



# South Carolina

## Weekly Weather and Crop Progress Report

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**Week Ending:** August 18, 2013

**Cooperating Agencies:**

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



### GENERAL

Most of this past week's field work occurred during the first few days, before the bottom fell out of the sky again. Heavy rains late in the week made it impossible for work to continue. Record breaking cool temperatures have also slowed crop development. Soil moisture ratings were reported at 1% short, 53% adequate and 46% surplus. There was a statewide average of 4.0 days suitable for any fieldwork across South Carolina.

### FIELD CROPS

The **CORN** crop was 99% doughed, compared to 100% last year and the 5-year average. By the end of the week, 82% of the crop had matured, behind both last year, and the five-year average. Corn harvest continued, but at a much slower pace with 18% of stalks cut, compared to 38% last year, and 25% for the five-year average. Ninety-nine percent of the **COTTON** crop had squared compared to 100% last year and 99% for the five-year average. By week's end, 70% bolls were set compared to 85% for 2012, and 83% for the five-year average. Conditions were 1% very poor, 13% poor, 38% fair, 47% good, and 1% excellent. **PEANUTS** were 98% pegged, on par with last year, and the five-year average. Conditions for the crop were 5% poor, 19% fair, 71% good, and 5% good. **SOYBEANS** were 69% bloomed, lagging behind both last year and the five-year average, which were 74% and 86%, respectively. The overall condition of the crop declined again to 1% very poor, 13% poor, 38% fair, 47% good, and 1% excellent. **TOBACCO** was ripening rapidly, but the weather and available barn space has made the situation difficult. By week's end, 63% of the crop was harvested, compared to 72% last year, and 70% for the five-year average.

### OTHER ITEMS OF INTEREST

**MELON** harvests were winding down. The **PEACH** harvest was 93% complete, compared to 98% last year, and 89% for the five-year average. **HAY** harvest was 98% percent complete. **LIVESTOCK** conditions for the week were 1% poor, 18% fair, 76% good, and 5% excellent. **PASTURE** conditions were 20% fair, 69% good, and 11% excellent.

### Crop Progress for Week Ending August 18, 2013

Crop and Stage	2013	2012	5-Yr Avg	Crop and Stage	2013	2012	5-Yr Avg
	Percent	Percent	Percent		Percent	Percent	Percent
Cantaloup, Harvested	96	100	97	Peanuts, Pegged	98	98	98
Corn, Doughed	99	100	100	Snapbeans, Fresh, Harvested	98	100	100
Corn, Matured	82	96	90	Soybeans, Bloomed	69	74	86
Corn, Harvested	18	38	25	Soybeans, Pods Set	18	37	51
Cotton, Squared	99	100	99	Tobacco, Topped	100	100	100
Cotton, Bolls Set	70	85	83	Tobacco, Harvested	63	72	70
Cucumbers, Fresh, Harvested	100	100	100	Tobacco, Stalks Destroyed	8	30	24
Hay, Other Hay, Harvested	98	97	96	Watermelons, Harvested	98	99	98
Peaches, Harvested	93	98	89				

### Condition for Week Ending August 18, 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
Corn	0	1	18	68	13	Pasture	0	0	20	69	11
Cotton	1	13	38	47	1	Peanuts	0	5	19	71	5
Livestock	0	1	18	76	5	Soybeans	0	2	29	68	1

