

# North Carolina Weather & Crops Report

Released: October 1, 2018



## CROP SUMMARY FOR THE WEEK OF SEPTEMBER 30, 2018

### DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
4.8	2.7	6.6	n/a

### SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	0	3	66	31
Subsoil Moisture	0	4	68	28

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

### CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
<b>PHENOLOGICAL:</b>				
Cotton Bolls Opening	86	71	75	79
Soybeans Dropping Leaves	55	40	48	42
<b>HARVESTED:</b>				
Apples	77	63	75	69
Corn for Grain	83	76	84	83
Corn for Silage	96	92	91	92
Hay: Third Cutting	64	58	68	63
Sorghum	26	16	50	28
Sweet Potatoes	25	16	37	34
Tobacco: Burley	57	45	60	58
Tobacco: Flue-cured	86	74	84	86

### CROP CONDITION PERCENT

	VP	P	F	G	EX
Corn	11	20	36	27	6
Cotton	5	20	43	29	3
Pasture	1	10	37	51	1
Peanuts	5	9	32	46	8
Sorghum	4	12	52	31	1
Soybeans	7	13	31	43	6
Sweet Potatoes	3	17	42	35	3
Tobacco: Burley	1	2	48	48	1

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

The flue cured tobacco crop is now showing the signs of hurricane damage. The tips are quickly turning orange and drying up. We are experiencing barn rot and brown stems. Decisions are currently be made whether to continue harvesting or stop harvesting. Many growers had 50% of their crop remaining in the field prior to Florence. The soybean crop continues to look like we are going to have an average year. The sweet potato crop is showing good promise for our handful of growers. With cooler temperatures our pastures and hay fields are rebounding.

#### Charles Mitchell – Franklin County Extension

Estimating 30-100% loss of crops due to damage from Hurricane Florence with variance by crop, crop stage and location. Unharvested tobacco and corn left in fields were badly damaged and unlikely to be harvested simply due to excessively wet soils and rapid decay of leaf/kernels. Cotton plants lost lint and plant stems are badly tangled so harvest will be difficult and most likely will result in greater losses. Peanut and soybean crops vary in damage with some losses exceeding 50% while others suffered less (30%) due to variance in planting date, crop stage, and location. Foliar diseases and wind-blown damage to leaves likely to result in lower yield for these two crops. Sweet potatoes beginning to rot so growers are evaluating early harvest. Evaluation of flooded crops still undetermined since floodwaters still limit access. Lastly, some damage will not be realized until much later. Blueberry crops and pastures flooded by storm surge and rising river water may be negatively impacted but damage can not be determined at this time.

#### Mike Carroll – Craven County Extension

Some soybeans have been harvested following hurricane Florence. Conditions remain wet in many areas.

#### Daniel Simpson – Pamlico County Extension

Still more moisture tobacco harvest slowing and some is in bad condition. Soybeans seem to be progressing. Corn fields too wet to harvest but corn is ready. Hay conditions a few are getting a third cutting.

#### Gary Cross – Person County Extension

Numerous crops and structures suffered damage from Hurricane Florence. Tobacco and early cotton appear to be the most impacted. Several areas impacted by flood waters. Early soybeans are being harvested where soil moisture allows with good yields but some quality issues being reported by some growers.

#### Mac Malloy - Robeson County Extension

Tobacco harvest is over, and not in the good way. Some areas remain saturated while others are drying out. Peanut and sweet potato harvests have resumed.

#### Don Nicholson – Agronomist Region 7

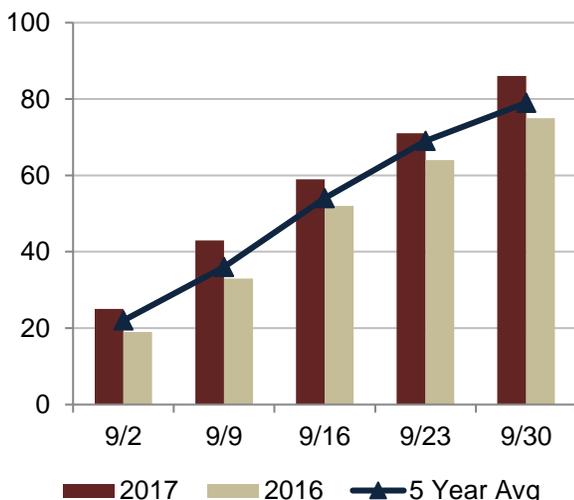
We had around 30 inches of rain with Hurricane Florence. We have a lot of washouts in fields and paths and many acres of soybeans that were flooded and/or wind-blown. All of the corn that was still in the field is destroyed or damaged greatly from the wind and rain. All of the tobacco that is still in the field is damaged severely and no good. Cotton is blown over bad and has a lot of hard lock. Peanuts and sweet potatoes are being dug.

