

North Carolina Weather & Crops Report

Released May 1, 2017



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North Carolina
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CROP SUMMARY FOR THE WEEK ENDING APRIL 30, 2017

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
2.5	5.7	5.3	4.6

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	0	4	51	45
Subsoil Moisture	1	2	65	32

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

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PLANTED:				
Corn	79	63	82	77
Tobacco: Flue-cured	38	24	38	40
PHENOLOGICAL:				
Corn % Emerged	54	12	52	50
Wheat % Headed	89	59	56	59

CROP CONDITION PERCENT

	VP	P	F	G	EX
Barley	1	11	23	55	10
Corn	0	0	13	86	1
Oats	0	4	59	35	2
Pasture	1	7	22	67	3
Wheat	2	12	25	55	6

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

Conditions for the week were relatively warm and dry with high temperatures reaching into the mid to upper 80's later in the week. There were some scattered rain showers with most of the county receiving less than a half inch of rain. Main farm activities included field preparations, a limited amount of corn planting and some limited planting of early season vegetables.

Stanley Holloway – Yancey County Extension

Rainfall last week measured from 3-6 inches. Land prep for tobacco and vegetables has been delayed. Corn planting has been delayed as well. Strawberries are at risk due to wet conditions and threat of increased disease pressure.

Dwayne Tate – Agronomist Region

We had about 2.75" for the period, which is "ABOVE" normal rainfall for the period. Good appreciable rain was recorded. Temperatures were above normal during the period. Pasture and Hay-fields are coming on stronger now. Strawberry farms are reporting excellent crop, best since 2009.

Robert Hawk – Swain County Extension

Pastures/hay fields in need of reseeding after last year's drought.

Bill Skelton - Haywood County Extension

Franklin County received on average 7.5 inches of rain.

Charles Mitchell - Franklin county Extension

We have had some excess moisture which has caused some of the strawberry crop to be thrown away.

Danelle Cutting - Rowan County Extension

Rainfall totals across Lee county reportedly ranged from 4-5 inches. Approximately 70% of the tobacco crop had been set before the rain event. Leaching adjustments will be needed. Weed control will be a concern as many PRE herbicides have likely leached.

Zachary Taylor - Lee County Extension

Rainfall ranging from 3-7 inches delayed all field work. Rising river water may flood isolated fields in coming days. Only a small percentage of tobacco transplanted so the impact is small. In contrast, corn already showing signs of poor growth (low nitrogen and/or sulfur along with saturated soil conditions) in isolated spots.

Mike Carroll – Craven County Extension

Heavy rain (4/24/17) dropped 5"-6" across the entire county in 24 hours. Newly seeded corn and emerged corn fared better than expected except in low, poorly drained spots. The rain greatly improved pasture quality and recharged subsoil moisture levels but nutrient leaching in corn is forcing farmers to side dress corn earlier than normal to maintain fertility levels.

Mark Seitz – Pender County Extension

NCDA Agronomic Region 6 received 3 to 8 inches Monday and Tuesday. Tar River flooded moderately. Planting, cultivation resumed Saturday. Strawberry crop likely sustained heaviest damage with ripe fruit deterioration. Fruit disease pressure has become heavy.

Mike Wilder – Agronomist Region 6

Rainfall totals for the area range from 5.5 to 8.5 inches from this past week. Contentnea Creek flooded nearly as bad as it did during Hurricane Matthew. Some flooding will result in tobacco, sweet potato, and corn acres needing to be replanted. Early reports are not as many acres as I feared, but some fields were certainly affected. High temperatures over the weekend may cause strawberry blooms to have aborted. I know farmers were hoping for a long season and to end strawberry season before May is heartbreaking.

Roy Thagard – Greene County Extension

We had six inches of rain that was needed.

Gary Cross – Person County Extension

Flooding from the Tar river has affected corn and some early planted peanuts and cotton. Some tobacco has been affected by localized flooding, standing water and field erosion.

