



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

Fall-like temperatures continued into the week ending October 30th, 2011. Highs were in the mid-seventies for much of the State through Thursday. Very little to no rain was observed during this period allowing peanut and cotton harvests to resume. Isolated showers traveled with a cold front into the State on Friday. Sub-freezing temperatures were recorded Sunday morning in Edgefield County and as far eastward as Marion County. High temperatures were in the low sixties over the majority of the State. The State average temperature for the period was two degrees below normal with 6.4 days suitable for fieldwork. The State average rainfall for the period was 0.2 inches. Soil moisture conditions were 5% very short, 35% short and 60% adequate.

FIELD CROPS

Eighty-eight percent of **SOYBEAN** leaves had turned color and 52% had dropped leaves, fourteen points behind the five year average. Maturation was 43% completed with 19% of the crop harvested. Conditions improved to 7% very poor, 16% poor, 40% fair, 36% good and 1% excellent. All **TOBACCO** stalks had been destroyed. Ninety-eight percent of **COTTON** bolls had opened by the end of the week and 62% of the crop had been harvested, one point behind last year's figure. Conditions improved slightly to 2% very poor, 11% poor, 40% fair, 44% good and 3% excellent. **PEANUT** harvest continued to lag with 70% completed by the end of the week, sixteen points behind the five year average. **WINTER WHEAT** was 27% planted with 12% emerged by the weekend. **WINTER GRAZING** plantings increased to 62% completed with 42% emerged, one point ahead of last year's pace. Conditions were 43% fair, 56% good and 1% excellent. **OAT** planting was 35% completed with 15% emerged, four points behind the five year average.

OTHER ITEMS OF INTEREST

PASTURE conditions improved to 5% very poor, 25% poor, 41% fair and 29% good. **LIVESTOCK** conditions also improved to 4% poor, 36% fair, 59% good and 1% excellent.

Crop Progress for Week Ending October 30, 2011

Crop and Stage	2011	2010	5-Yr Avg	Crop and Stage	2011	2010	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cotton, Bolls Opened	98	99	98	Soybeans, Mature	43	48	45
Cotton, Harvested	62	63	49	Soybeans, Harvested	19	25	15
Oats, Planted	35	29	35	Tobacco, Stalks Destroyed	100	100	100
Oats, Emerged	15	17	19	Winter Grazings, Planted	62	64	68
Peanuts, Harvested	70	96	86	Winter Grazings, Emerged	42	41	44
Soybeans, Turned Color	88	98	96	Winter Wheat, Planted	27	25	21
Soybeans, Leaves Dropped	52	61	66	Winter Wheat, Emerged	12	14	12

Condition for Week Ending October 30, 2011

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	2	11	40	44	3	Soybeans	7	16	40	36	1
Livestock	0	4	36	59	1	Winter Grazings	0	0	43	56	1
Pasture	5	25	41	29	0						

South Carolina Weekly Weather Summary for the Week Ending October 30, 2011

On Monday afternoon, the Clemson Airport recorded a mild high temperature of 77 degrees. Fall color, according to park rangers at the State’s highest mountain elevations, was described as “peaking.” All South Carolina airport observation sites reported sunny, clear blue skies during the daylight hours of Tuesday. Clarks Hill warmed up to 79 degrees. The dry, stable weather pattern continued through Thursday with daily high temperatures slowly rising to or above 80 degrees. Andrews, Cades and Allendale recorded 81 degrees on Wednesday as did N Myrtle Beach, Summerville and Sandy Run on the following day. Clouds began arriving from the west on Friday ahead of an approaching cold front. Scattered showers formed along the boundary as it passed during the overnight hours. Most locations were left without rain but Greenwood received 0.66 inches and Chester was within a brief downpour of 0.62 inches. Clearing, windy weather was observed Saturday afternoon with steadily falling temperatures. On Sunday morning, the mercury fell to its lowest of the season. Freezing values were reported from Edgefield County and eastward through Sumter County and Marion County. The McEntire Air National Guard Airport in Eastover and the Florence Regional Airport both recorded a Sunday morning sub-freezing 31 degrees. There were public reports of “ground frost” in Sumter and “rooftop frost” as far south as Summerville. Clinton, Orangeburg and Beaufort’s Sunday high temperature made it to just 62 degrees. The State average temperature for the seven-day period was two degrees below normal.

The highest official temperature reported was 83 degrees at Pinopolis on October 25. The lowest official temperature reported was 27 degrees at Pelion on October 30. The heaviest official 24-hour rainfall reported was 0.76 inches at Pickens ending at 7:00 a.m. on October 29. The State average rainfall for the period was 0.2 inches.

SOIL: 4-inch depth soil temperature: Columbia 64 degrees, Charleston 65 degrees.

RIVERS AND SURF: South Carolina river stages were near to below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 65 degrees.

Precipitation

Location	Total for Week	Total for 2011	Deviation from Average
Greer AP	0.37	37.60	-1.7
Anderson AP	0.33	28.96	-7.5
Columbia Metro AP	0.12	33.83	-4.7
Orangeburg AP	0.01	33.96	-6.5
Charlotte, NC AP	0.65	37.77	2.6
Augusta, GA Bush AP	0.03	26.52	-10.8
Florence AP	0.01	25.38	-11.8
N Myrtle Beach AP	0.00	29.54	-15.9
Charleston AP	0.01	34.96	-10.4
Savannah, GA AP	0.07	32.98	-9.6

Weekly rainfall totals this period ending midnight Sunday.



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