

North Carolina Weather & Crops Report

Released September 6, 2016



CROP SUMMARY FOR THE WEEK ENDING SEPTEMBER 4, 2016

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
5.2	6.7	5.7	5.5

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	3	18	63	16
Subsoil Moisture	2	17	67	14
VS= Very Short ST = Short A = Adequate SS = Surplus				

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg
PHENOLOGICAL:				
Corn – Mature	91	81	84	88
Cotton – Bolls Opening	31	20	39	33
Soybean – Setting Pods	91	84	86	86
Soybean – Dropping Leaves	11	n/a	12	n/a
HARVESTED:				
Apple	46	39	40	39
Corn for Grain	50	31	40	36
Corn for Silage	81	67	61	72
Hay 2 nd Cutting	92	90	78	86
Hay 3 rd Cutting	48	32	34	37
Peaches	87	82	92	93
Sorghum for Grain	12	n/a	n/a	n/a
Tobacco: Flue Cured	64	55	52	58
Tobacco: Burley	28	19	29	47

CROP CONDITION PERCENT

	VP	P	F	G	EX
Apple	11	12	41	35	1
Corn	3	7	25	49	16
Cotton	3	10	32	49	6
Hay	1	7	46	40	6
Pasture	3	13	37	42	5
Peanut	0	4	16	67	13
Soybean	1	7	29	50	13
Sorghum	1	4	25	65	6
Sweet Potato	0	4	27	66	3
Tobacco: Burley	0	0	20	74	6
VP = Very Poor P = Poor F = Fair G = Good EX = Excellent					

Hermine brought winds up to 70 mph in areas and between 5-11 inches of rain. Fields in eastern counties, that border US Refuges, were flooded for a third time this year. There are reports of the corn and cotton acres getting scrambled. Snap beans in Hyde county are a loss. Most of the peanuts and soybeans west of Hwy 17 benefited from the rain. **Jacob Searcy – Agronomist Region 2**

Tropical storm rains were actually a welcome event over Region 7, crops that could benefit from the rains have; peanuts, soybeans and tobacco were in dire need of moisture. There was little damage from the winds accompanying the storm.

Don Nicholson – Agronomist Region 7

Scattered rain showers mid-week brought some heavy rain to parts of the county while other parts only received a trace of precipitation. Temperatures have cooled considerably with night time lows dipping into the lower 50's resulting in heavy fog in the mornings increasing disease pressures on late vegetable crops. Burley tobacco harvest is just beginning and second cutting hay harvest continues.

Stanley Holloway – Yancey County Extension

Hot and dry extreme conditions. Soybeans are suffering to fill pods, third cutting of hay has been done, tobacco cutting keeps progressing, corn is denting but heat took a toll on later planted corn. Soybean insects have been bad in double crop after wheat.

Gary Cross – Person County Extension

Brief showers in areas of the county have been a welcome relief from the heat and dryness we experienced early in the summer. Some areas of the county are still extremely dry. Corn and soybeans are in good condition and producers are getting their second cutting of hay.

Janice Nicholson – Rutherford County Extension

Hermine provided a slow, soaking rain that has brought much needed relief across the area. No reports of crop damage at this point from wind or rain. Surprisingly, there is not much standing water to impede field active in the coming week. The rain will be a huge benefit to all crops and pastures.

Mac Malloy - Robeson County Extension

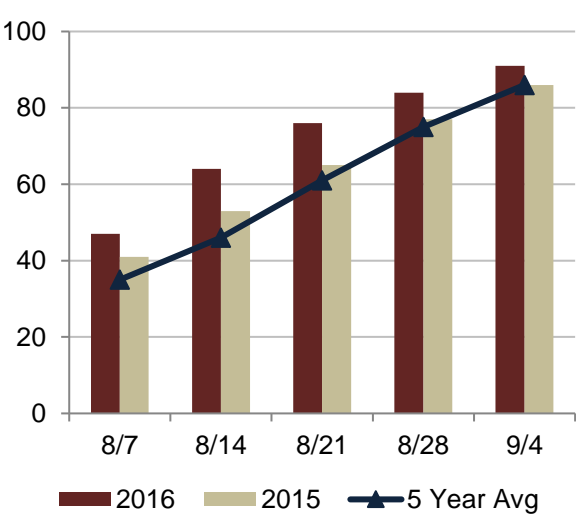
Tropical moisture limited field activity at the end of the week. Some wet areas, but seems to be drying quickly. Most growers worked hard to harvest a good amount of corn before the storm. Beans at the moment don't seem too bad as a result, but time will tell. **Daniel Simpson – Pamlico County Extension**