Art Bradley - Edgecombe County Extension

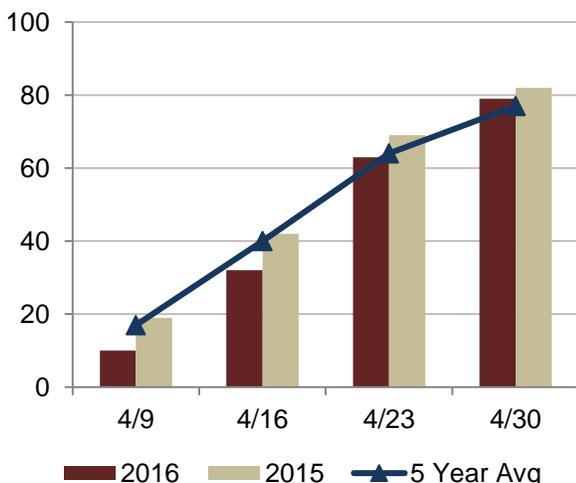
6-9" of rain last week has really backed up field work.

Tim Hambrick – Forsyth County Extension

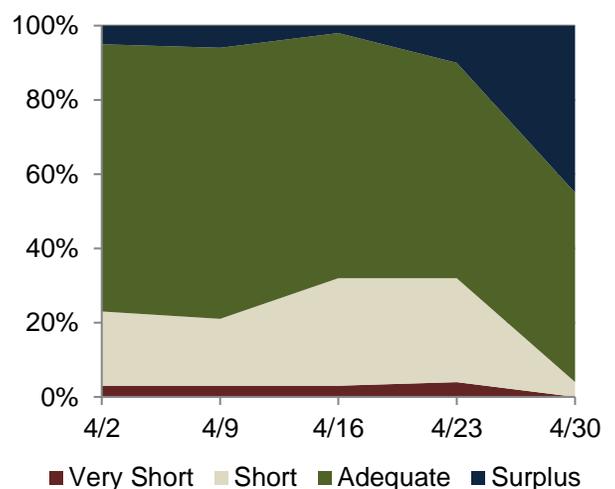
Early week showers slowed planting until condition dried later in the week. Some soybeans are going in the ground and most corn is up and growing. Overall, conditions are good for most crops.

