

# North Carolina Weather & Crops Report

Released February 29, 2016



## CROP SUMMARY FOR THE WEEK ENDING FEBRUARY 28, 2016

### DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
2.5	N/A	0.8	N/A

### SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	0	0	46	54
Subsoil Moisture	0	0	46	54

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

### CROP CONDITION PERCENT

	VP	P	F	G	EX
Barley	1	22	37	40	0
Oats	5	18	46	29	2
Pasture	6	24	49	19	2
Wheat	10	19	38	30	3

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

Snow, ice and rain have made feeding livestock a challenge during February. We have had several days of high winds and low temperatures. Hay supplies are getting tight but hay in neighboring counties can still be found.

**Julia Houck – Ashe-Alleghany County FSA**

Frequent rainfall has kept fields too wet for any field work. Some tobacco greenhouses have been seeded. Several farm buildings, some farm equipment, and fences were destroyed on a dairy farm and a beef farm during the week.

**Paul Westfall – Granville County Extension**

Soils are still very wet, though the wind is beginning to dry the soil surface. Farmers are beginning to apply nitrogen to small grain, pasture and hay fields as soil conditions allow. Hay supplies are very low. Livestock farmers still have muddy conditions around feeding areas.

**Carl Pless - Cabarrus County Extension**

Has been exceptionally wet. TOO wet to top dress any small grains. **John Ivey - Guilford County Extension**

Cattlemen are purchasing fertilizer and lime for cool season pastures and hay fields. Also, they are spraying for buttercup in pastures that were short in the fall.

**Seth Nagy – Caldwell County Extension**

We are at 1000 chill Hours (NC Blueberry Model, Jackson Springs, State Climate Office). We have lost a few of the earliest blooming blueberry and peach varieties, but the main varieties still look viable. Small grains and pastures are delayed in development for this time of the year

**Taylor Williams – Moore County Extension**

Frequent rains in recent weeks has many soils saturated, but soils are starting to dry out. Irish potato growers started preparing land for planting and planting should start next week. Farmers are also starting to burndown fields that will be planted to corn, Saturated soils have wheat looking off color, but many fields have good tiller counts. **Al Wood – Pasquotank County Extension**

Wheat in poor condition. Hay supplies are short. Very wet conditions.

**Gary Cross – Person County Extension**

Extremely wet conditions have made it impossible for some growers to get needed Nitrogen to many acres of small grains. Some growers are able to commence tillage operations for tobacco land.

**Don Nicholson – Agronomist Region 7**

We have had a wet winter with some areas being flooded. We have also had major wind storms.

**Danelle Cutting – Rowan County Extension**

Burndown Herbicide applications are being made where field conditions allow. Wheat is in need of nitrogen.

**Jarette Hurry – Bertie County Extension**

Saturated soil conditions continue to inhibit any field work. Some winter wheat will be destroyed and used as a cover crop due to lack of tilling and overall health. Wheat that had significant amount of N applied last fall still looks like it has good yield potential. Storms caused some greenhouse damage from wind and hail last week. **Georgia Love – Agronomist Region 5**

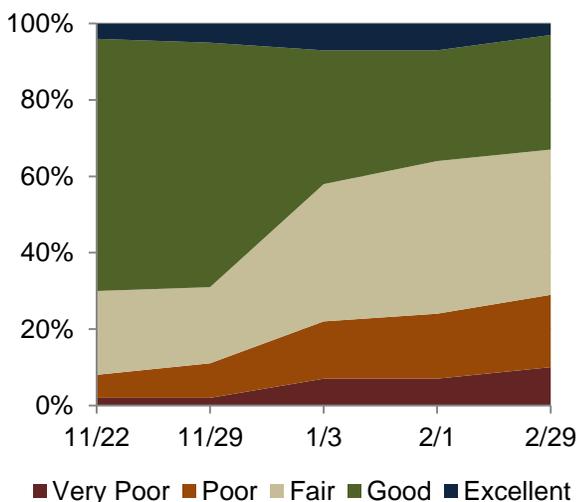
Tobacco greenhouses have been seeded with plants emerging. Some land preparation has just started taking place on higher / dryer ground fields. Greenhouse Tomatoes are behind schedule this year due to so many cloudy overcast days. Farmers also cleaning up large pine limbs in pastures and field borders that were knocked down during ice storm and heavy winds.

