



South Carolina

Weekly Weather and Crop Progress Report

Cooperating with Clemson University
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Clemson University
SC State Climatology Office
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GENERAL

Isolated thunderstorms produced significant amounts of rainfall this past week for Florence as well as a few other spotted areas of the State. The rest of South Carolina saw mostly hot, dry weather conditions for a greater part of the week which put stress on some growing crops. Due to drier conditions for several areas, many farmers were finally able to harvest small grains after a long wait. South Carolina's soil moisture ratings were 2% very short, 11% short, 82% adequate, and 5% surplus. Sunnier skies provided a statewide average of 5.9 days that were suitable for field work.

FIELD CROPS

Seventy-three percent of the **CORN** crop had tasseled which is seven points ahead of the five-year average. Corn continued to dough at a rapid pace as well. Conditions remain mostly good and were reported at 1% poor, 15% fair, 72% good, and 12% excellent. **TOBACCO** conditions continued to improve somewhat this past week. Thirty-nine percent of the crop had been topped, which is significantly ahead of historical averages for this time of year. All of **WINTER WHEAT** and **OATS** had ripened for the year. In the drier areas of the State, farmers harvested wheat and oats at a rapid pace. However, areas that received substantial rainfall and thunderstorms continue to experience problems with grains lodging as well as getting the crop out of wet fields. Nearly the entire **COTTON** crop had been planted and the crop continued to square at a steady pace. Conditions improved somewhat for cotton this past week. **SOYBEAN** planting made substantial gains, catching up with historical averages for this time of year. Sixty-seven percent of the crop had emerged. **PEANUT** planting had completed for the year and 13% of the crop had pegged.

OTHER ITEMS OF INTEREST

LIVESTOCK conditions were reported at 24% fair, 74% good, and 2% excellent. **PASTURE** conditions remained mostly good. Sixty-one percent of **CUCUMBERS** had been harvested which continues to lag behind schedule. Thirty-eight percent of **TOMATOES** had been harvested. Conditions remained mostly good for the crop. **WATERMELONS** continued to be harvested. Some growers have reported Gummy Stem Blight in their fields due to the warm, wet weather. Twenty percent of **PEACHES** had been harvested. Peach growers in Allendale County continue to report reduced yields due to pollination problems. The State's entire **CANTALOUPE** crop had been planted for the year. Harvesting continued at a steady pace.

Crop Progress for Week Ending June 21, 2009

Crop and Stage	2009	2008	5-Yr Avg	Crop and Stage	2009	2008	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cantaloup, Planted	100	100	100	Peanuts, Planted	100	100	99
Cantaloup, Harvested	20	26	26	Peanuts, Pegged	13	11	14
Corn, Silked	73	59	66	Snapbeans, Fresh, Harvested	65	70	62
Corn, Doughed	16	7	11	Soybeans, Planted	85	85	85
Cotton, Planted	99	100	100	Soybeans, Emerged	67	70	72
Cotton, Squared	18	14	25	Tobacco, Topped	39	14	21
Cucumbers, Fresh, Harvested	61	81	81	Tomatoes, Fresh, Harvested	38	37	34
Oats, Ripe	100	100	97	Watermelons, Harvested	14	14	13
Oats, Harvested	78	89	79	Winter Wheat, Ripe	100	100	98
Peaches, Harvested	20	26	21	Winter Wheat, Harvested	68	84	79

Condition for Week Ending June 21, 2009

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>
Cantaloup	0	6	50	43	1	Peaches	0	5	13	82	0
Corn	0	1	15	72	12	Peanuts	0	0	24	75	1
Cotton	1	2	26	66	5	Snapbeans	0	0	20	55	25
Cucumbers	0	15	27	58	0	Soybeans	0	1	10	86	3
Hay	0	4	26	67	3	Tobacco	1	4	20	71	4
Livestock	0	0	24	74	2	Tomatoes	0	1	20	76	3
Oats	0	1	24	73	2	Watermelons	0	2	43	55	0
Pasture	0	0	25	73	2	Winter Wheat	1	11	31	56	1

