

# North Carolina Weather & Crops Report

Released: September 24, 2018



## CROP SUMMARY FOR THE WEEK OF SEPTEMBER 23, 2018

### DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
2.7	3.7	6.6	5.1

### SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	0	1	48	51
Subsoil Moisture	0	2	54	44

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>				
Corn Mature	96	93	96	97
Cotton Bolls Opening	71	59	64	69
Soybeans Dropping Leaves	40	29	35	31
<b>HARVESTED:</b>				
Apples	63	62	63	62
Corn for Grain	76	66	76	75
Corn for Silage	92	89	86	87
Hay: Third Cutting	58	54	60	58
Sorghum	16	7	33	21
Sweet Potatoes	16	12	25	23
Tobacco: Burley	45	33	50	59
Tobacco: Flue-cured	74	70	79	81

### CROP CONDITION PERCENT

	VP	P	F	G	EX
Corn	11	20	36	27	6
Cotton	7	22	45	23	3
Pasture	1	9	43	45	2
Peanuts	6	16	35	38	5
Sorghum	5	24	49	21	1
Soybeans	8	18	32	38	4
Sweet Potatoes	5	24	46	23	2
Tobacco: Burley	2	3	47	47	1

*Crop conditions should be considered preliminary or incomplete at this point. More will be known in the weeks to come as the impacts of Hurricane Florence are determined.*

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

The remnants of Hurricane Florence deposited some significant rainfall to the southern parts of the county late last week/early this week. Rainfall amounts in excess of 15" were recorded in a 24 hour period resulting in some severe flash flooding from the two main river systems in the county. Flooding was out bridges and damaged roads in parts of the county and flooded some agricultural lands. Overall damage was limited to streamside but some vegetable crops were destroyed due to floodwaters. Fortunately major precipitation was isolated to the southern parts of the county which limited the amount of damage. Rainfall amounts in other parts of the county were highly variable and ranged from 2"-7". Main farm activity this week included storm cleanup, harvesting vegetables, and some silage harvest later in the week as field conditions would allow.

#### Stanley Holloway – Yancey County Extension

The week after Hurricane Florence created some concern in Franklin County with the remaining tobacco crop. Leaves are ripening fast and now there are concerns of barn rot. There was not much damage to livestock or livestock fences in our area. The soybean crop still looks good also. There is concern also of sweet potatoes sitting in saturated soils. The corn that was not harvested prior to Florence is still sitting in the field waiting for dry soils to harvest. **Charles Mitchell – Franklin County Extension** Hurricane Florence destroyed the half of the tobacco crop remaining in the field, representing a bit more than half of the value. A few growers attempted to salvage the remaining crop in sheltered pockets of fields, but the when cured this proved mostly to be of inferior quality. Any crop still remaining in the field will by this time have degraded to an unmarketable quality. Much of the standing corn in the field was likewise lodged and will be damaged and likely unsalvageable.

#### Taylor Williams – Moore County Extension

Hurricane Florence significantly impacted the tobacco crop. The tobacco crop was big and late. Harvest is essentially over now. There was also a lot of lint lost in cotton.

#### Norman Harrell – Wilson County Extension

Tobacco in bad shape from too much water from Hurricane Florence. About 60% that is left in the field is questionable for harvest. Soybeans had some damage but look okay. Corn is matured and ready for harvest just a matter of the fields drying up.

#### Gary Cross – Person County Extension

A lot of tobacco was still in the field when Florence arrived. Nearly all of it has deteriorated during the past week. A few more protected fields on deep sands may have some salvageable leaf, but most of the remaining crop is not marketable.

#### Zachary Taylor – Lee County Extension

Still waiting to see the after effects of the hurricane. Cotton crop received major damage. Damage to soybeans is still undetermined. Sweet potatoes and peanuts are still up in the air depending on surface water drainage.

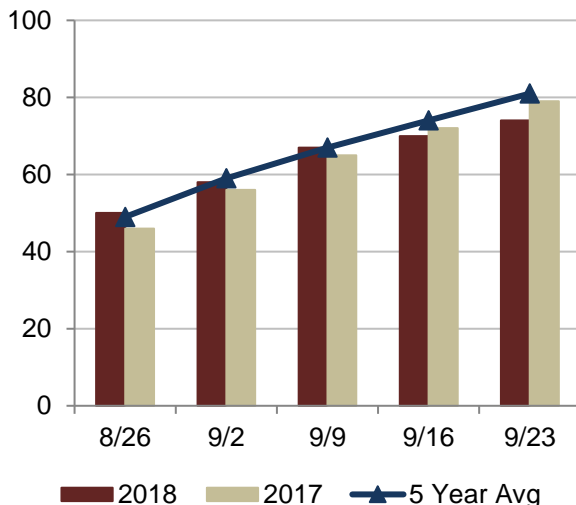
#### Randy Wood – Scotland County Extension

Hurricane Florence ruin the most of the remaining tobacco crop. Some soybeans were prematurely defoliated. Damage remains unknown. Corn crop was blown down making harvesting difficult. Cotton was at a bad stage with over 30 percent damaged.

