



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

Beneficial rain fell over much of South Carolina this past week, bringing some much needed relief to very dry conditions. Cooler weather and precipitation improved the conditions of several crops. More rainfall is needed, however, to prevent any further loss of yield potential. South Carolina's soil moisture ratings improved and were 4% very short, 38% short, 57% adequate, and 1% surplus. There was a statewide average of 6.0 days that were suitable for field work.

FIELD CROPS

CORN had completed tasseling and 3% of the crop had matured this past week. The hot, dry weather from previous weeks had caused the corn crop to turn from a potentially great year to a mediocre year with yields reduced substantially for some farmers. Later planted corn may fair better if rain continues to fall. Conditions were reported at 1% very poor, 7% poor, 44% fair, 43% good and 5% excellent. Ninety percent of **TOBACCO** had been topped and producers continued harvesting at a rapid pace. Tobacco conditions improved this past week and were reported at 2% poor, 31% fair, 58% good, and 9% excellent. **COTTON** had just started setting bolls and 70% of the crop had squared. Cotton conditions improved slightly and were reported at 44% fair, 55% good, and 1% excellent. All **SOYBEANS** had been planted for 2009 while 6% of the crop had bloomed and 1% was starting to set pods. Conditions were 2% poor, 44% fair and 54% good. Sixty-seven percent of **PEANUTS** had pegged. Like several other crops, peanut conditions began seeing signs of improvement this past week.

OTHER ITEMS OF INTEREST

LIVESTOCK conditions were mostly unchanged from the previous week and were 2% poor, 22% fair, 75% good, and 1% excellent. **PASTURES** continued to struggle and conditions were reported 8% poor, 43% fair, and 49% good. Growers had harvested nearly all **CUCUMBERS**. **TOMATOES** harvesting is quickly wrapping up. **WATERMELON** and **CANTALOUPE** harvesting continued at a steady pace. Half of the **PEACH** crop had been harvested. Conditions for the crop improved and were reported 4% poor, 28% fair, and 68% good.

Crop Progress for Week Ending July 12, 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, Harvested	72	70	77	Snapbeans, Fresh, Harvested	95	94	94
Corn, Silked	100	94	97	Soybeans, Planted	100	100	100
Corn, Doughed	60	47	58	Soybeans, Emerged	98	90	96
Corn, Matured	3	0	2	Soybeans, Bloomed	6	10	15
Cotton, Squared	70	55	67	Soybeans, Pods Set	1	2	3
Cotton, Bolls Set	9	11	14	Tobacco, Topped	90	59	75
Cucumbers, Fresh, Harvested	99	100	99	Tobacco, Harvested	18	10	10
Hay, Other Hay, Harvested	60	47	50	Tomatoes, Fresh, Harvested	89	78	83
Peaches, Harvested	50	45	46	Watermelons, Harvested	68	64	66
Peanuts, Pegged	67	56	61				

Condition for Week Ending July 12, 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	5	57	32	6	Peaches	0	4	28	68	0
Corn	1	7	44	43	5	Peanuts	0	1	42	57	0
Cotton	0	0	44	55	1	Soybeans	0	2	44	54	0
Hay	1	7	33	58	1	Tobacco	0	2	31	58	9
Livestock	0	2	22	75	1	Watermelons	0	1	54	45	0
Pasture	0	8	43	49	0						

South Carolina Weekly Weather Summary for the Week Ending July 12, 2009

Hot and humid conditions helped with the formation of Monday's afternoon scattered thunderstorms over central and eastern counties. Manning received 3.62 inches of rain and Cades measured 3.17 inches. A nearly stationary boundary meandered across the State into Wednesday with heavy rains focusing from the central Savannah River over to North Charleston. Intense, tropical-type downpours flooded parts of Charleston County on Wednesday. A cooling air mass began to affect the state late Thursday. Caesars Head only warmed to 71 degrees, then cooled to 59 degrees on Friday morning. Afternoon high temperatures settled back into the 80's for much of South Carolina through Saturday. Sunrise temperatures on Saturday morning were noticeably cooler with most sites reporting temperatures in the 60's. Both Ft. Moultrie and Jamestown recorded morning lows of 64 degrees. Summer weather returned on Sunday with full sun and temperatures peaking in the 90's. The state average temperature for the period was two degrees below normal.

The highest official temperature reported was 96 degrees at Camden on July 12. The lowest official temperature reported was 57 degrees at Walhalla Hatchery (Jocassee) on July 11. The heaviest 24-hour rainfall reported was 4.15 inches at Charleston AP on July 8. The state average rainfall for the period was 1.5 inches.

SOIL: 4-inch depth soil temperature: Columbia 84 degrees, Charleston 84 degrees.

RIVERS AND SURF: South Carolina river stages were near normal. Ocean water temperatures at the Edisto Buoy were reported at 82 degrees.

Precipitation

Location	Total for Week	Total for 2009	Deviation from Average
Greer	0.38	25.11	-2.7
Columbia	0.66	20.03	-6.4
Orangeburg	1.84	26.22	-0.2
Charlotte, NC	1.82	26.47	3.1
Augusta, GA	0.87	23.19	-1.8
Florence	2.79	22.22	-1.2
N Myrtle Beach	1.05	17.94	-3.7
Charleston	4.69	26.97	1.1
Savannah, GA	1.80	29.70	4.5

Weekly rainfall totals this period ending midnight Sunday.



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