

North Carolina Weather & Crops Report

Released June 22, 2015



CROP SUMMARY FOR THE WEEK ENDING JUNE 21, 2015

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.3	5.8	5.6	5.5

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	10	32	53	5
Subsoil Moisture	7	26	62	5

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

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PLANTED:				
Cotton	97	94	100	100
Soybeans	81	70	80	79
Sweet Potatoes	74	61	72	75
Tobacco: Burley	86	80	98	96
PHENOLOGICAL:				
Corn Silking	31	n/a	43	46
Cotton Squaring	31	n/a	24	31
Soybean % Emerged	67	56	71	67
HARVESTED:				
Barley	73	48	n/a	n/a
Hay 1 st cutting	93	90	94	94
Oats	73	48	n/a	n/a
Wheat	65	21	63	72

CROP CONDITION PERCENT

	VP	P	F	G	EX
Apples	0	2	37	58	3
Barley	0	3	25	68	4
Corn	3	11	31	41	14
Cotton	1	4	25	62	8
Hay	1	9	45	39	6
Oats	2	7	45	42	4
Pasture	3	24	41	29	3
Peaches	4	2	39	49	6
Peanuts	10	1	17	73	8
Soybeans	2	7	27	56	8
Sweet Potatoes	1	2	48	47	2
Tobacco: Flue Cured	1	3	23	64	9
Tobacco: Burley	0	0	43	54	3
Wheat	2	10	37	43	8

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

Weather conditions for the week were rather hot for this time of the year with highs in the upper 80's to lower 90's. Scattered rain showers and thunderstorms brought some much needed moisture to some areas of the county but other areas remain dry. Some of the storms were severe with heavy rain and hail, however minimal damage has been reported. Most crops are progressing well. Hay producers are continuing to harvest their first cutting but hay quality is starting to decline due to over maturity and warm temperatures. **Stanley Holloway – Yancey Co Extension**

Rain over the past week has helped in some areas of the region. Other areas still have not received rain, and crop conditions are worsening. Corn in many areas will have reduced yield and tobacco, soybeans, and cotton has also suffered yield loss. Sweet potato transplanting is still underway where rain has allowed. Weed control has been a challenge with dry, hot conditions, and pigweed is beginning to overtake some fields. Continued hot, dry weather this week will further yield loss in many areas of the region. **Colby Lambert – Agronomist Region 9**

Record breaking heat has intensified drought farmers for the most part have ceased planting soybeans into small grain stubble; however, beans previously planted are for the most part emerging into decent stands since moisture in wheat stubble was adequate another week as hot and dry weather is predicted. We are waiting to see what develops but if conditions continue we are headed for a very bad year for the field and forage crops. **Steve Gibson – Catawba Co Extension**

Hot and dry weather conditions have contributed to a speedy harvest of the clary sage crop. However, the dry soil conditions in many areas of the county and has resulted in delaying soybean planting behind sage and wheat. A few reports of tobacco flowering early.

Richard Rhodes – Bertie Co Extension

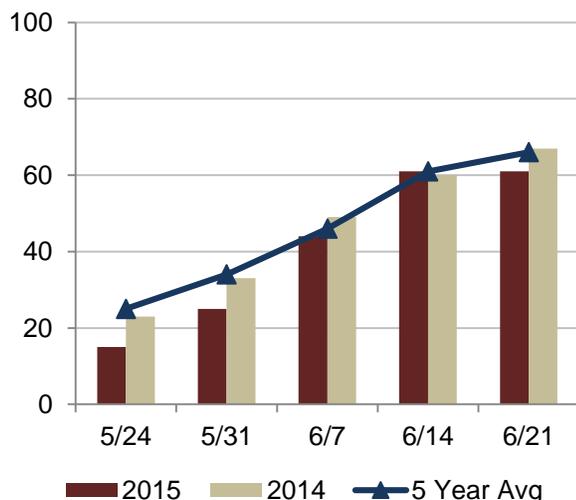
Hot and dry conditions lately have had crops under stress. Isolated showers have given crops a much-needed relief, however not everyone has received recent showers. We're hopeful for more rain in the future. Tobacco crop needs a shower so nitrogen can be taken up. Seeing a good amount of Bacterial Wilt and sun scald in tobacco fields already this season.