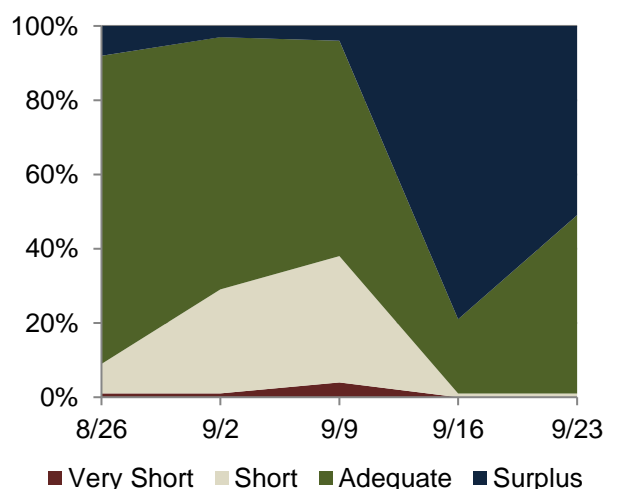
#### Tim Britton – Johnston County Extension

Hurricane Florence has destroyed all of the tobacco left in the fields, any left in the fields is not worth trying to harvest. The sweet potato and peanut crops have suffered some damage, rotting some portion of the tubers and seed sprouting in the ground, respectively, but it remains to be seen what the extent of the damage will be. Cotton that was open at the time of the storm was blown/strung out and there is some amount of seed sprouting in the bolls. **Don Nicholson – Agronomist Region 7**

### FLUE-CURED TOBACCO PERCENT HARVESTED



### TOPSOIL MOISTURE PERCENT



**WEATHER SUMMARY FOR THE WEEK OF SEPTEMBER 23, 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	0.55	-0.37	50.00	16.15	88	62	76	7	3837
ASHEVILLE AIRPO	0.01	-0.84	58.54	23.95	86	61	74	9	3534
BURLINGTON ALAM	2.17	1.32	45.30	11.25	90	63	77	8	4237
CHARLOTTE	0.00	-0.75	44.01	12.95	90	64	79	9	4443
CLAYTON WTP	0.92	-0.06	47.64	11.82	88	66	77	7	4008
CLINTON 2 NE	4.65	3.49	50.95	12.70	89	66	77	6	4262
ELIZABETH CITY	0.02	-0.85	51.74	14.71	90	63	78	7	4368
ERWIN AP	0.01	-0.91	52.34	14.89	89	67	78	8	4446
FAYETTEVILLE RE	0.00	-1.02	47.15	12.31	91	68	80	7	4614
GASTONIA MUNICI	0.03	-0.78	44.11	11.61	91	66	79	10	4388
GOLDSBORO	1.35	-0.07	56.67	18.42	89	66	79	7	4468
GREENSBORO AP	0.62	-0.32	47.31	15.17	89	63	77	8	4090
GREENVILLE	0.26	-1.09	50.49	11.83	89	65	79	7	4490
HICKORY FAA AIR	0.05	-0.76	47.29	12.60	89	64	76	8	3895
JEFFERSON 2 E	4.80	3.78	55.76	15.01	84	54	68	8	2659
KINSTON AG RESE	0.21	-1.15	45.55	7.46	89	64	77	4	4202
LAURINBURG MAXT	0.00	-0.99	40.08	9.40	91	67	79	8	4554
MOUNT AIRY 2 W	2.92	2.01	47.31	11.79	90	58	74	8	3455
NEW BERN	0.03	-1.33	63.33	21.92	90	61	77	4	4206
NORTH WILKESBOR	4.74	3.80	52.50	14.86	89	62	75	9	3754
OXFORD AG	1.43	0.59	47.34	12.57	88	63	74	6	3699
RALEIGH AP	1.32	0.38	44.88	11.87	88	64	76	6	4236
REIDSVILLE 2 NW	2.83	1.85	46.90	11.66	89	62	76	9	3860
ROANOKE RAPIDS	1.78	0.77	42.63	7.82	88	66	77	7	4204
ROBBINSVILLE AG	0.57	-0.69	46.05	0.32	84	60	70	5	2970
ROCKINGHAM	1.55	0.48	44.64	8.16	89	66	77	6	4492
ROXBORO 7 ESE	6.29	5.42	42.83	9.16	89	63	74	8	3375
SOUTHERN PINES	0.79	-0.17	47.72	12.66	88	65	77	8	4310
STATESVILLE 2 N	3.05	2.20	48.94	16.02	88	60	75	9	3806
TARBORO 1 S	0.80	-0.37	34.98	0.25	88	66	78	7	4055
VALE AG 2 SW	3.02	2.22	45.04	10.40	89	62	75	7	3892
WALLACE 1SE	2.33	0.99	57.02	14.67	90	66	78	6	4237
WASHINGTON	0.02	-1.32	41.41	3.19	88	63	76	3	4077
WAYNESVILLE 1 E	2.51	1.61	40.62	4.28	86	58	70	8	2950
WHITEVILLE 7 NW	6.12	4.88	53.68	15.50	90	64	78	7	4354
WILLIAMSTON 1 E	0.76	-0.64	52.12	13.87	86	66	77	7	4318
WILMINGTON INTL	0.18	-1.59	90.01	44.90	90	64	78	5	4595
WILSON 3 SW	3.24	2.11	46.22	9.66	89	66	78	6	4336
WINSTON SALEM R	0.02	-1.01	47.42	11.86	89	64	76	7	4110