#### Blake Sandlin – Duplin county Extension

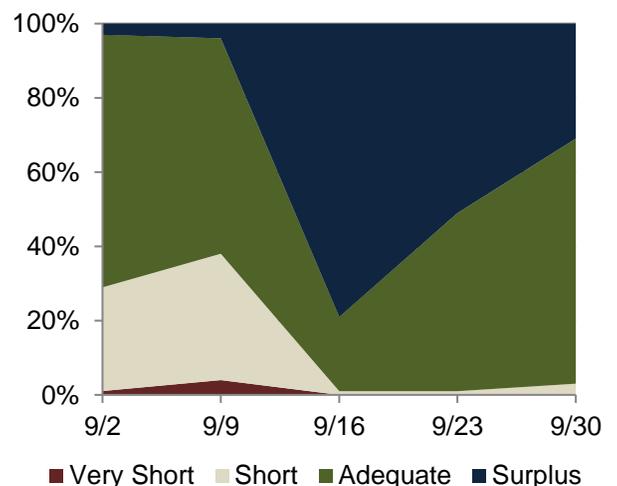
Scattered rain showers earlier in the week limited field activities but drier conditions later in the week allowed good progress harvesting corn silage, burley tobacco, and vegetable crops. Precipitation levels were highly variable across the county with some areas receiving 2-2.5" of rain, while other areas received less .5" for the week. Temperatures were a bit cooler.

#### Stanley Holloway – Yancey County Extension

COTTON BOLLS PERCENT OPENING



TOPSOIL MOISTURE PERCENT



**WEATHER SUMMARY FOR THE WEEK OF SEPTEMBER 30, 2018**

Location	Precipitation (Inches) <sup>1</sup>				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	1.43	0.54	51.43	16.69	86	62	72	5	3990
ASHEVILLE AIRPO	1.74	0.91	60.28	24.86	82	62	69	7	3681
BURLINGTON ALAM	0.38	-0.57	45.68	10.68	87	61	72	7	4404
CHARLOTTE	1.41	0.63	45.42	13.58	88	67	75	8	4628
CLAYTON WTP	0.46	-0.45	48.10	11.37	87	62	74	7	4176
CLINTON 2 NE	0.19	-0.86	51.14	11.84	88	64	77	8	4448
ELIZABETH CITY	1.03	0.17	52.77	14.88	88	62	76	7	4554
ERWIN AP	0.41	-0.45	52.75	14.44	88	63	74	7	4618
FAYETTEVILLE RE	0.25	-0.74	47.40	11.57	89	65	76	6	4806
GASTONIA MUNICI	1.11	0.20	45.22	11.81	88	66	74	8	4573
GOLDSBORO	0.30	-0.95	56.97	17.47	89	65	75	6	4656
GREENSBORO AP	0.35	-0.49	47.66	14.68	85	63	71	5	4248
GREENVILLE	0.13	-1.15	50.62	10.68	88	64	77	8	4682
HICKORY FAA AIR	0.99	0.13	48.28	12.73	82	64	71	6	4056
JEFFERSON 2 E	1.25	0.18	57.01	15.19	80	56	66	8	2770
KINSTON AG RESE	1.07	-0.26	46.62	7.20	88	64	78	7	4395
LAURINBURG MAXT	0.22	-0.79	40.30	8.61	89	65	75	6	4742
MOUNT AIRY 2 W	1.42	0.53	48.73	12.32	83	61	69	6	3590
NEW BERN	0.25	-1.03	63.58	20.89	90	66	76	6	4402
NORTH WILKESBOR	0.70	-0.19	53.20	14.67	85	62	72	9	3908
OXFORD AG	0.57	-0.23	47.91	12.34	87	56	70	4	3840
RALEIGH AP	0.35	-0.54	45.23	11.33	87	61	73	5	4401
REIDSVILLE 2 NW	0.92	0.02	47.82	11.68	85	60	70	5	3998
ROANOKE RAPIDS	0.43	-0.56	43.06	7.26	88	61	74	7	4370
ROBBINSVILLE AG	1.68	0.35	47.73	0.67	80	60	68	5	3098
ROCKINGHAM	0.43	-0.65	45.07	7.51	86	64	74	6	4668
ROXBORO 7 ESE	0.31	-0.51	43.14	8.65	86	60	71	7	3520
SOUTHERN PINES	0.41	-0.55	48.13	12.11	88	63	73	7	4488
STATESVILLE 2 N	1.24	0.40	50.18	16.42	86	61	71	8	3956
TARBORO 1 S	0.38	-0.79	35.36	-0.54	87	63	76	8	4239
VALE AG 2 SW	1.00	0.10	46.04	10.50	87	63	73	7	4054
WALLACE 1SE	0.60	-0.85	57.62	13.82	89	65	77	8	4429
WASHINGTON	0.44	-0.90	41.85	2.29	88	63	75	4	4252
WAYNESVILLE 1 E	0.62	-0.24	41.24	4.04	81	58	69	9	3081
WHITEVILLE 7 NW	0.13	-1.00	53.81	14.50	89	66	78	8	4547
WILLIAMSTON 1 E	0.08	-1.28	52.20	12.59	86	62	77	9	4508
WILMINGTON INTL	0.30	-1.40	90.31	43.50	90	66	77	6	4794
WILSON 3 SW	0.26	-0.80	46.48	8.86	88	65	76	7	4516
WINSTON SALEM R	0.49	-0.62	47.91	11.24	84	63	71	4	4264