**Brian Parrish – Harnett County Extension**

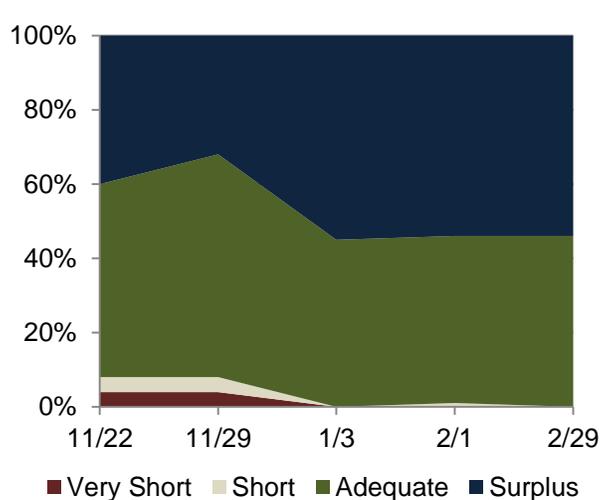
Wheat planted in Pender County is suffering from too much rain and the inability to get across the ground to apply weed control and fertilizer. Rainfall totals and frequency have prevented a lot of field work in February. Cold weather in February added much needed chilling hours to blueberry bushes, which are required to promote blossom and fruit set.

