



South Carolina

Weekly Weather and Crop Progress Report

Cooperating with Clemson University
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Clemson University
SC State Climatology Office
Farm Service Agency



GENERAL

Intense, isolated thunderstorms were observed in several areas of South Carolina again this past week. Above average temperatures were also reported. Some areas of the State had begun to dry out but precipitation has been continuous for other areas which remains problematic. South Carolina's soil moisture ratings were 13% short, 71% adequate, and 16% surplus. There was a statewide average of 5.5 days that were suitable for field work.

FIELD CROPS

CORN had just begun to dough and 42% of the corn crop had tasseled. Conditions were reported at 1% poor, 15% fair, 72% good, and 12% excellent. **TOBACCO** conditions improved slightly this past week and 10% of the crop had been topped. Ninety-eight percent of **WINTER WHEAT** had ripened but farmers continued to report difficulties getting wheat out of wet fields, therefore keeping the wheat harvest behind schedule. Much like winter wheat, nearly all of the **OATS** were reported ripe and harvested oats struggled to catch up with historical averages. All **GRAIN HAY** had been reported harvested for the year. Ninety-seven percent of **COTTON** had been planted and the crop had just begun to square. Conditions remained mostly unchanged from the previous week. **SOYBEAN** planting still remained somewhat behind schedule for this time of year. Fifty-six percent of the crop had emerged. **PEANUT** planting had nearly completed for the year and the crop had just begun to peg.

OTHER ITEMS OF INTEREST

LIVESTOCK conditions were reported at 1% poor, 17% fair, 79% good, and 3% excellent. **PASTURE** conditions remained mostly good, however some observers in Chester County noted widespread occurrences of fire ants which have caused problems for pastures in that area. One-third of the **CUCUMBER** crop had been harvested which remains behind the five year average. **TOMATO** harvesting continued at a steady pace. Conditions remained mostly good for the crop. **WATERMELONS** had just begun to be harvested and conditions were reported at 1% poor, 36% fair, and 63% good. Thirteen percent of **PEACHES** had been harvested. Peach growers in Allendale County had reported pollination problems which led to reduced yields from earlier expectations. Nearly the entire **CANTALOUPE** crop had been planted for the year. Harvesting continued at a steady pace.

Crop Progress for Week Ending June 14, 2009

Crop and Stage	2009	2008	5-Yr Avg	Crop and Stage	2009	2008	5-Yr Avg
	Percent	Percent	Percent		Percent	Percent	Percent
Cantaloup, Planted	99	100	100	Peanuts, Planted	99	99	98
Cantaloup, Harvested	6	5	8	Peanuts, Pegged	3	5	6
Corn, Silked	42	40	41	Snapbeans, Fresh, Harvested	45	45	40
Corn, Doughed	5	3	3	Soybeans, Planted	70	78	75
Cotton, Planted	97	99	99	Soybeans, Emerged	56	60	61
Cotton, Squared	4	7	14	Tobacco, Topped	10	7	9
Cucumbers, Fresh, Harvested	33	55	57	Tomatoes, Fresh, Harvested	19	18	15
Hay, Grain Hay, Harvested	100	99	96	Watermelons, Harvested	4	3	4
Oats, Ripe	99	96	92	Winter Wheat, Ripe	98	96	93
Oats, Harvested	52	76	61	Winter Wheat, Harvested	37	61	57
Peaches, Harvested	13	21	16				

Condition for Week Ending June 14, 2009

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent
Cantaloup	0	5	45	50	0	Peaches	0	6	28	66	0
Corn	0	1	15	72	12	Peanuts	0	0	29	70	1
Cotton	1	2	35	58	4	Snapbeans	0	0	30	70	0
Cucumbers	0	0	37	46	17	Soybeans	0	0	21	77	2
Hay	2	3	21	71	3	Tobacco	1	2	26	67	4
Livestock	0	1	17	79	3	Tomatoes	0	0	21	74	5
Oats	0	2	19	76	3	Watermelons	0	1	36	63	0
Pasture	0	1	26	72	1	Winter Wheat	3	3	24	68	2

