



# South Carolina

## Weekly Weather and Crop Progress Report

Cooperating with Clemson University  
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**Issue:** SC-CW004310  
**Released:** October 18, 2010 , after 4 pm  
**Week Ending:** October 17, 2010  
**Cooperating Agencies:**  
Clemson University  
SC State Climatology Office  
Farm Service Agency



### GENERAL

Another week of minimal rainfall dried out most South Carolina locations this past week. The weather was ideal for harvesting cotton, peanuts, and early soybeans. However, for many growers, conditions were too dry for winter grazing and small grain planting, and emergence. Armyworm infestations have reportedly diminished significantly. South Carolina soil moisture levels continued to diminish and were 17% very short, 48% short, and 35% adequate. With dry weather, there was a statewide average of 6.7 days that were suitable for fieldwork.

### FIELD CROPS

All **CORN** had reportedly been harvested for the year. Ninety-six percent of **COTTON** bolls had opened. Forty-one percent of the crop had been harvested, fourteen points ahead of the five-year average. Conditions were reportedly 2% very poor, 15% poor, 28% fair, 50% good, and 5% excellent. The **PEANUT** harvest continued at a rapid pace with 80% of the crop reportedly harvested, well ahead of historical numbers. **SOYBEANS** had finished setting pods by week's end. Eighty-two percent of the crop had turned color, 41% had dropped leaves, 27% were mature, and 11% were harvested, all ahead of the five-year average. Conditions were mostly unchanged and were 5% very poor, 24% poor, 39% fair, 31% good, and 1% excellent. Nearly all **TOBACCO** stalks had been disked. The planting for **WINTER GRAZINGS** was stalled due to the dry conditions. Forty-four percent had been planted and 15% had emerged. Nineteen percent of **OATS** and 15% of **WINTER WHEAT** had been planted. Seven percent and 4% had emerged, respectively.

### OTHER ITEMS OF INTEREST

**LIVESTOCK** conditions were mostly unchanged from the previous week and were reported at 1% very poor, 6% poor, 29% fair, and 64% good. Cattleman continued feeding hay due to declining **PASTURE** conditions. Pastures were reportedly 17% very poor, 15% poor, 40% fair, and 28% good.

### Crop Progress for Week Ending October 17, 2010

Crop and Stage	2010	2009	5-Yr Avg	Crop and Stage	2010	2009	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn, Harvested	100	100	100	Soybeans, Leaves Dropped	41	39	37
Cotton, Bolls Opened	96	94	93	Soybeans, Mature	27	32	20
Cotton, Harvested	41	21	27	Soybeans, Harvested	11	9	5
Oats, Planted	19	13	18	Tobacco, Stalks Destroyed	98	100	98
Oats, Emerged	7	3	6	Winter Grazings, Planted	44	56	50
Peanuts, Harvested	80	57	55	Winter Grazings, Emerged	15	23	20
Soybeans, Pods Set	100	100	100	Winter Wheat, Planted	15	14	14
Soybeans, Turned Color	82	74	72	Winter Wheat, Emerged	4	5	5

### Condition for Week Ending October 17, 2010

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	15	28	50	5	Pasture	17	15	40	28	0
Livestock	1	6	29	64	0	Soybeans	5	24	39	31	1

## South Carolina Weekly Weather Summary for the Week Ending October 17, 2010

Unseasonably warm weather for October continued into the first half of the week. The McEntire AP near Eastover reported 88 degrees on Monday as did Conway on Tuesday. Jocassee Dam received 0.18 inches of rain from a brief shower also on Tuesday. Isolated and widely-spaced showers fell on Wednesday across the Lowcountry and Foothills. Gaston Shoals reported one of the heavier amounts with 0.28 inches. Barnwell and Lake Wateree warmed to 89 degrees. A cold front and stormy weather raced through the state on Thursday with hail followed by plummeting temperatures. Hailstones the size of golf balls fell on Conway and Newberry. Weather monitoring instruments at White Knoll High School in Lexington County measured a two minute temperature fall of 15 degrees as marble-sized hail covered the ground. Barnwell's Thursday high temperature of 82 degrees fell 47 degrees to a Friday morning low of 35 degrees. Only a handful of locations reported measurable rain from the passing storms and the amounts were generally less than one-tenth of an inch. Temperatures on Friday morning ranged from the middle 30's to middle 40's for much of the state. There were more public reports of patchy ground frost. Sunny skies and slow warming were observed through the dry weekend. The state average temperature for the seven-day period was two degrees above normal.

The highest official temperature reported was 90 degrees at the USC Campus in Columbia on October 11. The lowest official temperature reported was 34 degrees at Winnsboro on October 15 and at Chesnee on October 17. The heaviest official 24-hour rain reported was 0.48 inches at N Inlet Winyah Bay, Georgetown ending at 7:00 a.m. on October 15. The state average rainfall for the period was 0.1 inches.

SOIL: 4-inch depth soil temperature: Columbia 71 degrees, Charleston 72 degrees.

RIVERS AND SURF: South Carolina river stages were near to below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 70 degrees.

### Precipitation

Location	Total for Week	Total for 2010	Deviation from Average
Greer	0.00	36.48	-4.4
Anderson	0.00	32.70	-5.0
Columbia	0.01	30.82	-9.9
Orangeburg	0.23	36.64	-4.1
Charlotte, NC	0.09	32.26	-3.1
Augusta, GA	0.00	25.47	-11.9
Florence	0.00	39.95	2.5
N Myrtle Beach	0.22	37.25	-0.8
Charleston	0.00	53.96	9.5
Savannah, GA	0.00	33.81	-9.3

Weekly rainfall totals this period ending midnight Sunday.



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