

North Carolina Weather & Crops Report

Released: October 2, 2017



CROP SUMMARY FOR THE WEEK ENDING OCTOBER 1, 2017

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.6	6.6	3.8	4.9

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	9	36	52	3
Subsoil Moisture	8	32	53	7

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

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PHENOLOGICAL:				
Cotton % Bolls Opening	77	66	84	81
Soybean% Dropping Leaves	50	37	51	40
HARVESTED:				
Apples	77	64	73	70
Corn for Grain	85	77	89	83
Corn Silage	92	87	98	94
Hay: Third Cutting	69	61	71	63
Peanuts	13	N/A	12	13
Sorghum	53	35	49	N/A
Soybeans	10	N/A	N/A	N/A
Sweet Potato	39	27	33	35
Tobacco: Burley	61	52	63	75
Tobacco: Flue-cured	85	80	89	87

CROP CONDITION PERCENT

	VP	P	F	G	EX
Cotton	0	4	18	55	23
Pasture	2	14	40	43	1
Peanuts	0	1	15	63	21
Sorghum	0	5	30	60	5
Soybeans	0	4	24	58	14
Sweet Potato	0	1	23	67	9

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

Dry Spell continues with no rainfall recorded for period. Warm early and then cooler for second half of period.

Robert Hawk – Swain County Extension

Weather conditions for the week started off unseasonably warm but cooled considerably by late week. No precipitation for over 2 weeks has resulted in extremely dry conditions. Late vegetable crops are showing significant drought stress and increased concerns for wildfires as we enter into leaf season. Hay producers have almost completed second cutting hay harvest and silage harvest is nearly complete. Burley tobacco producers are concerned with the less than ideal curing conditions resulting in a lot of variegated cured leaf color.

Stanley Holloway – Yancey County Extension

Franklin County is extremely dry at this time. We have not received any substantial rain in over 20 days. We are not expected to receive any for the next 10 days. Tobacco harvest is almost complete and hay is being cut weekly.

Charles Mitchell – Franklin County Extension

Although the dry conditions are good for harvesting tobacco, peanuts, corn and sweet potatoes, late planted peanuts, soybeans and sweet potatoes could benefit from some additional moisture.

Don Nicholson – Agronomist Region 7

No rain, very dry. **Danelle Cutting – Rowan County Extension**

Still very dry still too early for wheat planting. Tobacco, corn, hay harvests are progressing.

Gary Cross – Person County Extension

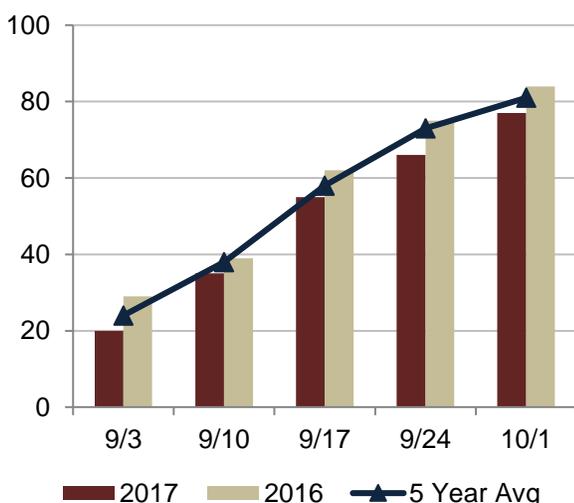
With the drought tobacco growers are trying to finish up harvesting light-weight tobacco crop before the average frost date which is October 15th. Strawberry growers are constantly irrigating just recently planted plugs. Fall cold vegetable crops are slowly growing because of lack of moisture/rainfall. Livestock producers are still grazing.

Joey Knight – Caswell County Extension

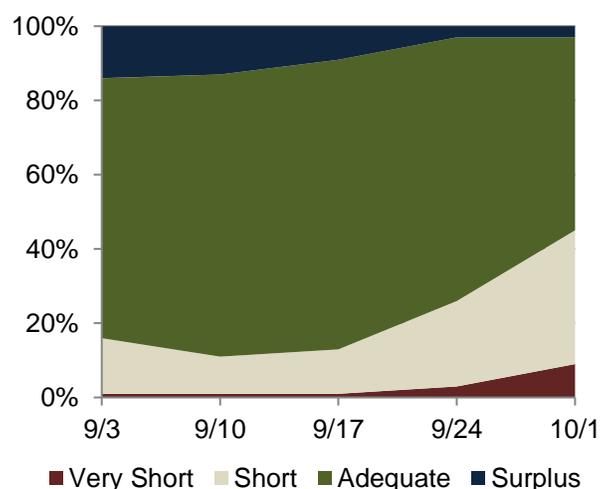
Winding up excellent corn harvest. Cotton defoliant materials have been applied to about half of cotton production acres. Too dry to plant wheat.

