



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

The majority of the state experienced a week filled with lots of sunshine and no significant rainfall, which allowed most crops to make improvements in condition and yield potential, as well as gave producers the opportunity to catch up on various field activities. Soil moisture ratings were reported at 2% very short, 17% short, 80% adequate and 1% surplus. There was a statewide average of 6.7 days suitable for any fieldwork across South Carolina.

FIELD CROPS

The **CORN** crop was 99% matured. Harvesting activities were able to proceed at a good pace and by the end of the week, 52% of the crop was harvested, still lagging behind last year and the five-year averages, which were 78% and 74%, respectively. **COTTON** bolls were 89% set, compared to 96% set last year and 98% set for the five-year average. With the crop being planted later than usual due to the wet spring and summer, only 13% of the bolls were open by the end of the week, well behind last year and the five-year average percentages of 27% and 36%, respectively. Conditions were 2% very poor, 15% poor, 40% fair, 42% good, and 1% excellent. The overall condition of the **PEANUT** crop improved to 5% poor, 17% fair, 73% good, and 5% excellent, with harvest slated to begin in the next few days depending on favorable weather conditions. **SOYBEANS** were 92% bloomed, slightly ahead of last year's 91%, but still below the five-year average of 97%. The crop remained slightly behind schedule in turning color, with only 3% turned color by the end of the week, compared to last year's 6% and the five-year average of 5%. The overall condition of the crop was 2% very poor, 5% poor, 24% fair, and 69% good. By week's end, 95% of the **TOBACCO** crop was harvested, jumping ahead of both last year's and the five-year averages, which were both 92%.

OTHER ITEMS OF INTEREST

PEACH harvest was 98% complete, compared to 100% last year, and 98% for the five-year average. **LIVESTOCK** conditions for the week were 16% fair, 83% good, and 1% excellent. **PASTURE** conditions were 20% fair, 78% good, and 2% excellent.

Crop Progress for Week Ending September 8, 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	99	100	100	Soybeans, Bloomed	92	91	97
Corn, Harvested	52	78	74	Soybeans, Pods Set	61	72	85
Cotton, Bolls Set	89	96	98	Soybeans, Turned Color	3	6	5
Cotton, Bolls Opened	13	27	36	Tobacco, Harvested	95	92	92
Peaches, Harvested	98	100	98	Tobacco, Stalks Destroyed	42	65	56

Condition for Week Ending September 8, 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	2	4	17	69	8	Pasture	0	0	20	78	2
Cotton	2	15	40	42	1	Peanuts	0	5	17	73	5
Livestock	0	0	16	83	1	Soybeans	2	5	24	69	0

South Carolina Weekly Weather Summary for the Week Ending September 8, 2013

Summer humidity and afternoon temperatures in the 90's were observed on Monday and Tuesday. Monday's maximum temperature at the Georgetown AP and the Charleston AP reached 94 degrees. A frontal boundary affected the state on Tuesday with lines of thunderstorms. Late afternoon storminess produced one-inch diameter hail over parts of Charleston and Colleton counties. Walterboro measured one of the heavier rainfall amounts with 0.95 inches. Other rainfall event totals included 0.75 inches at Allendale, 0.72 inches at Socastee and 0.64 inches at Springfield. Caesars Head reported a Wednesday morning low temperature of 60 degrees. Although the thermometer warmed back to nearly 90 degrees on Thursday, the amount of water vapor in the air made a noticeable retreat. At 2:00 p.m., the Florence Regional AP reported 91 degrees and a relative humidity value of 42 percent. The 24-hour open pan evaporation (water loss) at the Clemson Sandhill Research and Education Center climbed to 0.22 inches. Friday began with Mullins and McCormick cooling to 65 degrees. Light northeast winds made for agreeable shade temperatures peaking at 88 degrees for Clinton and Shaw AFB in Sumter. Saturday morning's sunrise temperatures cooled to 60 degrees at the Rock Hill AP and Union. Bennettsville and the Edisto Beach State Park warmed to 88 degrees under Saturday's mostly sunny skies. McEntire's ANG AP recorded a Sunday morning low temperature of 62 degrees before warming to a 4:00 p.m. temperature of 90 degrees and a relative humidity value of 43 percent. The Columbia Metro AP stretch of 18 consecutive days without measurable rain (August 22-September 8, 2013) is the longest since the 18-day stretch of June 13-30, 2012. The state average temperature for the seven-day period was four degrees above the long-term average.

The highest official temperature reported was 98 degrees at Pinopolis on September 8. The lowest official temperature reported was 58 degrees at Ninety Nine Islands on September 7. The heaviest official 24-hour rainfall reported was 2.08 inches at Charleston City on September 2. The state average rainfall for the seven-day period was 0.3 inches.

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

RIVERS AND SURF: South Carolina river stages were near normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 83 degrees.

Precipitation

Location	Total for Week	Total for 2013	Deviation from Average
Anderson AP	0.28	53.65	23.1
Greer AP	0.02	54.37	20.9
Charlotte, NC AP	0.01	35.47	6.0
Columbia Metro AP	0.00	43.51	10.6
Orangeburg AP	0.16	47.47	13.0
Augusta, GA Bush AP	0.00	45.46	13.7
Florence AP	0.03	46.54	15.0
N Myrtle Beach AP	0.02	40.78	3.4
Charleston AP	1.01	47.07	9.6
Savannah, GA AP	0.53	47.70	11.9

Weekly rainfall totals this period ending midnight Sunday.



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