Wet soil conditions will limit field work and harvest. Rainfall ranging from 5-10" reported. Most crops did not suffer tremendous damage but isolated fields of tobacco are slightly lodged making machine harvest difficult, if not impossible. Some cotton with open bolls lost lint. Crop damage reports still being evaluated but appears yield lost will be low unless wet, soil conditions persists. **Mike Carroll - Craven County Extension** Most stands of corn were harvested before the tropical storm hit. Corn left in the field was marginal and in poor shape from all the rains in May. Even still, most of the rain was to our east and so far no noticeable crop damage has been noted or reported to our office. **Howard Wallace - Hoke County Extension**

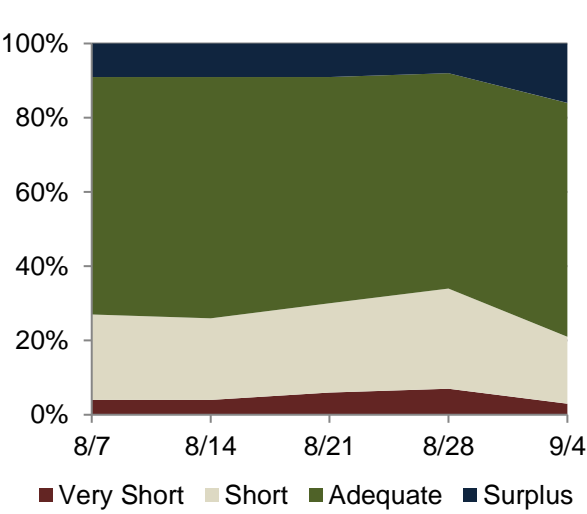
Much needed rain fell across the region last week due to hurricane. Wind damage was limited mostly to tobacco and some corn. Most all other crops benefitted from the rain due to extremely dry conditions. Flooding appears limited to low lying areas and has not had major impacts. Rainfall amounts ranged from 2 to 8" in most of the region.