Mike Carroll – Craven County Extension

COTTON PERCENT BOLLS OPENING



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK ENDING OCTOBER 1, 2017

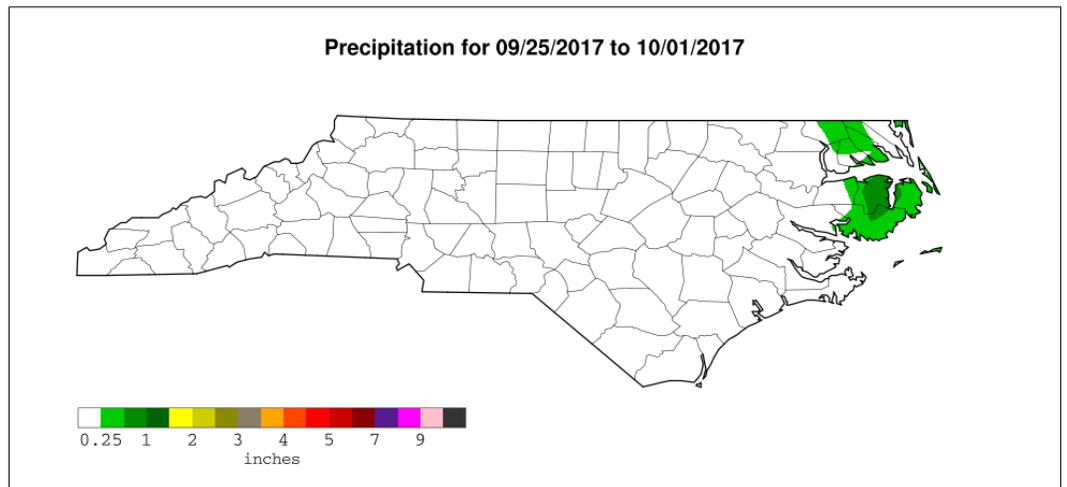
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro	0.00	-0.92	30.41	-6.33	89	46	71	5	3998
Asheville	0.00	-0.76	38.95	2.22	86	43	70	9	3408
Burlington	0.00	-0.89	31.28	-4.49	91	46	73	7	4240
Charlotte	0.00	-0.85	39.59	6.18	93	48	74	6	4411
Clayton	0.04	-0.88	47.32	11.02	90	48	71	4	4146
Clinton	0.00	-0.99	38.63	-1.36	95	49	74	6	4488
Elizabeth City	0.26	-0.72	37.77	-0.49	89	57	74	5	4490
Erwin	0.00	-0.92	32.90	-6.05	92	52	75	9	4622
Fayetteville	0.00	-0.93	34.51	-3.31	95	52	76	8	4958
Gastonia-Gaston	0.00	-0.96	34.24	-0.19	93	52	76	9	4330
Goldsboro	0.01	-0.99	36.88	-3.46	91	51	74	5	4689
Greensboro	0.00	-0.94	37.25	3.26	90	46	72	7	4073
Greenville	0.08	-0.95	43.02	2.82	90	48	73	5	4637
Hickory	0.00	-0.93	34.92	-3.37	91	46	72	7	3934
Jefferson	0.00	-0.82	45.66	7.38	83	31	62	4	2349
Kinston	0.09	-1.01	38.45	-2.97	89	49	73	6	4515
Maxton	0.00	-1.00	35.52	-3.03	93	50	76	7	4679
Mount Airy	0.00	-0.93	42.12	5.15	90	39	68	5	3343
New Bern	0.05	-0.97	43.24	-1.11	91	53	75	5	4681
North Wilkesboro	0.03	-0.94	43.55	3.73	90	45	70	7	3676
Oxford	0.00	-0.94	26.67	-9.08	88	43	69	4	3550
Raleigh-Durham	0.00	-0.91	37.01	3.03	93	48	73	6	4437
Reidsville	0.00	-1.00	39.44	2.50	88	38	70	5	3823
Roanoke Rapids	0.07	-0.90	32.01	-4.21	92	50	73	7	4450
Robbinsville	0.00	-0.85	47.99	-3.28	83	44	67	4	3099
Rockingham	0.00	-1.00	30.43	-8.43	92	50	75	8	4464
Roxboro	0.00	-1.00	39.24	3.16	88	43	69	6	3742
Southern Pines	0.00	-0.95	32.50	-5.21	93	48	74	7	4515
Statesville	0.00	-0.90	39.47	3.78	89	45	69	4	3671
Tarboro	0.05	-0.95	43.47	6.60	90	51	72	5	4368
Vale	0.00	-0.98	42.02	5.31	90	48	71	5	3778
Wallace	0.03	-1.12	46.82	2.03	90	49	73	2	4559
Washington	0.18	-0.96	40.35	0.55	89	49	73	5	4456
Waynesville	0.00	-0.72	34.33	-3.70	86	43	70	11	2831
Whiteville	0.00	-1.03	38.20	-3.10	92	50	74	4	4510
Williamston	0.48	-0.66	42.58	2.78	89	49	73	5	4434
Willington	0.00	-1.22	51.19	4.19	93	54	76	5	4824
Wilson	0.12	-0.87	41.69	3.80	90	48	72	5	4508
Winston Salem	0.00	-0.94	36.98	2.99	91	48	72	7	4049

¹ Precipitation data considered preliminary *Data not available.

PRECIPITATION SUMMARY

<http://www.awis.com/>

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc.



US DROUGHT MONITOR OF NORTH CAROLINA

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

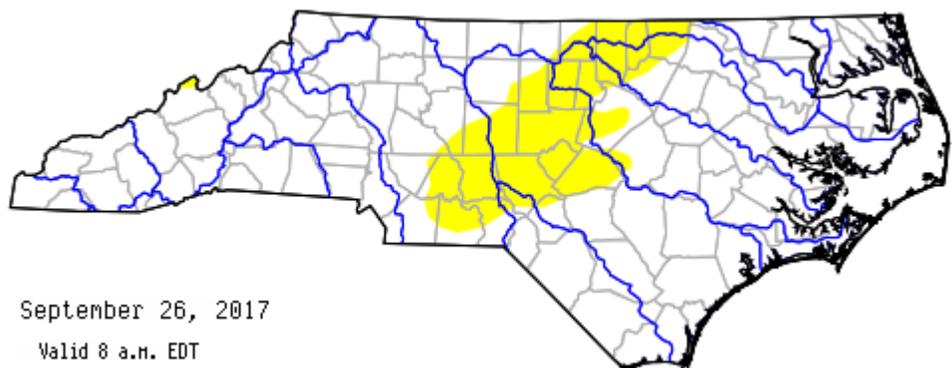
The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

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

September 26, 2017

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)