



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 week was much drier for most of the state; however overcast mornings and scattered afternoon showers caused soils to remain too wet for producers to make as much progress with field activities as they would have liked. Soil moisture ratings were reported at 73% adequate and 27% surplus. There was a statewide average of 5.6 days were suitable for any fieldwork across South Carolina.

FIELD CROPS

By the end of the week, the entire **CORN** crop had silked. Ninety-two percent of the crop had doughed, slightly behind last year's average of 97% but slightly ahead of the 5-year average of 89%. Some **COTTON** fields are still too wet for fertilizer and pest control treatments. Eighty-six percent of the crop had squared compared to 92% last year and 91% for the five-year average. Bolls setting continued to lag behind with 26% set compared to 48% and 46% for last year and the five-year average, respectively. **OAT** harvest was complete. **PEANUTS** growers are struggling to make fungicide applications due to the saturated soils. They were 82% pegged, compared to 89% for both last year and the five-year average. **SOYBEAN** planting continued at a snail's pace due to the wet soils, which also caused delays in the harvesting of small grains that are normally double cropped with soybeans. By the end of the week, 97% of the crop was planted, which would normally be completed by this date. The overall condition of the crop was 2% very poor, 8% poor, 27% fair, 59% good, and 4% excellent. A much drier week allowed **TOBACCO** producers to proceed with harvesting activities at a much faster pace. By week's end 36% of the crop was harvested, compared to 43% last year, and 41% for the five-year average. The conditions to decline slightly to 10% very poor, 13% poor, 24% fair, 52% good, and 1% excellent. **RYE** and **WINTER WHEAT** harvests were 95% and 97% complete, respectively, by the end of the week compared to 100% for both last year and the five-year average.

OTHER ITEMS OF INTEREST

MELON harvests continued to lag behind average for this time of year. The **PEACH** harvest was 69% complete, compared to 90% last year, and 74% for the five-year average. **HAY** harvest was 91% percent complete. **LIVESTOCK** conditions for the week were 19% fair, 79% good, and 2% excellent. **PASTURE** conditions were 23% fair, 64% good, and 13% excellent.

Crop Progress for Week Ending July 28, 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	85	92	90	Rye, Harvested	95	100	100
Corn, Silked	100	100	100	Snapbeans, Fresh, Harvested	90	96	98
Corn, Doughed	92	97	89	Soybeans, Planted	97	100	100
Corn, Matured	27	61	37	Soybeans, Emerged	92	100	100
Cotton, Squared	86	92	91	Soybeans, Bloomed	22	38	43
Cotton, Bolls Set	26	48	46	Tobacco, Topped	88	97	98
Cucumbers, Fresh, Harvested	86	100	100	Tobacco, Harvested	36	43	41
Hay, Other Hay, Harvested	91	83	84	Tomatoes, Fresh, Harvested	98	98	98
Oats, Harvested	100	100	100	Watermelons, Harvested	90	91	92
Peaches, Harvested	69	90	74	Winter Wheat, Harvested	97	100	100
Peanuts, Pegged	82	89	89				

Condition for Week Ending July 28, 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	1	1	18	68	12	Peanuts	2	7	25	62	4
Cotton	5	12	31	51	1	Soybeans	2	8	27	59	4
Livestock	0	0	19	79	2	Tobacco	10	13	24	52	1
Pasture	0	0	23	64	13						

South Carolina Weekly Weather Summary for the Week Ending July 28, 2013

A parcel of drier air entered the state on Monday. West winds helped the Georgetown and Charleston airports warm to 90 degrees. The Columbia Metro and Florence airports reached 92 degrees on Tuesday. Very isolated convection developed on Wednesday causing a few localized heavy rains. Chester received 1.15 inches and Rock Hill measured 0.96 inches. Unseasonably cool air visited the state on Thursday morning. Table Rock and Walhalla reported 65 degrees. Marion, Cheraw and Saluda cooled to 69 degrees. Interior sections enjoyed pleasant, late-July weather, while the mountains and coastal plain observed passing showers. The Friday morning low temperature at Darlington and Sumter fell to 68 degrees. More tropical air returned for the start of the weekend with numerous downpours. On Saturday morning, Pickens had received a 24-hour rainfall total of 1.95 inches. Torrential rains fell over Florence County on Saturday evening. Between 8:53 p.m. and 9:53 p.m., the Florence Regional AP measured 2.00 inches of a 4.10-inch total. An observer at nearby Evergreen measured 3.96 inches in two hours. There was extensive roadway flooding throughout the county. The Florence Regional AP July 2013, 28-day total of 13.17 inches became the second heaviest amount of record behind the 13.68 inches that fell during the entire month of July 1959. Other heavy rains on Saturday included 2.84 inches at the Kings Mt. State Park, 1.85 inches at Pageland and 1.72 inches at Bishopville. Most of South Carolina reported a partly sunny Sunday afternoon with temperatures in the upper 80's and lower 90's. The Greenville-Spartanburg AP Sunday high temperature of 87 degrees was a full 11 degrees cooler than on the same date in 2012. The state average temperature for the seven-day period was near the long-term average.

The highest official temperature reported was 94 degrees at Charleston AP on July 25. The lowest official temperature reported was 61 degrees at Caesars Head on July 28. The heaviest official 24-hour rainfall reported was 4.54 inches at Caesars Head ending at 7:00 a.m. on July 27. The state average rainfall for the seven-day period was 1.1 inches.

SOIL: 4-inch depth soil temperature: Columbia 82 degrees, Charleston 83 degrees.

RIVERS AND SURF: South Carolina river stages were above 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	2.00	46.65	21.2
Greer AP	0.83	46.99	19.5
Charlotte, NC AP	1.44	33.42	9.5
Columbia Metro AP	0.14	34.87	8.8
Orangeburg AP	1.19	36.77	9.2
Augusta, GA Bush AP	0.78	38.43	12.3
Florence AP	4.50	40.28	15.6
N Myrtle Beach AP	0.01	35.39	8.0
Charleston AP	0.18	40.59	12.7
Savannah, GA AP	1.16	36.57	9.4

Weekly rainfall totals this period ending midnight Sunday.



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