Roy Thagard – Greene Co Extension

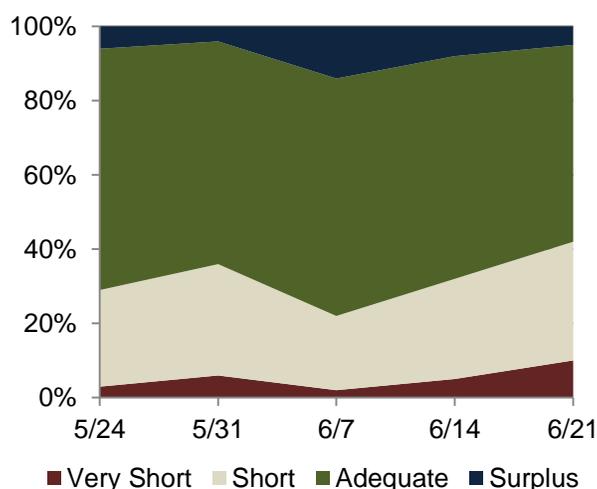
Extreme high heat during week took a toll on early corn planted in sandier soils. Lower leaf of tobacco were also burned in some fields. Stress on tobacco plants also gave first signs of Granville Wilt. Despite the heat, good progress was made on small grain harvest with many farmers finishing up. Some soybeans planted just before the extreme heat came may have to be replanted due to low germination. Sweet potato transplanting is progressing well.

Brian Parrish – Harnett Co Extension

SWEET POTATOES PERCENT PLANTED



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK ENDING JUNE 21, 2015

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	1.01	0.10	18.01	-4.84	96	69	82	9	1482
Asheville	0.69	-0.34	17.49	-6.04	89	62	76	7	1304
Burlington	0.46	-0.49	15.78	-5.91	98	69	84	8	1564
Charlotte	0.01	-0.76	15.61	-5.32	100	68	85	8	1672
Clayton	1.07	0.23	22.81	1.60	98	69	83	7	1461
Clinton	1.21	0.14	24.92	3.04	98	71	85	9	1611
Dunn	1.48	0.44	25.75	3.32	100	71	85	10	1668
Elizabeth City	0.66	-0.18	20.59	-1.76	97	71	83	8	1531
Fayetteville	1.33	0.34	22.83	1.70	102	70	86	10	1785
Gastonia-Gaston	0.27	-0.57	13.91	-7.44	100	68	84	9	1641
Goldsboro	0.99	0.07	24.73	2.24	102	72	86	9	1734
Greensboro	0.15	-0.66	14.23	-6.05	98	70	84	10	1546
Greenville	0.34	-0.71	25.06	2.85	100	72	85	10	1666
Hickory	0.34	-0.78	16.97	-7.57	94	69	81	7	1498
Jefferson	0.58	-0.42	18.07	-6.24	89	58	72	7	828
Kinston	0.32	-0.77	24.09	1.30	102	71	85	10	1592
Maxton	1.26	0.07	22.35	0.52	99	70	84	8	1745
Mount Airy	0.89	-0.02	19.06	-4.05	93	65	79	8	1223
New Bern	1.48	0.36	24.30	0.42	100	72	85	10	1715
North Wilkesboro	0.25	-0.80	14.93	-10.50	94	66	79	8	1311
Oxford	2.53	1.79	20.16	-1.24	93	68	81	8	1426
Raeford	1.02	-0.17	22.95	1.12	100	71	85	8	1669
Raleigh-Durham	2.94	2.17	21.68	1.23	100	71	85	10	1639
Reidsville	0.12	-0.79	18.25	-4.52	94	69	81	7	1338
Roanoke Rapids	0.69	-0.15	19.71	-1.72	95	70	84	9	1505
Robbinsville	1.10	-0.20	27.19	-7.54	90	62	75	5	1209
Roxboro	1.56	0.72	21.04	-0.52	92	68	80	8	1364
Statesville	0.42	-0.63	16.38	-6.17	95	66	80	6	1284
Tarboro	0.17	-0.70	20.17	-1.21	100	72	84	10	1544
Vale	0.10	-0.81	19.03	-4.66	96	65	81	7	1378
Wallace	1.16	-0.06	26.04	3.03	100	72	86	9	1605
Washington	1.56	0.51	25.45	3.11	99	72	85	10	1568
Waynesville	0.33	-0.60	24.05	-1.52	88	57	74	7	1080
Whiteville	1.08	-0.01	19.08	-3.89	98	72	85	8	1642
Williamston	0.29	-0.76	22.57	0.23	99	72	84	9	1568
Willington	3.14	1.88	26.69	3.40	100	72	87	10	1753
Wilson	0.84	-0.03	24.82	2.92	100	72	85	9	1655
Winston Salem	0.12	-0.69	13.27	-7.01	96	69	83	9	1526

