



South Carolina Weekly Weather and Crop Progress Report

Cooperating with Clemson University
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Cooperating Agencies:
Clemson University
SC State Climatology Office
Farm Service Agency



GENERAL

Despite cooler than average temperatures, the lack of moisture and relatively high winds continued to further dry soils. Conditions for harvest still remained favorable, but the small grain seeding has slowed as growers await rain before planting. There was some light crop damage reported from scattered frosts. Soil conditions were very dry in much of the State being rated at 21% very short, 41% short, and 38% adequate. There was an average of 6.7 days across the State that suitable for fieldwork.

FIELD CROPS

COTTON bolls had nearly all opened. Cotton picking was in high gear this past week with 51% of the crop harvested compared with 67% last year, and 60% for the five-year average. Conditions were little changed at 1% very poor, 2% poor, 19% fair, 65% good, and 13% excellent. **OAT** seeding was still slow and was 35% complete, compared to 44% last year, and the five-year average of 42%. **PEANUT** harvest was 90% complete compared to 79% last year, and 91% for the five-year average. Nearly all of the **SOYBEAN** crop had turned color with 74% having dropped leaves. Sixty percent of the crop had matured, and harvest was 28% complete, ahead of the 25% last year, and the 22% five-year average. Conditions were close to those reported previously at 1% very poor, 3% poor, 24% fair, 63% good, and 9% excellent. **WINTER GRAZINGS** plantings continued at 74% complete with 54% having emerged. Reported conditions demonstrate the lack moisture at 17% very poor, 12% poor, 47% fair, and 24% good. By the end of the week, **WINTER WHEAT** seeding was 40% complete, and 14% emerged.

OTHER ITEMS OF INTEREST

PASTURE conditions declined for another week and were 2% very poor, 11% poor, 33% fair, 51% good, and 3% excellent. Likewise, **LIVESTOCK** conditions were also lower at 2% poor, 24% fair, 73% good, and 1% excellent.

Crop Progress for Week Ending November 4, 2012

Crop and Stage	2012	2011	5-Yr Avg	Crop and Stage	2012	2011	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cotton, Bolls Opened	97	99	99	Soybeans, Mature	60	52	58
Cotton, Harvested	51	67	60	Soybeans, Harvested	28	25	22
Oats, Planted	35	44	42	Winter Grazings, Planted	74	69	72
Oats, Emerged	21	23	24	Winter Grazings, Emerged	54	52	50
Peanuts, Harvested	90	79	91	Winter Wheat, Planted	40	31	25
Soybeans, Turned Color	98	92	97	Winter Wheat, Emerged	14	13	14
Soybeans, Leaves Dropped	74	65	75				

Condition for Week Ending November 4, 2012

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cotton	1	2	19	65	13	Soybeans	1	3	24	63	9
Livestock	0	2	24	73	1	Winter Grazings	17	12	47	24	0
Pasture	2	11	33	51	3						

South Carolina Weekly Weather Summary for the Week Ending November 4, 2012

The broad circulation around Hurricane Sandy caused much colder air to enter South Carolina on strong, northwesterly winds. According to park rangers at Jones Gap and Caesars Head, the high elevation mountains “peak” color was short-lived due to excessive leaf drop caused by Monday’s high winds. Clemson AP and Anderson AP recorded wind gusts of 39 mph. Darlington and Hartsville reported a Monday high temperature of just 55 degrees. Dry, windy conditions were observed on Tuesday. At 4:00 p.m., Orangeburg noted west winds at 21 mph gusting to 30 mph. Newberry and Mullins recorded 57 degrees for their high temperature. Steady west winds overnight and into Wednesday morning ushered in more cold air. Conway and the Georgetown AP started the day at 37 degrees. Relative humidity values fell to 13 percent at Clemson, 14 percent at Orangeburg, 15 percent at Columbia and 16 percent at Beaufort. October rainfall totals ranged from 5.66 inches at Caesars Head to just 0.62 inches at Little Mountain. November began with the season’s lowest temperatures and frost reported across the Midlands and into Horry County. Calm air over the McEntire ANG AP allowed the early morning temperature to fall to a hard freeze of 27 degrees. Other sub-freezing reports included Bishopville at 28 degrees, Cades at 30 degrees and Greenwood at 31 degrees. On Friday morning, the surf water temperature at Springmaid Pier cooled to 62.1 degrees. The cold air forcing relaxed during a sunny Friday afternoon and allowed temperatures to move back into the lower 70’s. On Saturday, Clarks Hill warmed to 81 degrees. Saturday ended with most of inland South Carolina rain free for the past two weeks. Warming, moist air pushed north on Sunday, ahead of a frontal boundary and hail producing storm cells. At 5:10 p.m., Monetta reported one-inch diameter hail that quickly moved into the neighborhoods of South Congaree. The Orangeburg AP, Beaufort Marine Corps Air Station and Adams Run all warmed to a Sunday high temperature of 84 degrees. At 5:55 p.m., a severe thunderstorm released 1.75-inch diameter hail over parts of Murrells Inlet with public reports of quarter-sized hail covering the ground at Garden City Beach. Socastee measured one of the heaviest rainfall amounts with 0.68 inches. The fast-moving weather left only isolated relief to the dry conditions. The state average temperature for the period was two degrees below normal.

The highest official temperature reported was 85 degrees at Barnwell on November 4. The lowest official temperature reported was 24 degrees at Pelion on November 1. The heaviest official 24-hour rainfall reported was 1.00 inches at Myrtle Beach FD on November 4. The state average rainfall for the period was 0.1 inches.

SOIL: 4-inch depth soil temperature: Columbia 66 degrees, Charleston 65 degrees.

RIVERS AND SURF: South Carolina river stages were below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 62 degrees.

To access the SC State Climatology Office Weekly Weather summary from Dec-Mar: <http://www.dnr.sc.gov/climate/sco/> Then under “Quick Links”(upper right)select ‘Weekly and Annual Weather Report’

Precipitation

Location	Total for Week	Total for 2012	Deviation from Average
Greer AP	0.01	32.15	-6.9
Anderson AP	0.01	33.60	-2.6
Columbia Metro AP	0.00	37.63	-0.7
Orangeburg AP	0.00	36.73	-3.5
Charlotte, NC AP	0.00	29.20	-5.7
Augusta, GA Bush AP	0.00	30.31	-6.8
Florence AP	0.00	35.87	-1.1
N Myrtle Beach AP	0.64	33.23	-12.0
Charleston AP	0.17	38.21	-7.0
Savannah, GA AP	0.00	37.82	-4.6

Weekly rainfall totals this period ending midnight Sunday.



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