



South Carolina

Weekly Weather and Crop Progress Report

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Cooperating Agencies:

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



GENERAL

Several days of sunshine and near normal temperatures allowed fields to begin to dry up and gave producers the opportunity to make substantial progress in various field activities. However, scattered mid-week thundershowers once again caused activities to come to a brief halt. Soil moisture ratings were reported at 5% short, 78% adequate and 17% surplus. There was a statewide average of 5.6 days suitable for any fieldwork across South Carolina.

FIELD CROPS

The **CORN** crop was 96% doughed by the end of the week, slightly behind last year's average of 98% but slightly ahead of the 5-year average of 94%. By the end of the week, 47% of the crop had matured, well behind both last year and the five-year averages. Eighty-eight percent of the **COTTON** crop had squared compared to 96% last year and 95% for the five-year average. The plants are reaching a good height but bolls are slow to develop. By week's end, 30% bolls were set compared to 60% for both last year and the five-year average. **PEANUTS** were 89% pegged, compared to 93% last year and 94% for the five-year average. **SOYBEAN** planting was complete and the crop was completely emerged. By the end of the week, 40% of the crop had bloomed, lagging behind both last year and the five-year averages, which were 53% and 60%, respectively. The overall condition of the crop improved slightly to 1% poor, 29% fair, 64% good, and 6% excellent. **TOBACCO** harvest continued at a steady but slower than normal pace. By week's end 40% of the crop was harvested, compared to 59% last year and 51% for the five-year average. The conditions improved substantially to 4% poor, 18% fair, 75% good, and 3% excellent. **RYE** harvest was complete and **WINTER WHEAT** harvest neared completion, with 99% harvested by the end of the week.

OTHER ITEMS OF INTEREST

MELON harvests continued at a steady pace, but lagged slightly behind the progress seen last year. The **PEACH** harvest was 88% complete, compared to 94% last year, and 81% for the five-year average. **HAY** harvest was 95% percent complete. **LIVESTOCK** conditions for the week were 21% fair, 74% good, and 5% excellent. **PASTURE** conditions were 15% fair, 68% good, and 17% excellent.

Crop Progress for Week Ending August 4, 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	90	97	93	Soybeans, Planted	100	100	100
Corn, Doughed	96	98	94	Soybeans, Emerged	100	100	100
Corn, Matured	47	80	55	Soybeans, Bloomed	40	53	60
Cotton, Squared	88	96	95	Soybeans, Pods Set	5	21	23
Cotton, Bolls Set	30	60	60	Tobacco, Topped	96	100	100
Cucumbers, Fresh, Harvested	89	100	100	Tobacco, Harvested	40	59	51
Hay, Other Hay, Harvested	95	89	90	Tobacco, Stalks Destroyed	2	9	3
Peaches, Harvested	88	94	81	Tomatoes, Fresh, Harvested	100	100	100
Peanuts, Pegged	89	93	94	Watermelons, Harvested	93	94	94
Rye, Harvested	100	100	100	Winter Wheat, Harvested	99	100	100
Snapbeans, Fresh, Harvested	93	100	100				

Condition for Week Ending August 4, 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	12	69	18	Peanuts	0	3	30	65	2
Cotton	0	9	29	59	3	Soybeans	0	1	29	64	6
Livestock	0	0	21	74	5	Tobacco	0	4	18	75	3
Pasture	0	0	15	68	17						

South Carolina Weekly Weather Summary for the Week Ending August 4, 2013

Most of the wet weather on Monday was concentrated along the coastal plain. A Charleston NWS employee measured 6.53 inches of rain in three hours, one mile north of the Charleston Southern University campus. Myrtle Beach received a 24-hour total of 2.05 inches. The state's highest elevations observed out-of-season cooling on Tuesday morning. Long Creek and Hunts Bridge noted a minimum of 60 degrees. While most of inland South Carolina observed sunny, warm weather on Tuesday afternoon, seabreeze-induced showers formed near the coast. The Georgetown AP reported a rainfall of 0.70 inches. The last day of a rain-soaked July ended on Wednesday with thundershowers from the mountains to the sea. 2.05 inches of rain fell at Table Rock, 2.15 inches fell at Barnwell and 1.50 inches fell at the Beaufort Marine Corps Air Station. July ended with a rainfall range of 20.56 inches at Table Rock to 3.71 inches at the Charleston City Waterfront Park. The Florence Regional AP July rain total of 14.91 inches set a record. Other record July rainfalls included the Anderson AP (15.39") and the Greenville-Spartanburg AP (14.45"). The Columbia Metro AP July 2013 average high temperature of 88.4 degrees was the coolest July since 1975. August arrived on Thursday with more unsettled weather. Late afternoon storms near Fork Shoals and Walhalla produced one-inch diameter hail. A CoCoRaHS volunteer observer recorded 3.22 inches of rain at McCormick. Longtown reported a 24-hour total of 1.98 inches and Chesterfield reported 1.76 inches. Some drier air eased into the western counties on Friday, following a weak frontal boundary. Most of Friday's showers fell east of the Midlands. Summerville reported the heaviest total with 0.80 inches. On Saturday, Greenville, Florence and Edisto Beach all warmed to 88 degrees. Localized rains fell at the Georgetown AP (0.74") and at McClellanville (0.58"). Afternoon humidity values of over 50 percent joined with low 90-degree temperatures to make for a sultry Sunday. Sullivan's Island recorded the state's highest Sunday afternoon shade temperature of 95 degrees. The state average temperature for the seven-day period was near the long-term average.

The highest official temperature reported was 96 degrees at Pinopolis on July 30. The lowest official temperature reported was 59 degrees at Caesars Head on July 29. The heaviest official 24-hour rainfall reported was 2.35 inches at McCormick ending at 7:00 a.m. on August 2. The state average rainfall for the seven-day period was 1.3 inches.

SOIL: 4-inch depth soil temperature: Columbia 82 degrees, Charleston 85 degrees.

RIVERS AND SURF: South Carolina river stages were near to above normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 81 degrees.

Precipitation

Location	Total for Week	Total for 2013	Deviation from Average
Anderson AP	0.01	46.66	20.4
Greer AP	0.09	47.08	18.4
Charlotte, NC AP	0.16	33.58	8.6
Columbia Metro AP	1.69	36.56	9.1
Orangeburg AP	1.07	37.84	9.1
Augusta, GA Bush AP	2.25	40.68	13.5
Florence AP	1.77	42.05	16.1
N Myrtle Beach AP	1.94	37.33	8.5
Charleston AP	1.52	42.11	12.8
Savannah, GA AP	3.67	40.14	11.5

Weekly rainfall totals this period ending midnight Sunday.



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