



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

Issue: SC-CW003513

Released: September 3, 2013 , after 4 pm

Week Ending: September 1, 2013

Cooperating Agencies:

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



GENERAL

A week filled with lots of sunshine and seasonal temperatures enabled producers to make excellent progress in field work and other farm activities. The weather conditions also helped to improve crop conditions, as well as yield potential based on the crops current stage of production. Soil moisture ratings were reported at 3% short, 89% adequate and 8% surplus. There was a statewide average of 6.1 days suitable for any fieldwork across South Carolina.

FIELD CROPS

The **CORN** crop was 97% matured, lagging slightly behind last year and the five-year averages at 100% and 99%, respectively. The hot, dry days allowed producers to pick up the harvesting pace, which was still well behind previous years. By the end of the week, 37% of the crop was harvested, compared to 67% last year, and 56% for the five-year average. **COTTON** bolls were 87% set, compared to 94% set last year and 96% set for the five-year average. By week's end only 7% of the bolls were open, 12 and 13 points behind last year and the five-year average percentages, respectively. Conditions were 4% very poor, 11% poor, 31% fair, 52% good, and 2% excellent. **PEANUT** harvest should begin in the next 10 to 14 days. The crop was able to maintain the same condition levels as were reported the previous week, which were 2% very poor, 7% poor, 18% fair, 66% good, and 7% excellent. **SOYBEANS** were 84% bloomed, still slightly behind both last year and the five-year averages, which were 87% and 94%, respectively. Two percent of the crop had turned color, which is only one point below the averages for this stage of production. The overall condition of the crop improved slightly to 1% very poor, 4% poor, 25% fair, 67% good, and 3% excellent. By week's end, 85% of the **TOBACCO** crop was harvested, compared to 87% last year, and 86% for the five-year average.

OTHER ITEMS OF INTEREST

CANTALOUPE and **WATERMELON** harvest were both complete by week's end. The **PEACH** harvest was 97% complete, compared to 100% last year, and 96% for the five-year average. **HAY** harvest was complete. **LIVESTOCK** conditions for the week improved slightly to 16% fair, 79% good, and 5% excellent. **PASTURE** conditions were 16% fair, 78% good, and 6% excellent.

Crop Progress for Week Ending September 1, 2013

Crop and Stage	2013	2012	5-Yr Avg	Crop and Stage	2013	2012	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cantaloup, Harvested	100	100	100	Soybeans, Bloomed	84	87	94
Corn, Matured	97	100	99	Soybeans, Pods Set	40	60	77
Corn, Harvested	37	67	56	Soybeans, Turned Color	2	3	3
Cotton, Bolls Set	87	94	96	Tobacco, Harvested	85	87	86
Cotton, Bolls Opened	7	19	20	Tobacco, Stalks Destroyed	40	60	47
Hay, Other Hay, Harvested	100	99	99	Watermelons, Harvested	100	100	100
Peaches, Harvested	97	100	96				

Condition for Week Ending September 1, 2013

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>
Corn	0	1	15	63	21	Pasture	0	0	16	78	6
Cotton	4	11	31	52	2	Peanuts	2	7	18	66	7
Livestock	0	0	16	79	5	Soybeans	1	4	25	67	3

South Carolina Weekly Weather Summary for the Week Ending September 1, 2013

Sunrise temperatures at the start of the week fell to 55 degrees at Ninety-Nine Islands and at Rock Hill. At 10:00 a.m., the airports at Clemson, Greenville and Greenwood all reported a barometric pressure value of 30.34 inches of mercury. Dry, warm weather was observed on Tuesday. At 1:00 p.m., Columbia and Charleston reported 86 degrees. Wednesday's high temperature at Conway climbed to 93 degrees. Hot weather on Thursday pushed the thermometer's reading to 95 degrees at Hartsville, Orangeburg and Charleston. The season opener college football game between the University of North Carolina and the University of South Carolina was delayed for nearly two hours when a 9:00 p.m. localized thunderstorm produced rainfall rates of 0.71 inches in 21 minutes, northeast winds gusting to 35 mph and frequent cloud to ground lightning at nearby Hamilton-Owens airport. Almost stationary thundershowers on Friday produced heavy rains for parts of Oconee, Pickens and Anderson counties. The Table Rock State Park measured a two-calendar day total of 3.12 inches of rain. Pinopolis reported the state's highest temperature on a mostly sunny Saturday with 96 degrees. Widely-spaced storm cells left 1.51 inches of rain at Long Creek and 1.16 inches at the Greenville-Spartanburg AP. August 2013 rainfall totals ranged from Table Rock's 17.81 inches to Ninety-Nine Islands 0.57 inches. The afternoon high temperature on September 1 for Sandhill, Sullivan's Island and the Georgetown AP was a humid 94 degrees. The state average temperature for the seven-day period was near the long-term average.

The highest official temperature reported was 97 degrees at Barnwell on August 29. The lowest official temperature reported was 53 degrees at Cedar Creek on August 26. The heaviest official 24-hour rainfall reported was 2.72 inches at Walhalla ending at 7:00 a.m. on August 31. The state average rainfall for the seven-day period was 0.4 inches.

SOIL: 4-inch depth soil temperature: Columbia 80 degrees, Charleston 83 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	1.31	53.37	23.7
Greer AP	1.16	54.35	21.7
Charlotte, NC AP	0.32	35.46	6.8
Columbia Metro AP	0.00	43.51	11.5
Orangeburg AP	0.00	47.31	13.9
Augusta, GA Bush AP	0.14	45.46	14.5
Florence AP	1.91	46.51	15.9
N Myrtle Beach AP	0.00	40.76	5.2
Charleston AP	0.00	46.06	10.2
Savannah, GA AP	0.00	47.17	12.6

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