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

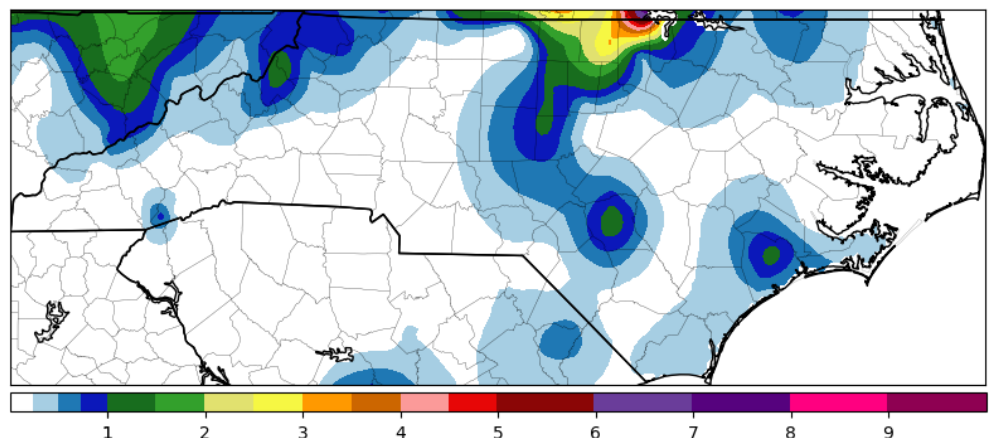
*\*All Rain totals and departures from normal accumulations are considered preliminary and may be revised as new data becomes available.*

**PRECIPITATION SUMMARY**

North Carolina Region

Precipitation Accumulation (Inches)  
2018-09-18 - 2018-09-23

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/>

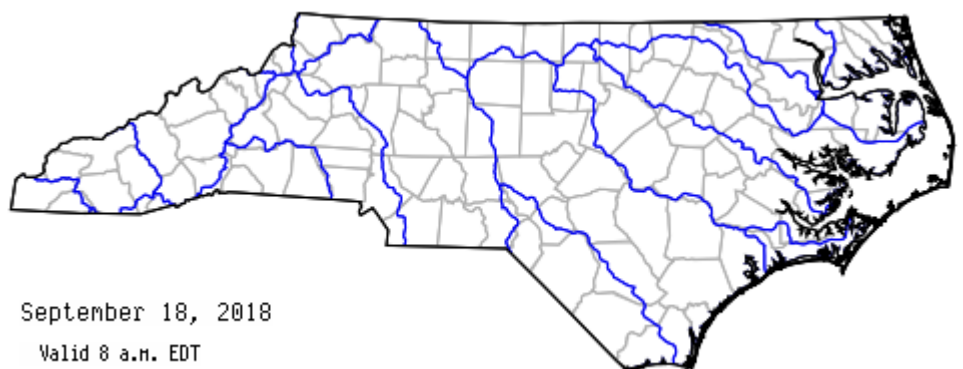
The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

**Drought Classifications**

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

September 18, 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)