## South Carolina Weekly Weather Summary for the Week Ending August 18, 2013

The summer's only stretch of hot weather continued its three-day run on Monday into Tuesday. Saluda and Sullivan's Island reported 97 degrees on Monday and Darlington and Beaufort reached 97 degrees on Tuesday. Storms developed on Wednesday for much of the Lowcountry. The Early Branch community in Hampton County reported one-inch diameter hail and the 3.20 inches of rain measured at the College of Charleston caused widespread street flooding on the Charleston peninsula. A CoCoRaHS volunteer on Mt. Pleasant measured 6.21 inches. Much cooler air dropped into the state on Thursday behind a southward moving boundary along the eastern seaboard. At 11:00 a.m., the late morning temperature at Orangeburg and Myrtle Beach was a chilling 64 degrees. Bamberg's high of only 66 degrees was their "lowest maximum" ever observed for any August. The 75 degrees at Charleston set a date record "lowest maximum". Heavy rains at Summerville left 2.50 inches. Friday started cool and rainy. The 5:06 a.m., surf water temperature at Springmaid Pier fell to a more "first week of October" reading of 76.1 degrees. At 10:00 a.m., heavy rain was falling at Columbia and Orangeburg. A belt of drenching rains set up from Aiken County eastward into Chesterfield County for most of the day. Monetta measured a 24-hour total of 4.63 inches and the Columbia Metro AP received 4.38 inches. Longtown in eastern Fairfield County recorded 3.32 inches and Chesterfield was soaked with 2.99 inches. Chester, Bishopville and Sandhill reported a Friday afternoon maximum temperature of just 65 degrees. For Sandhill, the 65-degree high temperature was the "lowest maximum" ever observed for August in 56 years of recordkeeping. The Saturday high temperature, under a day of cloudy skies, only made it to 70 degrees at Clarks Hill and Shaw AFB and was twenty degrees cooler than the date's long term average. Breaks for sunshine were observed on Sunday, allowing for modest warming at Conway and Charleston and a high temperature of 90 degrees for each. Thundershowers began forming for the west central counties during the afternoon hours and continued expanding south and east into midnight. The state average temperature for the seven-day period was five degrees below the long-term average.

The highest official temperature reported was 98 degrees at Cades on August 12 and at Dillon on August 13. The lowest official temperature reported was 54 degrees at Caesars Head on August 17. The heaviest official 24-hour rainfall reported was 5.00 inches at Edisto Beach State Park ending at 7:00 a.m. on August 15. The state average rainfall for the seven-day period was 2.4 inches.

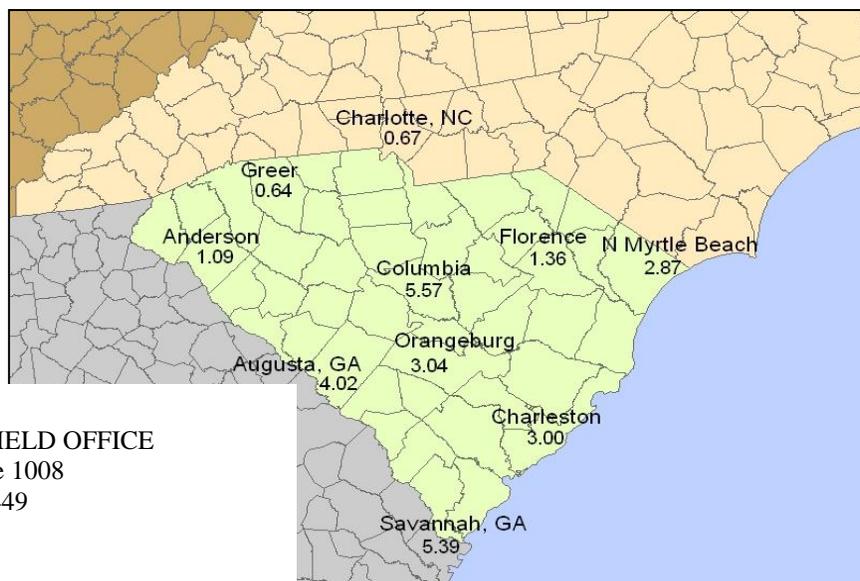
SOIL: 4-inch depth soil temperature: Columbia 76 degrees, Charleston 81 degrees.

RIVERS AND SURF: South Carolina river stages were near to above normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 78 degrees.

### Precipitation

Location	Total for Week	Total for 2013	Deviation from Average
Anderson AP	1.09	49.29	21.3
Greer AP	0.64	50.91	20.2
Charlotte, NC AP	0.67	34.75	7.9
Columbia Metro AP	5.57	42.53	12.7
Orangeburg AP	3.04	41.16	9.9
Augusta, GA Bush AP	4.02	44.72	15.6
Florence AP	1.36	43.48	15.1
N Myrtle Beach AP	2.87	40.38	8.5
Charleston AP	3.00	45.12	12.7
Savannah, GA AP	5.39	45.53	13.9

Weekly rainfall totals this period ending midnight Sunday.



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