janice Nicholson – Rutherford County FSA

Conditions remain dry and rain would be welcome. Corn harvest continues with good yields. Cotton is beginning to cut out on marginal soils. Soybeans are looking good. Growers are pushing to get tobacco out of the field.

Mac Malloy – Robeson County Extension

Rainfall was near average with .70" for the period with temperatures above normal with high humidity and dew points resulting in scattered afternoon and evening Thundershowers.

Robert Hawk – Swain County Extension

Field conditions are dry helping corn harvest move along rapidly. However, soil moisture is dropping and soybeans that are trying to fill pods need rain. Pastures are dry and need rain as well and could lead to a shortfall of hay going into the fall/winter.

Mark Seitz-Tim Matthews – Pender County

Tobacco being harvested lower grades. Heat stress on soybeans, corn harvest begin next two to three weeks. Hemp crop suffering from disease but some is turning for bud harvest.

Gary Cross – Person County Extension

Areas throughout Region 7 are now in need of a rain. Some isolated storms brought relief to some, but more is needed to fill out soybean, peanut and cotton crops. Tobacco growers are attempting to fill every available curing barn to save as much of the crop as possible.

Don Nicholson – Agronomist Region 7

Scattered afternoon thunderstorms and rain events limited field activity for the week. Precipitation levels were highly variable with most areas receiving between 1"-2" of rain; however, some areas of the county received significantly more resulting in localized flash flooding with minimal crop damage.

Stanley Holloway – Yancey County Extension

Harvest of tobacco proceeding quickly due to rapid leaf decay. Harvest of corn steady but limited by high grain moisture content and wet soils conditions limiting equipment travel. Soybean and cotton growth and conditions varies by planting date.

Mike Carroll – Craven County Extension

With the recent rainfall soil moistures have increased slightly causes pastures to green back up some. Tobacco growers are harvesting with light weights on late planted tobacco. Early planted tobacco is looking great with good yields with the X and C grades already harvested. Home gardeners are planting fall cold crops. Strawberry growers are getting ready to lay plastic for late September plantings.

Joey Knight – Caswell County Extension

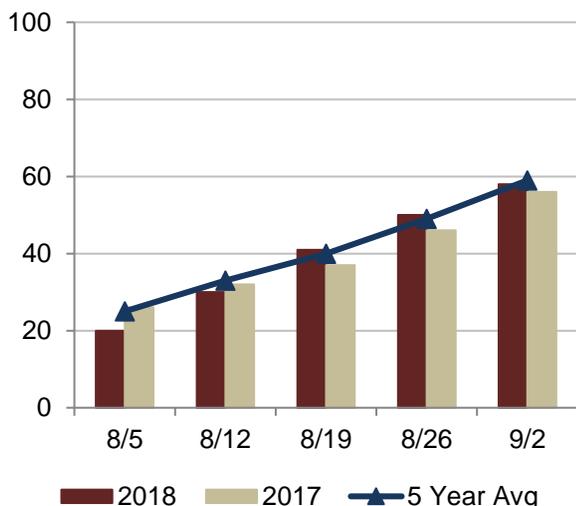
Dry weather all week has allowed large advances in corn harvest. Some early soybeans are beginning to drop leaves. Dry weather this coming week should help push corn harvest over the finish line for many.

Daniel Simpson – Pamlico County Extension

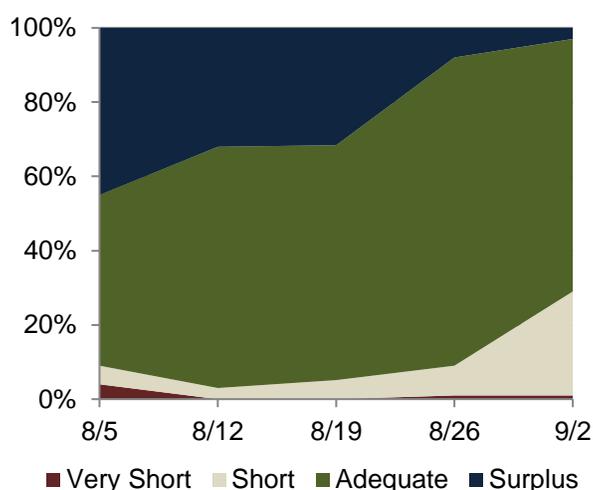
Scattered thunderstorms have hampered second cutting of hay. Pumpkin harvest has started. Corn crop looks good, but has places that show damage from excessive rain.