South Carolina Weekly Weather Summary for the Week Ending June 14, 2009

Thunderstorm activity increased during the work week and usually followed the peak heating of the day. Wednesday's storm event over the Columbia Airport included a rainfall intensity rate of 0.76 inches in seven minutes. On that same day, it was 95 degrees in Manning, Givhans and Pritchardville. The Pineville anemometer measured winds gusting to 59 mph. Violent storms developed Thursday evening beneath 55,000 foot-high thunder clouds. Radar indicated convective cells moving east at 55 mph across the Upstate. At 4:45 p.m., the Greer NWS office registered a peak wind of 76 mph. Funnel clouds were seen in Berkeley, Dorchester, Charleston and Sumter counties. High winds and frequent cloud to ground lightning were blamed for power disruptions and property damage. On Friday, much of the Lowcountry experienced middle 90-degree heat and high humidity values. At 5:50 p.m., an isolated storm over Eadytown produced a wind gust of 69 mph. The Ft. Moultrie rain gage received 2.00 inches of rain. The Hilton Head AP measured a violent wind of 92 mph during an apparent downburst at an estimated time of 10:45 p.m., Friday night. There were widespread reports of downed trees within Beaufort County. Most of the state observed seasonal weather over the weekend with afternoon high temperatures close to 90 degrees and early morning temperatures near 70 degrees. Storm coverage was described as isolated on both Saturday and Sunday. The state average temperature for the period was three degrees above normal.

The highest official temperature reported was 96 degrees at Lake Wateree on June 9 and at Givhans on June 14. The lowest official temperature reported was 60 degrees at Caesars Heads on June 12. The heaviest 24-hour rainfall reported was 2.28 inches at Gallivants Ferry ending at 7:00 a.m. on June 10. The state average rainfall for the period was 0.8 inches.

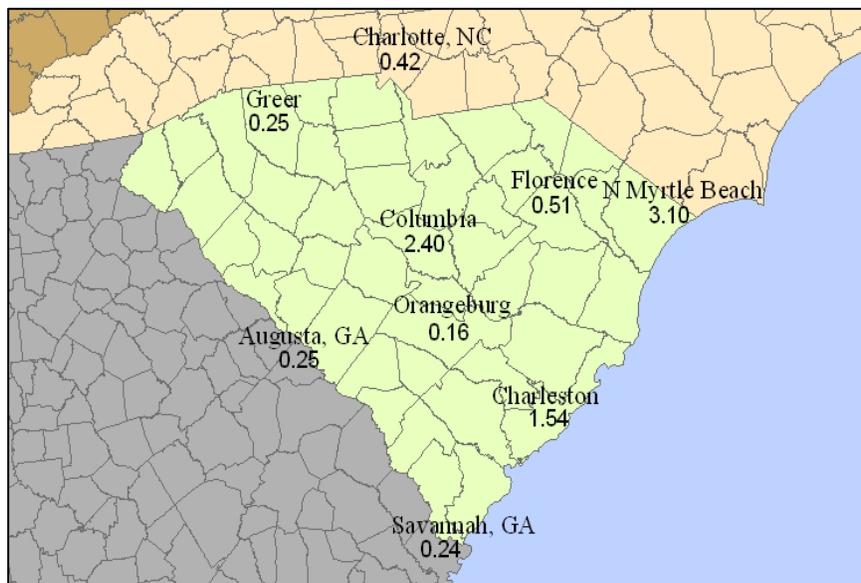
SOIL: 4-inch depth soil temperature: Columbia 79 degrees, Charleston 83 degrees.

RIVERS AND SURF: South Carolina river stages were near to above normal. Ocean water temperatures at the Edisto Buoy were reported at 81 degrees.

Precipitation

Location	Total for Week	Total for 2009	Deviation from Average
Greer	0.25	23.33	-0.6
Columbia	2.40	19.03	-2.4
Orangeburg	0.16	21.65	0.2
Charlotte, NC	0.42	23.70	3.5
Augusta, GA	0.25	20.85	-0.3
Florence	0.51	16.19	-2.9
N Myrtle Beach	3.10	15.97	-1.7
Charleston	1.54	19.96	-0.3
Savannah, GA	0.24	26.45	6.6

Weekly rainfall totals this period ending midnight Sunday.



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