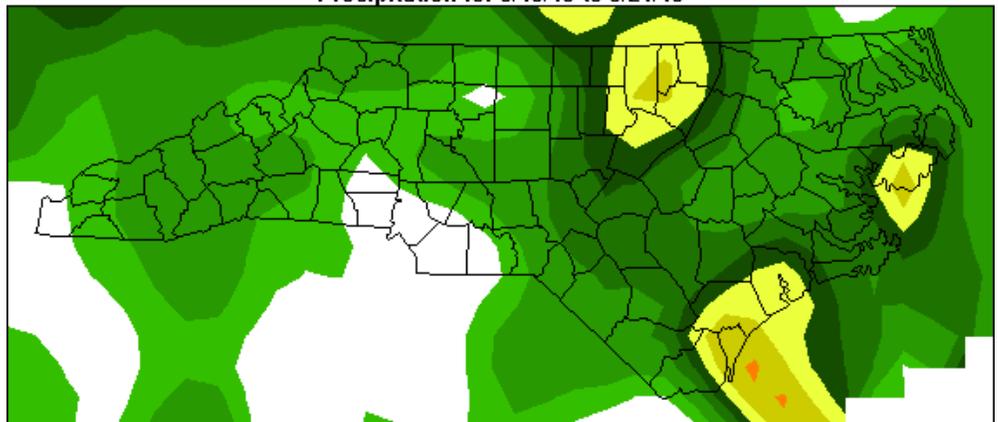
¹ Precipitation data considered preliminary *Data not available.

PRECIPITATION SUMMARY

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

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

Precipitation for 6/15/15 to 6/21/15



US DROUGHT MONITOR OF NORTH CAROLINA

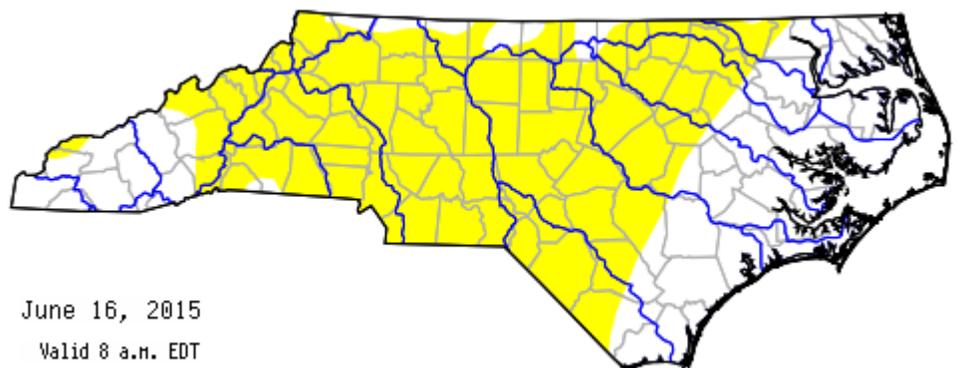
<http://www.ncdrought.org/>

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

June 16, 2015
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)