**Mark Seitz – Pender County Extension**

WHEAT CONDITION



TOPSOIL MOISTURE PERCENT



**WEATHER SUMMARY FOR THE MONTH ENDING FEBRUARY 28, 2016**

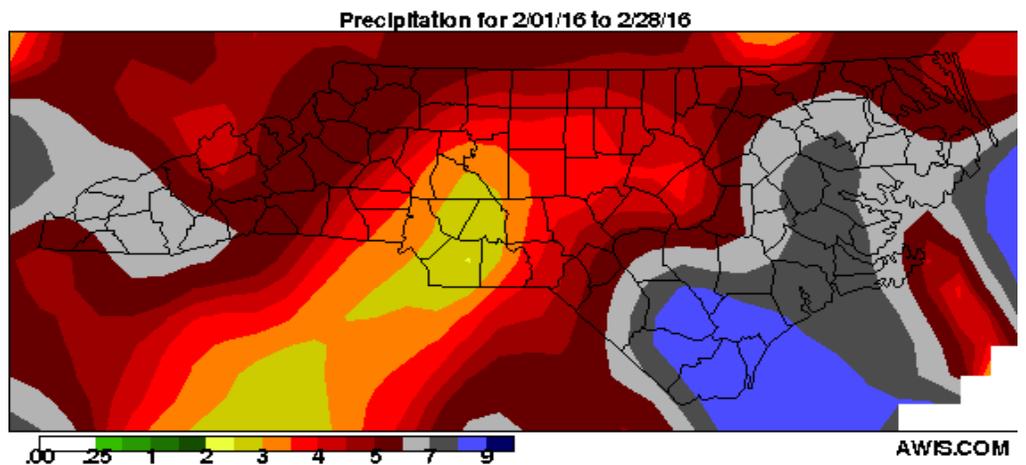
Location	Precipitation (Inches) <sup>1</sup>				Temperature (Degrees F.)				
	February 2016		Year to Date		February 2016				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days 4/1/2016
Asheboro	3.79	0.08	5.66	-2.48	72	14	42	-2	
Asheville	5.69	1.86	8.98	1.09	67	16	40	2	
Burlington	3.40	0.05	5.00	-2.23	74	16	43	2	
Charlotte	4.50	0.95	6.95	-0.60	72	17	45	-1	
Clayton	5.19	1.64	8.27	0.52	72	15	43	1	
Clinton	8.65	5.42	10.65	3.09	72	19	45	0	
Dunn	5.98	2.33	8.25	0.47	74	17	44	2	
Elizabeth City	4.51	1.41	7.62	-0.06	75	17	45	1	
Fayetteville	6.14	2.71	7.99	0.40	76	19	47	3	
Gastonia-Gaston	3.10	-0.65	5.70	-2.26	73	18	45	2	
Goldsboro	7.63	4.02	10.59	2.44	75	18	46	-1	
Greensboro	4.23	1.13	6.18	-0.46	71	15	42	2	
Greenville	7.71	4.26	11.30	3.42	76	17	46	2	
Hickory	4.65	0.78	7.37	-0.73	70	18	42	-1	
Jefferson	5.79	2.06	8.15	0.40	61	9	33	-1	
Kinston	7.49	4.07	10.83	2.97	75	17	45	2	
Maxton	4.42	0.83	6.06	-1.84	77	18	46	2	
Mount Airy	5.74	2.38	8.27	0.91	69	14	38	0	
New Bern	7.31	3.51	11.24	2.67	76	18	47	2	
North Wilkesboro	5.47	1.54	8.26	-0.09	70	15	39	1	
Oxford	4.16	0.76	6.21	-1.27	71	13	41	1	
Raeford	5.56	1.97	7.80	-0.10	75	19	45	-1	
Raleigh-Durham	4.67	1.20	6.87	-0.62	73	15	44	2	
Reidsville	5.01	1.58	7.64	-0.01	69	13	40	-1	
Roanoke Rapids	5.91	2.61	8.03	0.59	74	13	43	4	
Robbinsville	6.99	0.90	10.73	-2.53	72	10	38	-3	
Roxboro	4.73	1.33	6.45	-1.24	71	12	41	2	
Statesville	3.53	-0.02	6.04	-1.34	70	12	39	-4	
Tarboro	5.81	2.28	9.41	1.61	74	16	44	3	
Vale	3.34	-0.45	6.95	-1.14	70	17	40	-4	
Wallace	9.18	5.65	13.00	4.98	75	19	45	-5	
Washington	6.83	3.49	10.62	2.92	75	18	45	1	
Waynesville	5.42	0.88	8.18	-0.98	65	13	38	1	
Whiteville	8.61	5.20	11.80	4.02	75	21	46	-2	
Williamston	8.31	4.97	11.49	3.79	76	17	45	2	
Wilmington	7.62	3.96	12.08	3.90	76	21	49	2	
Wilson	6.94	3.52	9.60	1.87	74	16	44	1	
Winston Salem	4.33	1.23	6.44	-0.20	71	16	42	2	

<sup>1</sup> 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.



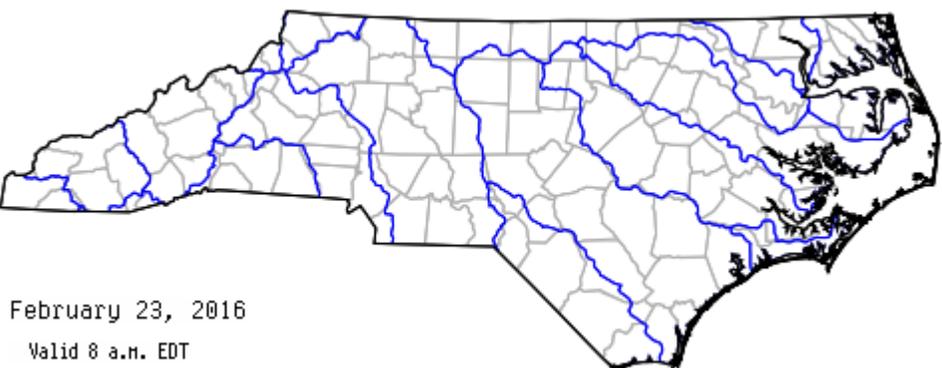
**US DROUGHT MONITOR OF NORTH CAROLINA**

<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



February 23, 2016  
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)