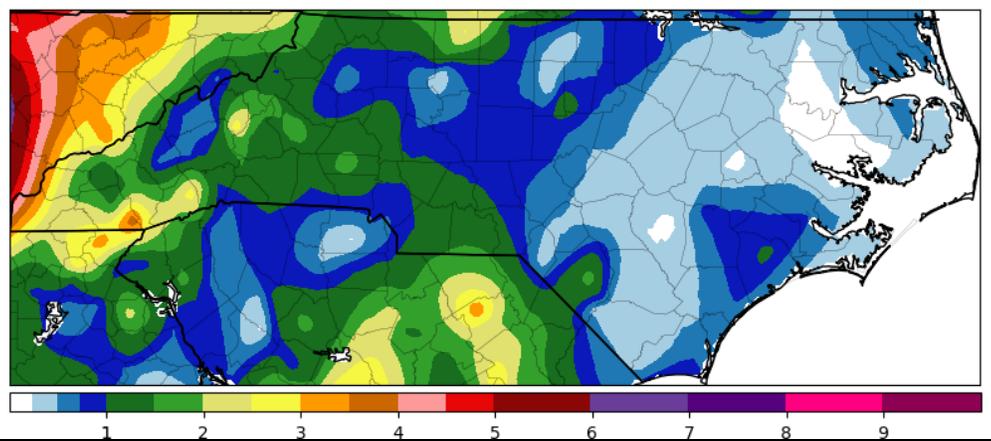
<sup>1</sup>Precipitation summary based on NOAA Regional Climate Centers (RCCs) data via Clear Science, Inc. <http://clearscienceinc.com/>

**PRECIPITATION SUMMARY**

North Carolina Region

Precipitation Accumulation (Inches)  
2018-09-24 - 2018-09-30

Map depicts accumulations through dates listed. This product is made possible by Clear Science, Inc. <http://clearscienceinc.com/>



**US DROUGHT MONITOR OF NORTH CAROLINA**

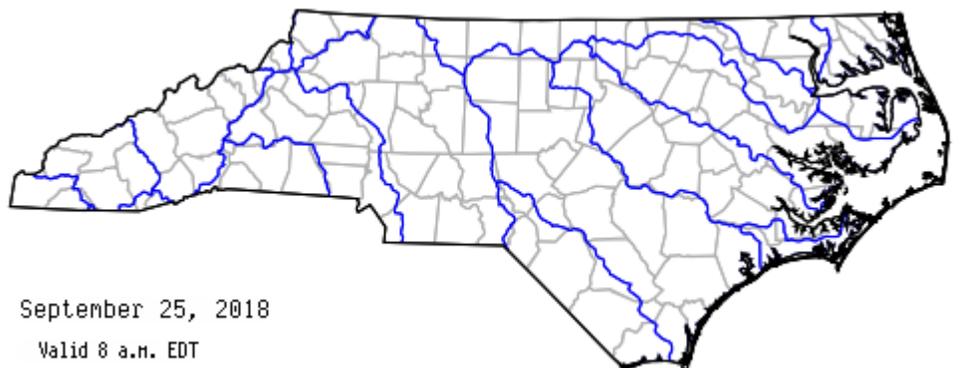
<http://www.ncdrought.org/>

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 25, 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)