Julia Houck – Ashe-Alleghany County FSA

FLUE-CURED TOBACCO PERCENT HARVESTED



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK OF SEPTEMBER 2, 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	1.08	0.11	38.03	6.95	92	66	80	5	3273
ASHEVILLE AIRPO	0.28	-0.69	56.28	24.40	87	63	73	2	3014
BURLINGTON ALAM	3.42	2.56	38.82	7.47	93	68	79	4	3658
CHARLOTTE	2.50	1.64	36.27	7.44	95	70	81	5	3822
CLAYTON WTP	0.00	-1.15	37.51	4.93	92	66	80	4	3417
CLINTON 2 NE	1.55	0.29	37.31	2.75	93	65	81	4	3646
ELIZABETH CITY	1.00	-0.27	49.18	14.92	94	70	82	6	3738
ERWIN AP	1.01	-0.13	41.23	6.91	94	71	80	4	3826
FAYETTEVILLE RE	0.00	-1.06	31.86	0.14	96	71	81	4	3969
GASTONIA MUNICI	0.74	-0.06	37.24	7.17	94	68	79	4	3766
GOLDSBORO	0.25	-1.02	34.77	0.87	94	71	81	3	3842
GREENSBORO AP	0.53	-0.40	38.99	9.90	91	69	79	4	3532
GREENVILLE	1.42	0.16	41.29	6.80	95	71	83	5	3863
HICKORY FAA AIR	0.00	-0.90	43.53	11.43	91	61	78	3	3340
JEFFERSON 2 E	0.35	-0.67	47.28	9.32	87	54	72	5	2232
KINSTON AG RESE	0.07	-1.08	32.13	-1.94	94	70	82	4	3581
LAURINBURG MAXT	0.17	-0.78	36.27	8.88	95	67	80	3	3920
MOUNT AIRY 2 W	0.60	-0.29	42.86	10.17	91	59	77	5	2936
NEW BERN	0.27	-1.16	51.22	13.97	91	69	79	1	3612
NORTH WILKESBOR	0.06	-0.96	45.64	10.94	92	63	78	5	3218
OXFORD AG	1.24	0.08	39.58	7.63	93	69	81	6	3128
RALEIGH AP	0.73	-0.30	37.45	7.59	94	70	80	3	3654
REIDSVILLE 2 NW	0.80	-0.08	38.52	6.28	93	63	79	5	3321
ROANOKE RAPIDS	0.12	-0.79	37.48	5.80	95	62	81	5	3582
ROBBINSVILLE AG	1.14	0.01	43.94	1.46	86	60	73	1	2526
ROCKINGHAM	0.37	-0.71	34.66	1.53	95	65	81	5	3869
ROXBORO 7 ESE	0.96	0.03	33.19	2.30	93	62	80	7	2822
SOUTHERN PINES	0.12	-0.94	42.18	10.07	95	67	80	5	3736
STATESVILLE 2 N	0.77	-0.03	43.98	13.64	96	64	79	6	3276
TARBORO 1 S	0.02	-1.05	30.08	-0.95	94	64	81	4	3432
VALE AG 2 SW	0.07	-0.79	39.98	7.67	95	60	79	4	3334
WALLACE 1SE	0.01	-1.49	44.54	6.61	95	64	82	5	3612
WASHINGTON	0.02	-1.17	37.01	2.88	91	69	80	2	3490
WAYNESVILLE 1 E	1.26	0.33	36.22	2.69	87	56	72	4	2484
WHITEVILLE 7 NW	0.01	-1.29	30.55	-3.66	93	66	80	3	3736
WILLIAMSTON 1 E	0.88	-0.39	42.39	8.45	91	70	81	6	3702
WILMINGTON INTL	1.60	-0.16	66.19	26.66	91	68	80	2	3982
WILSON 3 SW	0.22	-0.91	35.07	2.13	93	71	81	4	3707
WINSTON SALEM R	0.45	-0.26	42.25	9.55	91	68	79	4	3550

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.

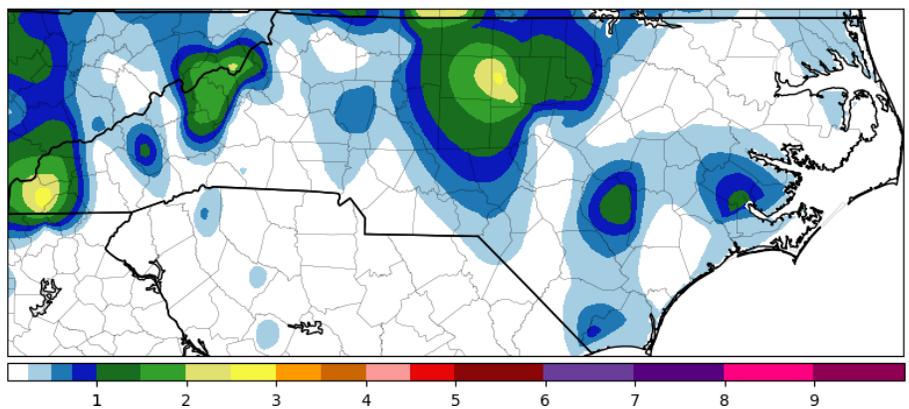
¹Precipitation (rain or melted snow/ice) NOAA Regional Climate Centers data.

PRECIPITATION SUMMARY

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

North Carolina Region

Precipitation Accumulation (Inches)
2018-08-27 - 2018-09-02



US DROUGHT MONITOR OF NORTH CAROLINA

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

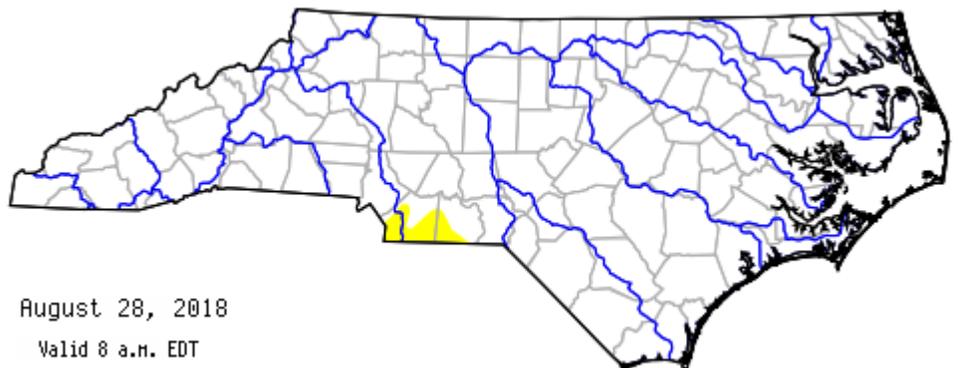
The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

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

August 28, 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)