Georgia Love – Agronomist Region 5

SOYBEAN PERCENT SETTING PODS



TOPSOIL MOISTURE PERCENT



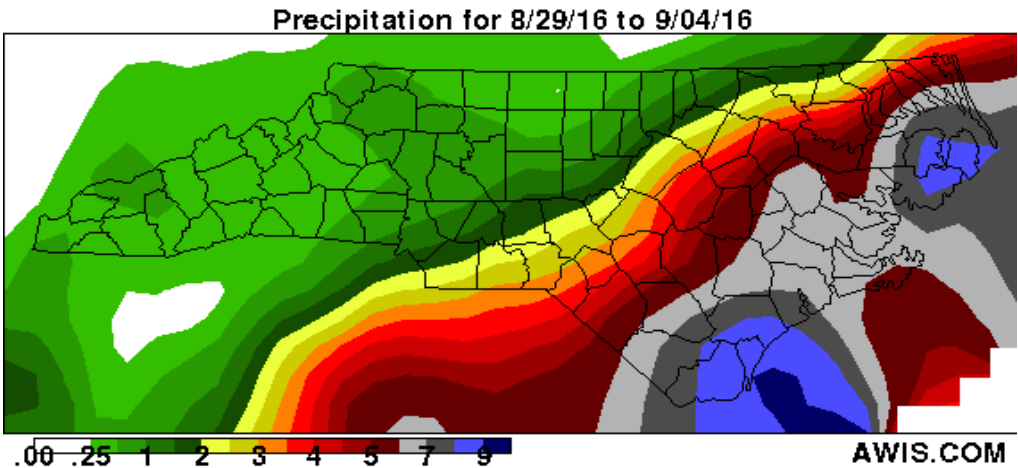
WEATHER SUMMARY FOR THE WEEK ENDING SEPTEMBER 4, 2016									
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro	1.82	0.84	26.72	-6.38	92	60	76	3	3660
Asheville	0.01	-0.96	28.46	-5.18	86	57	73	4	3151
Burlington	0.69	-0.28	25.80	-6.34	93	61	76	2	3650
Charlotte	1.25	0.39	23.06	-7.04	95	61	78	2	3963
Clayton	4.84	3.76	36.89	4.45	91	61	76	2	3517
Clinton	5.21	3.99	35.21	-0.52	92	63	77	1	3811
Dunn	3.37	2.29	32.91	-2.21	93	63	78	4	3828
Elizabeth City	6.87	5.68	34.06	0.14	90	68	78	3	3651
Fayetteville	4.23	3.04	30.16	-3.61	97	65	80	4	4217
Gastonia-Gaston	1.18	0.20	22.34	-8.41	95	62	78	4	3942
Goldsboro	5.44	4.10	38.20	2.36	95	64	79	2	4062
Greensboro	0.09	-0.86	31.13	0.89	91	62	77	4	3723
Greenville	6.93	5.53	49.49	13.83	93	65	77	2	3871
Hickory	0.02	-0.96	28.72	-5.92	92	58	76	3	3590
Jefferson	0.60	-0.38	32.73	-2.25	87	47	67	2	2228
Kinston	6.35	5.02	44.41	7.66	91	61	76	2	3777
Maxton	3.65	2.50	29.62	-4.74	96	61	79	3	4122
Mount Airy	0.23	-0.73	36.56	3.33	90	55	73	3	3021
New Bern	6.05	4.59	48.33	8.52	91	65	78	2	3966
North Wilkesboro	1.76	0.71	33.94	-2.06	91	56	73	3	3203
Oxford	1.42	0.42	36.99	4.84	91	60	76	3	3443
Raleigh-Durham	1.58	0.63	38.80	8.51	95	62	78	4	3833
Reidsville	0.42	-0.52	36.30	3.21	91	60	75	3	3366
Roanoke Rapids	1.93	0.87	34.79	2.56	93	65	78	5	3697
Robbinsville	0.24	-0.95	30.43	-17.24	88	61	73	3	2866
Rockingham	2.72	1.72	26.06	-8.87	93	61	77	3	3944
Roxboro	0.62	-0.34	35.46	3.23	91	58	74	3	3330
Southern Pines	2.84	1.86	28.20	-5.77	95	60	77	3	3912
Statesville	1.40	0.49	32.66	0.50	90	58	74	0	3251
Tarboro	4.72	3.53	42.40	9.74	92	63	77	3	3638
Vale	0.27	-0.64	27.65	-5.62	93	59	75	2	3413
Wallace	6.53	4.99	43.34	3.83	93	65	78	0	3874
Washington	5.82	4.53	44.32	9.25	90	63	76	2	3742
Waynesville	0.43	-0.48	24.73	-10.32	86	56	70	4	2596
Whiteville	7.80	6.45	56.18	19.48	90	65	78	1	3881
Williamston	6.24	4.95	44.42	9.35	91	64	77	3	3726
Willimnton	9.00	7.28	47.55	6.28	91	66	78	1	4127
Wilson	4.68	3.54	43.69	10.03	93	64	77	3	3839
Winston Salem	1.09	0.14	30.92	0.68	90	63	77	4	3620

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.



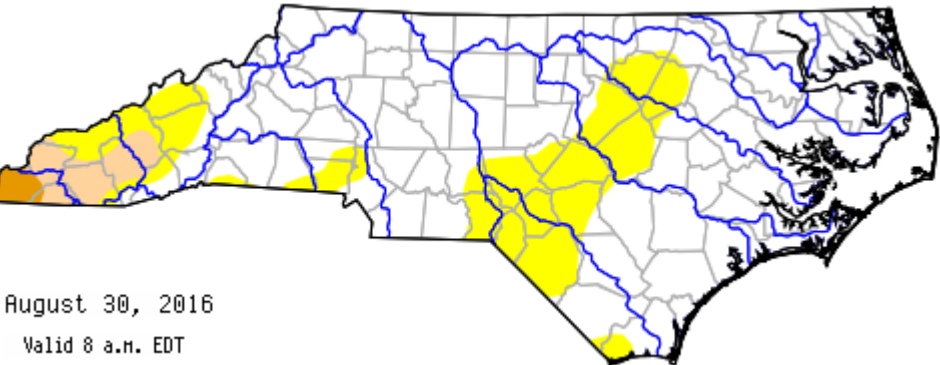
US DROUGHT MONITOR OF NORTH CAROLINA

<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)