



# South Carolina

## Weekly Weather and Crop Progress Report

1835 Assembly St., Suite 1008 · Columbia, SC 29201  
(800) 424-9406 · FAX (803) 765-5310 · [www.nass.usda.gov/sc](http://www.nass.usda.gov/sc)

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**Week Ending:** September 15, 2013

**Cooperating Agencies:**

Clemson University  
South Carolina State University  
SC State Climatology Office  
Farm Service Agency



### GENERAL

Another week filled with lots of sunshine and no significant rainfall, allowed most crops to continue to make improvements in condition and yield potential, as various field activities proceeded at a steady pace. The week ended with a few scattered showers, which at this point were a much needed and welcomed site. Soil moisture ratings were reported at 6% very short, 39% short, 53% adequate and 2% surplus. There was a statewide average of 6.6 days suitable for any fieldwork across South Carolina.

### FIELD CROPS

**CORN** harvest proceeded at a good pace and by the end of the week, 62% of the crop was harvested, but still lagging behind last year and the five-year averages, which were both at 86%. **COTTON** bolls were 96% set, compared to 98% set last year and 99% set for the five-year average. Recent sunshine and warm temperatures benefited the crop's development. By the end of the week, 34% of the bolls were open, slightly behind last year's 37% but well behind the five-year average percentage of 54%. Conditions were 8% very poor, 15% poor, 28% fair, 46% good, and 3% excellent. The overall condition of the **PEANUT** crop was 2% very poor, 6% poor, 19% fair, 68% good, and 5% excellent, with 2% of the crop harvested by week's end. **SOYBEANS** were 93% bloomed, slightly behind of last year's 94% and the five-year average of 98%. Five percent of the crop had turned color by the end of the week, compared to 10% and 11% for last year and the five-year average, respectively. The overall condition of the crop was 1% very poor, 6% poor, 25% fair, 65% good, and 3% excellent. **TOBACCO** harvest neared completion, with 96% harvested by the end of the week, only 1% behind last year and the five-year average.

### OTHER ITEMS OF INTEREST

**PEACH** harvest was complete. **LIVESTOCK** conditions for the week were 17% fair, 81% good, and 2% excellent. **PASTURE** conditions decreased slightly to 1% poor, 19% fair, 78% good, and 2% excellent.

### Crop Progress for Week Ending September 15, 2013

Crop and Stage	2013	2012	5-Yr Avg	Crop and Stage	2013	2012	5-Yr Avg
	Percent	Percent	Percent		Percent	Percent	Percent
Corn, Matured	100	100	100	Soybeans, Bloomed	93	94	98
Corn, Harvested	62	86	86	Soybeans, Pods Set	68	80	91
Cotton, Bolls Set	96	98	99	Soybeans, Turned Color	5	10	11
Cotton, Bolls Opened	34	37	54	Tobacco, Harvested	96	97	97
Peaches, Harvested	100	100	99	Tobacco, Stalks Destroyed	55	71	67
Peanuts, Harvested	2	6	8	Winter Grazings, Planted	8	7	10

### Condition for Week Ending September 15, 2013

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent
Cotton	8	15	28	46	3	Peanuts	2	6	19	68	5
Livestock	0	0	17	81	2	Soybeans	1	6	25	65	3
Pasture	0	1	19	78	2						

