



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

South Carolina farmers welcomed the cooler temperatures and scattered thundershowers for the week ending July 4th. Precipitation improved the condition and yield potential of many summer crops, however many growers still needed continual rain to make up the deficit. Those not fortunate enough to receive substantial amounts of rain continued to report dire conditions. South Carolina's soil moisture levels improved and were reported as 12% very short, 37% short, 49% adequate and 2% surplus. There was an average of 6.3 days that were suitable for field work.

FIELD CROPS

Nearly the entire **CORN** crop had silked and 54% had doughed by the week's end. Corn had just begun to mature. Some of the corn that had started to stunt or had been waiting on moisture to continue developing showed vast improvement. Unfortunately, some fields were too far gone to have received any benefit from rain. Conditions were reportedly 8% very poor, 12% poor, 40% fair, 38% good and 2% excellent. Fifty-five percent of **COTTON** had squared and 7% of the crop had set bolls, ahead of historical numbers. Cotton conditions were mostly unchanged. Over half of **PEANUTS** had pegged. Peanuts improved somewhat, remaining in mostly fair to good condition. **SOYBEAN** planting is nearly done for the season. Ten percent of soybeans had bloomed by week's end. Soybean conditions showed some slight signs of improvement and were reported at 1% very poor, 7% poor, 42% fair, 47% good and 3% excellent. Eighty-five percent of **TOBACCO** had been topped remaining well ahead of the five-year average. Fifteen percent had been harvested. Tobacco conditions were reportedly 1% very poor, 2% poor, 18% fair, 69% good and 10% excellent. Nearly all **OATS** had been harvested and the **WINTER WHEAT** harvest was reportedly complete for the season.

OTHER ITEMS OF INTEREST

Cooler temperatures helped to relieve **LIVESTOCK**. Conditions were 1% poor, 29% fair and 70% good. The thundershowers restored some green **PASTURES** and improved conditions which were reportedly 2% very poor, 9% poor, 43% fair, 45% good and 1% excellent. **TOMATO** and **CUCUMBER** harvesting continued to progress well, with 72% and 96% harvested, respectively. **SNAPBEANS** harvested still remained behind average. **MELON** harvesting continued to progress ahead of schedule. Sixty-two percent of watermelons and 60% of cantaloupes had been harvested. Thirty-nine percent of **PEACHES** had been harvested. Some growers in drier areas reported problems with sizing peaches. Conditions were reportedly 1% poor, 11% fair, 78% good and 10% excellent.

Crop Progress for Week Ending July 4, 2010

Crop and Stage	2010	2009	5-Yr Avg	Crop and Stage	2010	2009	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cantaloup, Harvested	60	58	57	Peanuts, Pegged	52	47	44
Corn, Silked	97	98	92	Snapbeans, Fresh, Harvested	70	87	85
Corn, Doughed	54	33	36	Soybeans, Planted	99	99	98
Corn, Matured	1	0	0	Soybeans, Emerged	93	91	90
Cotton, Squared	55	46	47	Soybeans, Bloomed	10	3	6
Cotton, Bolls Set	7	0	3	Tobacco, Topped	85	73	56
Cucumbers, Fresh, Harvested	96	95	95	Tobacco, Harvested	15	9	4
Hay, Other Hay, Harvested	38	30	27	Tomatoes, Fresh, Harvested	72	72	68
Oats, Harvested	99	100	96	Watermelons, Harvested	62	45	45
Peaches, Harvested	39	37	35	Winter Wheat, Harvested	100	98	97

Condition for Week Ending July 4, 2010

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	4	25	65	6	Peaches	0	1	11	78	10
Corn	8	12	40	38	2	Peanuts	0	3	30	64	3
Cotton	0	4	38	52	6	Soybeans	1	7	42	47	3
Hay	0	4	28	66	2	Tobacco	1	2	18	69	10
Livestock	0	1	29	70	0	Watermelons	0	3	31	60	6
Pasture	2	9	43	45	1						

South Carolina Weekly Weather Summary for the Week Ending July 4, 2010

Towering cumulonimbus clouds produced strong thunderstorms Monday afternoon over Aiken and McCormick counties. National Weather Service instruments at Lake Thurmond measured winds gusting to 50 mph at 4:40 p.m. and the city of Aiken received 2.51 inches of rain. Heavy rains accompanied early afternoon storms on Tuesday across the Upstate. Laurens measured 3.80 inches of rain and Sandy Springs reported 3.38 inches. Johnston recorded 98 degrees on Tuesday. Daily downpours continued on Wednesday with Hartsville receiving 2.41 inches and Gallivants Ferry 2.34 inches. At the end of June, Florence totaled 9.26 inches of rain while Santuck recorded only 0.99 inches. Columbia's June average temperature of 83.7 degrees tied the 1952 June average for warmest on record. Charleston set a new June record average temperature of 83.4 degrees besting the 1998 average of 82.8. On Thursday, an unseasonable continental-sourced air mass entered the state. Friday arrived with bright blue skies and noticeably fresh air complimenting early morning temperatures in the 60's. Temperatures on Saturday peaked in the 80's for most of the state. Florence established a date record low temperature of 60 degrees on Sunday, July 4 as did Charleston with 61 degrees. The state average temperature for the seven-day period was one degree below normal.

The highest official temperature reported was 100 degrees at the Marlboro County Jetport and Clinton on June 28 and at Clinton on June 29. The lowest official temperature reported was 55 degrees at Barnwell and Conway on July 4. The heaviest official 24-hour rainfall reported was 3.84 inches at Anderson Airport ending at 7:00 a.m. on June 30. The state average rainfall for the period was 1.2 inches.

SOIL: 4-inch depth soil temperature: Columbia 81 degrees, Charleston 83 degrees.

RIVERS AND SURF: South Carolina river stages were near to below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 81 degrees.

Precipitation

Location	Total for Week	Total for 2010	Deviation from Average
Greer	0.07	21.65	-4.9
Anderson	3.85	23.95	-0.9
Columbia	1.46	15.70	-9.3
Orangeburg	3.73	20.80	-4.2
Charlotte, NC	0.09	20.74	-1.7
Augusta, GA	0.63	15.71	-8.3
Florence	1.01	22.27	0.2
N Myrtle Beach	1.00	15.15	-5.2
Charleston	2.47	27.22	2.9
Savannah, GA	0.36	23.36	-0.3

Weekly rainfall totals this period ending midnight Sunday.



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