



# South Carolina Weekly Weather and Crop Progress Report

Cooperating with Clemson University  
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**Issue:** SC-CW002612  
**Released:** June 25, 2012 , after 4 pm  
**Week Ending:** June 24, 2012  
**Cooperating Agencies:**  
Clemson University  
SC State Climatology Office  
Farm Service Agency



## GENERAL

The official start to summer was observed during the week ending June 24, 2012. Typical summer weather patterns were present with temperatures reaching the mid-nineties during the day and the sixties at night. Very little rainfall was observed during the week. A few isolated showers fell around the Orangeburg area but most farm operators across the State reported little to no rain. Field crops and pastures began to show signs of stress due to the heat and lack of precipitation. Soil moisture conditions dropped to 4% very short, 29% short, 66% adequate and 1% surplus. The State average rainfall for the period was 0.3 inches. The State average temperature for the period was near normal with 6.3 days suitable for fieldwork.

## FIELD CROPS

Eighty-nine percent of **CORN** had silked and the 38% of the crop had doughed by the end of the week. Conditions declined slightly to 3% poor, 22% fair, 61% good and 14% excellent. **COTTON** planting was 99% completed by the end of the week and 23% of the crop had squared. Conditions were favorable at 2% poor, 19% fair, 73% good and 6% excellent. All **PEANUTS** were planted with 10% pegged. Conditions were 1% poor, 23% fair, 73% good and 6% excellent. **SOYBEANS** were 90% planted and 73% emerged by the end of the week. Conditions were 2% poor, 17% fair, 78% good and 3% excellent. Ninety-seven percent of **OATS** and 93% of **WINTER WHEAT** were harvested. **TOBACCO** was 38% topped, 11 points behind last year but consistent with the five year average. Conditions declined to 3% poor, 23% fair, 68% good and 6% excellent. All **HAY** had been harvested.

## OTHER ITEMS OF INTEREST

**PEACH** harvest continued with 48% harvested by the end of the week, nine points ahead of last year. Conditions improved to 1% poor, 19% fair, 75% good and 5% excellent. **PASTURE** conditions declined to 6% poor, 37% fair, 54% good and 3% excellent. **LIVESTOCK** conditions also declined to 1% poor, 26% fair, 72% good and 1% excellent. Sixty percent of **TOMATOES** had been harvested, 6 points ahead of last year. **WATERMELON** and **CANTALOUPE** harvest continued with 27% and 28% harvested respectively. Seventy-one percent of **CUCUMBERS** had been harvested, 11 points behind the five year average. The **SNAPBEAN** harvest was 62% complete, 3 points ahead of last year.

### Crop Progress for Week Ending June 24, 2012

Crop and Stage	2012	2011	5-Yr Avg	Crop and Stage	2012	2011	5-Yr Avg
	Percent	Percent	Percent		Percent	Percent	Percent
Cantaloup, Harvested	28	38	37	Peanuts, Planted	100	100	100
Corn, Silked	89	82	77	Peanuts, Pegged	10	14	16
Corn, Doughed	38	15	17	Snapbeans, Fresh, Harvested	62	59	64
Cotton, Planted	99	99	100	Soybeans, Planted	90	92	91
Cotton, Squared	23	21	21	Soybeans, Emerged	73	76	77
Cucumbers, Fresh, Harvested	71	79	82	Tobacco, Topped	38	49	39
Hay, Grain Hay, Harvested	100	100	100	Tomatoes, Fresh, Harvested	60	54	47
Oats, Harvested	97	96	92	Watermelons, Harvested	27	35	26
Peaches, Harvested	48	39	28	Winter Wheat, Harvested	93	94	86

### Condition for Week Ending June 24, 2012

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	9	23	68	0	Peanuts	0	1	23	70	6
Corn	0	3	22	61	14	Snapbeans	0	12	9	66	13
Cotton	0	2	19	73	6	Soybeans	0	2	17	78	3
Livestock	0	1	26	72	1	Tobacco	0	3	23	68	6
Pasture	0	6	37	54	3	Tomatoes	0	0	12	83	5
Peaches	0	1	19	75	5	Watermelons	0	2	26	65	7

## South Carolina Weekly Weather Summary for the Week Ending June 24, 2012

Monday morning temperatures in the seasonal 60's preceded a full day of sunshine and afternoon high temperatures in the 80's. At 2:00 p.m., Florence reported sunny skies, 84 degrees with 42 percent relative humidity. Slowly climbing temperatures began on Tuesday under an intense and drying sun. Clinton, Shaw AFB and Saluda recorded 90 degrees. Chesterfield reported a shade observation of 95 degrees on the official start of summer Wednesday, and the Marlboro County Jetport noted the same value for Thursday. With the exception of Edisto Beach's seabreeze-cooling high temperature of 80 degrees, hot weather settled over most of inland South Carolina. The Hartsville AP recorded a Friday maximum temperature of 95 degrees. A brief convective storm over Chesnee left 0.76 inches of rain. Saturday's fourteen-plus hours of sun sent the mercury to 95 degrees at Little Mountain, Florence and McCormick. A weak boundary dropped south across the northern counties Saturday evening with scattered thunderstorms. Hartsville measured one of the heavier totals with 1.84 inches and Lake Wylie measured 1.78 inches. Sunday's weather included increased cloudiness over the southern counties from the expanding circulation of the Gulf of Mexico's Tropical Storm Debby and another evening of diurnal convection across the Upstate and Midlands. Heavy rains of over two inches caused local flooding in Camden. A CoCoRaHS volunteer observer near Summerton measured 5.98 inches in just over two hours. Sunday's cooler southeast winds only allowed N Myrtle Beach, Brookgreen Gardens and the Charleston Peninsula to reach 85 degrees. The Sandhill Experiment Station recorded an open pan evaporation water loss of 0.33 inches in 24-hours and averaged a loss of 0.25 inches on each of the seven days. The State average temperature for the seven-day period was near normal.

The highest official temperature reported was 96 degrees at Clarks Hill on June 22 and at Columbia's Hamilton-Owens AP, Barnwell, Johnston, Winnsboro and Hartsville on June 23. The lowest official temperature reported was 59 degrees at Long Creek on June 19. The heaviest official 24-hour rainfall reported was 1.99 inches at McBee ending at 7:00 a.m. on June 24. The State average rainfall for the period was 0.3 inches.

SOIL: 4-inch depth soil temperature: Columbia 80 degrees, Charleston 83 degrees.

RIVERS AND SURF: South Carolina river stages were below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 82 degrees.

### Precipitation

Location	Total for Week	Total for 2012	Deviation from Average
Greer AP	0.20	16.24	-6.2
Anderson AP	0.06	15.74	-5.5
Columbia Metro AP	0.00	17.60	-2.7
Orangeburg AP	1.39	20.08	-1.7
Charlotte, NC AP	0.08	16.08	-4.0
Augusta, GA Bush AP	0.00	13.29	-8.1
Florence AP	0.83	20.97	1.9
N Myrtle Beach AP	0.00	14.36	-6.7
Charleston AP	0.00	20.35	-0.3
Savannah, GA AP	0.13	19.68	-1.3

Weekly rainfall totals this period ending midnight Sunday.



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