South Carolina Weekly Weather Summary for the Week Ending June 21, 2009

On Monday, heavy rains fell over the city of Florence and caused widespread street flooding. Nearly two and a half inches of rain fell at both Quinby and Hartsville. Southward moving storms on Tuesday produced episodes of violent weather. At 7:55 p.m., McEntire ANG AP was raked by winds gusting to 68 mph. Cloud tops, rising nearly 12 miles high, contributed to updrafts and hail formation described as "baseball-sized" (2.75-inch diameter) which fell at Piedmont in Greenville County. The hail path bombarded the community of Cornwall in Chester County with 2.50-inch diameter stones. Rainfall amounts of two inches or more were reported at Longtown, Winnsboro and Andrews. For most of Wednesday, cloudy skies and northeast winds kept temperatures over the northern counties nearly ten degrees cooler than those over the Lowcountry. At 1:30 a.m. Thursday morning, Lake Thurmond instruments recorded a thunderstorm wind gust of 53 mph. Keowee Dam measured 1.93 inches of rain for the 24-hours ending at 7:00 a.m. Thursday morning. A trajectory of northwest to southeast moving thunderstorms continued through Thursday night. Hot weather dominated the Friday and Saturday period with maximum temperatures in the middle to upper 90's. Manning, Bamberg, Johnston and Barnwell baked under a 98 degree shade temperature Friday afternoon. On Saturday, the last official day of spring, Clemson and Pickens reported high temperatures of 97 degrees. A few lone and passing showers were observed Sunday across the western counties and along the Savannah River. The state average temperature for the period was three degrees above normal.

The highest official temperature reported was 99 degrees at Sandy Run and Johnston on June 20. The lowest official temperature reported was 62 degrees at Caesars Head on June 17. The heaviest 24-hour rainfall reported was 2.71 inches at Florence AP ending at 7:00 a.m. on June 16. The state average rainfall for the period was 0.9 inches.

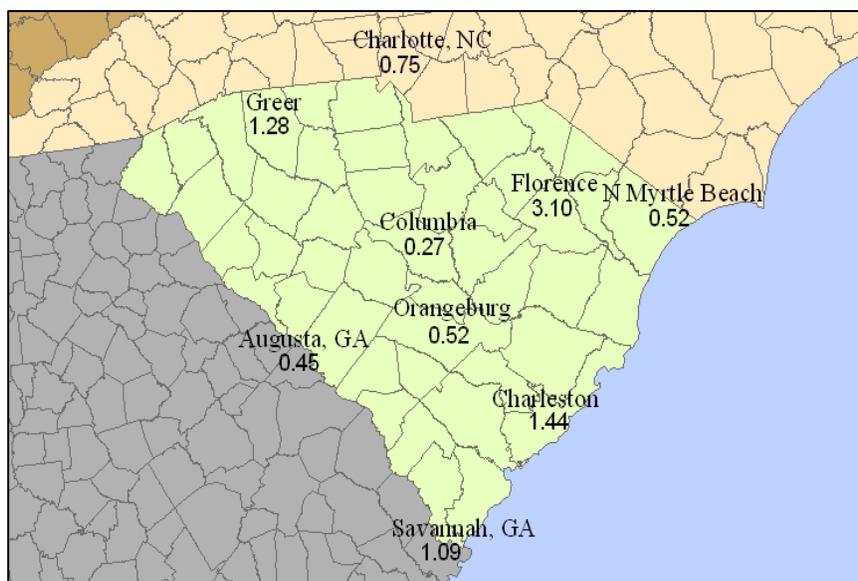
SOIL: 4-inch depth soil temperature: Columbia 83 degrees, Charleston 85 degrees.

RIVERS AND SURF: South Carolina river stages were near normal. Ocean water temperatures at the Edisto Buoy were reported at 83 degrees.

Precipitation

Location	Total for Week	Total for 2009	Deviation from Average
Greer	1.28	24.61	-0.2
Columbia	0.27	19.30	-3.3
Orangeburg	0.52	22.17	-0.4
Charlotte, NC	0.75	24.45	3.5
Augusta, GA	0.45	21.30	-0.9
Florence	3.10	19.29	-0.8
N Myrtle Beach	0.52	16.49	-2.0
Charleston	1.44	21.40	-0.3
Savannah, GA	1.09	27.54	6.4

Weekly rainfall totals this period ending midnight Sunday.



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