## South Carolina Weekly Weather Summary for the Week Ending September 15, 2013

At 2:00 p.m. on Monday, Greenville, Orangeburg and Beaufort all reported a drying and sunny 88 degrees. The 4:00 p.m. temperature of 93 degrees at Columbia Metro AP was accompanied by a relative humidity value of just 26 percent. Springmaid Pier at Myrtle Beach recorded the summer season's highest surf water temperature of 85.5 degrees on September 9. On the same day, isolated showers formed across the coastal plain and left 0.35 inches of rain at Holly Hill and 0.23 inches at Walterboro. Florence and Sumter reached 92 degrees on Tuesday afternoon. Somewhat cooler air entered the state on Wednesday morning. Chester and Allendale reported a minimum temperature of 64 degrees. Very isolated showers formed along the southern beaches. Late-season hot weather returned for Thursday. The Marlboro County Jetport reached 95 degrees and the Columbia Hamilton-Owens AP recorded 94 degrees. While summer-like heat was being observed for the central and eastern counties, a secondary and more forceful boundary of cooler air brought showers to the South Carolina mountains. Walhalla measured one of the heavier totals with 0.67 inches and the Jocassee Dam received 0.57 inches. Charleston and Barnwell warmed to 93 degrees on Friday just ahead of the anticipated fall-like air mass. Localized thundershowers near the Charleston Harbor gave a CoCoRaHS volunteer observer in Mt. Pleasant 1.51 inches of rain and left 0.80 inches in the gage at Ft. Johnson. On Saturday morning, Saluda and Johnston cooled to 59 degrees. A sunny Bishopville and Clarks Hill noted a Saturday high temperature of only 80 degrees. Sunday's mostly sunny conditions allowed for moderate warming. Aiken, Orangeburg and Lake City reported 89 degrees. The Columbia Metro AP consecutive days' absence of measurable rain ended Sunday with a run of 24 days. Just released "SC State Averaged Precipitation" for the June through August 2013 rainfall period, as compiled by the National Climatic Data Center in Asheville, NC, indicated the amount to be the "wettest of record" (26.26 inches) and besting the 1964 total of 24.79 inches. The state average temperature for the seven-day period was three degrees above the long-term average.

The highest official temperature reported was 98 degrees at Pinopolis on September 12. The lowest official temperature reported was 50 degrees at Long Creek on September 14. The heaviest official 24-hour rainfall reported was 1.65 inches at Sullivan's Island ending at 7:00 a.m. on September 14. The state average rainfall for the seven-day period was 0.1 inches.

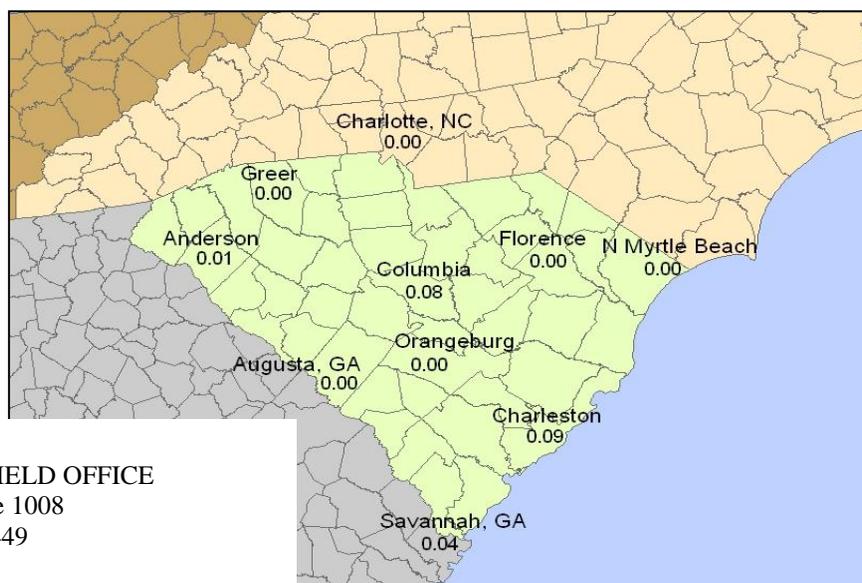
SOIL: 4-inch depth soil temperature: Columbia 81 degrees, Charleston 80 degrees.

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

### Precipitation

Location	Total for Week	Total for 2013	Deviation from Average
Anderson AP	0.01	53.66	22.1
Greer AP	0.00	54.37	20.1
Charlotte, NC AP	0.00	35.47	5.3
Columbia Metro AP	0.08	43.59	9.8
Orangeburg AP	0.00	47.47	12.2
Augusta, GA Bush AP	0.00	45.46	13.0
Florence AP	0.00	46.54	14.1
N Myrtle Beach AP	0.00	40.78	1.9
Charleston AP	0.09	47.16	8.1
Savannah, GA AP	0.04	47.74	10.9

Weekly rainfall totals this period ending midnight Sunday.



USDA-NASS  
 SOUTH CAROLINA FIELD OFFICE  
 1835 Assembly St. Suite 1008  
 Columbia, SC 29201-2449  
 Official Business

Address Service Requested