



# South Carolina

## Weekly Weather and Crop Progress Report

Cooperating with Clemson University  
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**Issue:** SC-CW003812  
**Released:** September 17, 2012 , after 4 pm  
**Week Ending:** September 16, 2012  
**Cooperating Agencies:**  
Clemson University  
SC State Climatology Office  
Farm Service Agency



### GENERAL

Fairer weather and cooler temperatures allowed crop conditions and yield potential to continue to improve during the past week. Rainfall was mostly limited to a few areas in the Upstate, and along the North Carolina border. Soil moisture conditions for South Carolina were 2% very short, 12% short, 85% adequate, and 1% surplus. There was a State average of 6.5 days that were suitable for fieldwork.

### FIELD CROPS

**CORN** cutting is fast wrapping up for the year. Harvest was at 87% complete compared with 94% last year, and is on par with the five-year average. **COTTON** bolls were 98% set, with 39% of the bolls having opened. A few early maturing cotton fields will probably soon have defoliant applied. Conditions improved slightly once again to 2% poor, 20% fair, 65% good, and 13% excellent. **PEANUTS** harvest has begun in earnest and is 6% complete, three points behind last year, and one behind the five-year average. Conditions were at 2% poor, 20% fair, 70% good and 8% excellent. Ninety-four percent of **SOYBEANS** had bloomed, remaining behind last year and the five-year average. Eighty-one percent of the crop had set pods, also behind last year, and the five-year average. Conditions were unchanged at 3% poor, 25% fair, 62% good, and 10% excellent. **TOBACCO** harvest was nearly complete with 72% of the stalks having been destroyed.

### OTHER ITEMS OF INTEREST

**PASTURE** conditions changed very little over the past week and were at 2% poor, 20% fair, 70% good, and 8% excellent. **LIVESTOCK** conditions also were marginally different from the previous week and were 2% poor, 19% fair, 72% good, and 7% excellent.

#### Crop Progress for Week Ending September 16, 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>
Corn, Harvested	87	94	87	Soybeans, Pods Set	81	90	93
Cotton, Bolls Set	98	100	100	Soybeans, Turned Color	11	10	13
Cotton, Bolls Opened	39	70	59	Tobacco, Harvested	98	97	97
Peanuts, Harvested	6	9	7	Tobacco, Stalks Destroyed	72	62	64
Soybeans, Bloomed	94	99	100	Winter Grazings, Planted	8	9	11

#### Condition for Week Ending September 16, 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	0	2	20	65	13	Peanuts	0	2	22	64	12
Livestock	0	2	19	72	7	Soybeans	0	3	25	62	10
Pasture	0	2	20	70	8						

## South Carolina Weekly Weather Summary for the Week Ending September 16, 2012

Modified Canadian air settled over the southeast for the week bringing a stretch of dry, stable weather. On Monday morning, Pelion, Saluda and Newberry cooled to 56 degrees. At 4:00 p.m. on Monday, Shaw AFB in Sumter reported 79 degrees with 33 percent relative humidity. At the same time on Tuesday, 80 degrees with 34 percent relative humidity, on Wednesday, 80 degrees with 36 percent relative humidity and on Thursday, 80 degrees with 39 percent relative humidity. A high barometric pressure value of 30.38 inches of mercury was observed at the Rock Hill AP, Greenwood AP, Greenville AP and Clemson AP on Wednesday. The Thursday morning sunrise temperature at Chester, Calhoun Falls, Laurens and Bishopville fell to an early, October-like 55 degrees. The Kingstree AP location rebounded from 63 degrees at 7:35 a.m. to 86 degrees at 4:00 p.m. The Charleston AP and Sullivan's Island reached 86 degrees on Friday. Temperatures on Saturday continued to ease upward as did the humidity. Kings Mt. National Park, Florence, Georgetown and Beaufort recorded 87 degrees. Sunday began with most sites in the 60's before climbing into the 80's. Pinopolis and Hardeeville warmed to 89 degrees. During the evening hours, areas of rain developed over parts of northwestern South Carolina. The state average temperature for the period was three degrees below normal.

The highest official temperature reported was 91 degrees at Givhans on September 15. The lowest official temperature reported was 51 degrees at Hunts Bridge on September 9 and at Jocassee and Ninety Nine Islands on September 14. The heaviest official 24-hour rainfall reported was 0.35 inches at Greenville-Spartanburg AP on September 16. The state average rainfall for the period was 0.0 inches.

SOIL: 4-inch depth soil temperature: Columbia 79 degrees, Charleston 78 degrees.

RIVERS AND SURF: South Carolina river stages were near to below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 82 degrees.

### Precipitation

Location	Total for Week	Total for 2012	Deviation from Average
Greer AP	0.35	28.73	-5.7
Anderson AP	0.03	30.50	-1.1
Columbia Metro AP	0.00	35.08	1.2
Orangeburg AP	0.00	34.41	-1.0
Charlotte, NC AP	0.03	26.44	-3.9
Augusta, GA Bush AP	0.00	27.72	-4.9
Florence AP	0.14	33.21	0.7
N Myrtle Beach AP	0.00	30.47	-8.6
Charleston AP	0.00	36.08	-3.2
Savannah, GA AP	0.29	35.21	-1.8

Weekly rainfall totals this period ending midnight Sunday.



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