Daniel Simpson – Pamlico County Extension

CORN PERCENT PLANTED



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK ENDING APRIL 30, 2017

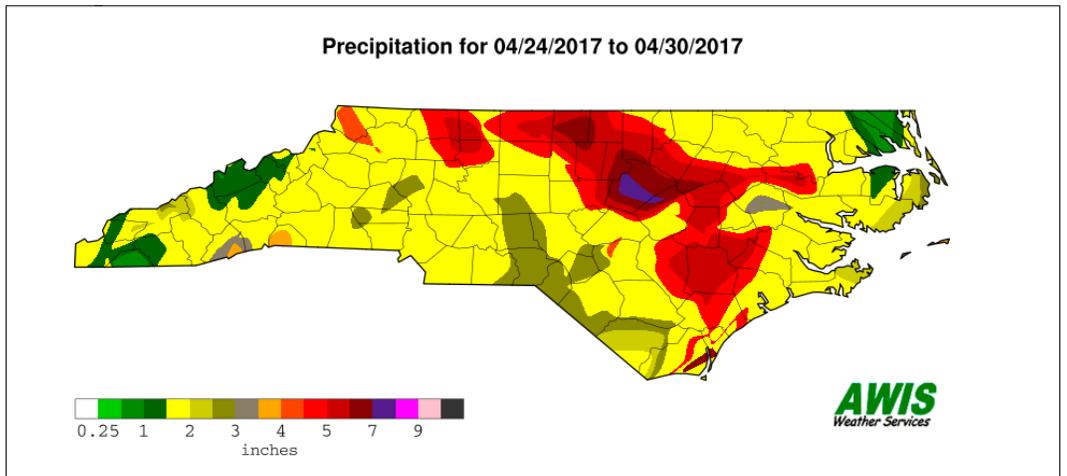
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro	2.77	1.93	11.50	-4.38	86	51	66	4	445
Asheville	2.86	2.02	14.52	-1.43	84	47	63	6	334
Burlington	4.33	3.54	13.19	-1.49	88	51	66	4	465
Charlotte	3.16	2.46	15.16	0.30	86	51	67	3	471
Clayton	7.23	6.52	18.77	3.78	87	52	67	5	442
Clinton	5.17	4.47	13.21	-1.98	91	55	71	7	516
Elizabeth City	0.58	-0.17	10.68	-4.66	87	55	71	9	501
Erwin	3.65	2.91	12.32	-3.24	90	55	71	9	541
Fayetteville	3.06	2.42	10.04	-4.95	92	57	72	8	576
Gastonia-Gaston	2.40	1.72	13.92	-1.15	85	51	67	4	460
Goldensboro	4.93	4.16	13.51	-2.48	90	55	72	6	552
Greensboro	4.08	3.24	13.89	-0.03	86	49	65	4	434
Greenville	4.04	3.27	15.42	0.30	89	55	73	9	532
Hickory	3.25	2.40	17.27	0.57	84	47	64	2	395
Jefferson	4.74	3.78	18.13	1.84	81	41	56	4	164
Kinston	5.35	4.54	15.16	-0.39	89	54	70	7	491
Maxton	2.96	2.37	11.75	-3.36	90	56	69	4	513
Mount Airy	4.93	3.99	17.65	1.99	85	46	61	3	277
New Bern	2.30	1.50	14.63	-1.81	88	59	71	7	534
North Wilkesboro	3.97	2.93	18.07	0.47	84	47	63	4	344
Oxford	3.00	2.24	11.81	-3.09	84	47	64	4	348
Raleigh-Durham	7.25	6.56	16.19	1.89	89	53	69	7	512
Reidsville	5.27	4.36	16.72	0.79	86	47	62	1	376
Roanoke Rapids	2.58	1.80	13.77	-1.17	88	54	69	8	467
Robbinsville	2.11	0.99	24.18	-1.16	86	48	64	6	349
Rockingham	2.78	2.08	12.64	-2.69	89	54	68	5	489
Roxboro	5.08	4.31	15.64	0.27	84	50	64	4	379
Southern Pines	3.15	2.45	11.90	-4.08	89	53	69	5	503
Statesville	2.70	1.91	15.95	0.72	86	47	63	1	362
Tarboro	5.01	4.29	15.56	0.49	88	53	70	9	475
Vale	2.89	2.06	17.28	0.99	87	47	63	1	362
Wallace	5.23	4.51	16.67	1.19	89	56	70	4	492
Washington	3.56	2.81	14.76	-0.41	88	55	71	8	516
Waynesville	1.67	0.77	15.21	-2.99	84	46	61	6	274
Whiteville	2.63	1.88	12.56	-2.63	88	57	69	4	502
Williamston	5.38	4.63	16.44	1.27	88	54	70	7	492
Wilmington	4.14	3.40	15.31	0.00	86	61	72	6	545
Wilson	7.77	7.02	17.65	2.42	88	53	72	9	509
Winston Salem	4.91	4.07	17.60	3.68	85	48	65	4	434

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.



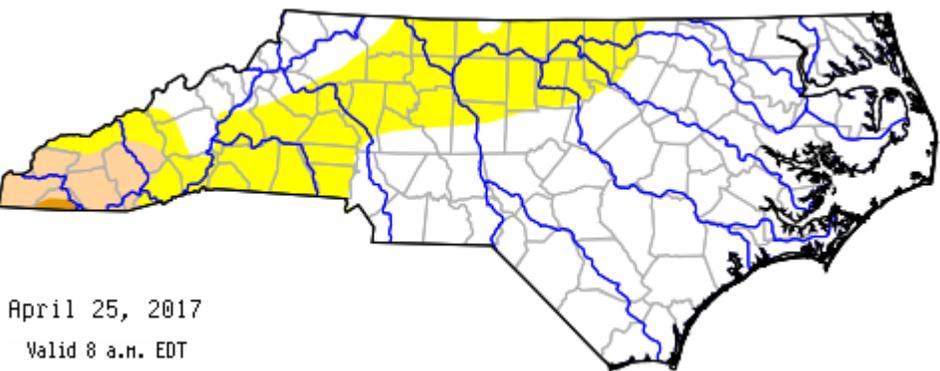
US DROUGHT MONITOR OF NORTH CAROLINA

<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



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)