



# South Carolina

## Weekly Weather and Crop Progress Report

Cooperating with Clemson University  
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**Issue:** SC-CW003112  
**Released:** July 30, 2012 , after 4 pm  
**Week Ending:** July 29, 2012  
**Cooperating Agencies:**  
Clemson University  
SC State Climatology Office  
Farm Service Agency



### GENERAL

Triple digit temperatures and summer thunderstorms were present during the week ending July 29, 2012. The week began with temperatures reaching the high nineties but gave way to mercury levels over 100 degrees by Wednesday. Isolated thunderstorms were present providing inches of rain in some areas with little to no rain in others. The coastal areas of the State benefited most with many counties receiving multiple inches of rainfall. The State average rainfall for the period was 0.8 inches. However, soil moisture conditions dropped to 13% very short, 43% short and 44% adequate. The State average temperature for the week was five degrees above normal with 6.5 days suitable for fieldwork.

### FIELD CROPS

**CORN** was 97% doughed by Sunday. Sixty-three percent of the crop had reached maturation, well above historical averages. Conditions dropped slightly to 1% very poor, 7% poor, 37% fair, 45% good and 10% excellent. **COTTON** was 93% squared with 50% setting bolls. Conditions were 1% very poor, 3% poor, 34% fair, 55% good and 7% excellent. **PEANUTS** were 90% pegged, one point ahead of the five year average. Conditions were 1% very poor, 3% poor, 31% fair, 59% good and 6% excellent. Forty percent of **SOYBEANS** had bloomed, falling to seven points behind the five year average. Fourteen percent of the crop had set pods, five points ahead of last year. Conditions declined slightly to 1% very poor, 11% poor, 39% fair, 46% good and 3% excellent. **TOBACCO** was 98% topped, on pace with the five year average. Forty-five percent of the crop had been harvested. Conditions fell to 5% poor, 43% fair, 45% good and 7% excellent. Eighty-five percent of **HAY** had been harvested.

### OTHER ITEMS OF INTEREST

Ninety-eight percent of **TOMATOES** had been harvested, on pace with historical averages. **WATERMELON** and **CANTALOUPE** harvest was wrapping up with 92% and 94% harvested, respectively. All **CUCUMBERS** had been harvested. The **SNAPBEAN** harvest was 97% complete, one point behind last year. **PEACH** harvest continued with 91% complete by the end of the week, still well ahead of historical figures. **PASTURE** conditions were 3% very poor, 13% poor, 45% fair, 38% good and 1% excellent. **LIVESTOCK** conditions improved to 3% poor, 31% fair, 65% good and 1% excellent.

### Crop Progress for Week Ending July 29, 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	94	92	91	Peanuts, Pegged	90	83	89
Corn, Doughed	97	96	88	Snapbeans, Fresh, Harvested	97	98	99
Corn, Matured	63	48	30	Soybeans, Bloomed	40	55	47
Cotton, Squared	93	88	91	Soybeans, Pods Set	14	9	14
Cotton, Bolls Set	50	54	44	Tobacco, Topped	98	100	98
Cucumbers, Fresh, Harvested	100	100	100	Tobacco, Harvested	45	46	40
Hay, Other Hay, Harvested	85	91	85	Tomatoes, Fresh, Harvested	98	98	98
Peaches, Harvested	91	80	70	Watermelons, Harvested	92	94	91

### Condition for Week Ending July 29, 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
Corn	1	7	37	45	10	Peanuts	1	3	31	59	6
Cotton	1	3	34	55	7	Soybeans	1	11	39	46	3
Livestock	0	3	31	65	1	Tobacco	0	5	43	45	7
Pasture	3	13	45	38	1						

## South Carolina Weekly Weather Summary for the Week Ending July 29, 2012

Kings Mountain National Military Park near Blacksburg, reported 95 degrees on Monday. Only a handful of cooling afternoon thundershowers offset the all-day heat. On Tuesday, the mercury climbed to 96 degrees at Springmaid Pier, making it their hottest day of the season. Late evening thunderstorms on Folly Island caused winds to gust at 45 mph. Walterboro reported a 24-hour rainfall of 1.40 inches. Sunny, calm conditions sent the temperature on Wednesday to 101 degrees at Hardeeville. More triple-digit heat was observed on Thursday. Aiken and Florence noted afternoon high temperatures of 101 degrees. At 8:00 p.m., the Columbia Metro AP was still sweltering at a humid 96 degrees. The overnight hours only brought temporary relief from the heat. Both the Florence Regional AP and N Myrtle Beach AP never cooled below 80 degrees before sunrise on Friday. At 9:00 a.m., the Springmaid surf water temperature matched their air temperature at 84.4 degrees. The Sandhill Experiment Station measured a 24-hour open pan water loss of 0.48 inches. The Beaufort Marine Corps Air Station reached 100 degrees for the first time this year. Instruments atop the Lake Wateree Dam measured a wind gust of 49 mph at 5:10 p.m., and the Charleston AP recorded thunderstorm winds gusting to 50 mph at 7:32 p.m. Afternoon thunderstorms developed through the weekend but with little steering, limited the coverage to widely scattered rains. Lugoff measured an even one-inch of rain on Friday and 1.75 inches on Saturday. Dillon reached 101 degrees on Saturday afternoon. Sunday's storms got an early start along the coastal counties before forming inland and over the Midlands. Cades measured a rainfall total of 2.51 inches. Orangeburg's Sunday high temperature of 93 degrees occurred just before heavy rains of 1.84 inches fell. Two persons, one in Myrtle Beach and one in Mt. Pleasant, were struck by lightning over the weekend and sent to local hospitals. The State average temperature for the seven-day period was five degrees above normal.

The highest official temperature reported was 103 degrees at Barnwell on July 26. The lowest official temperature reported was 64 degrees at Caesars Head on July 28 and at Long Creek on July 29. The heaviest official 24-hour rainfall reported was 2.50 inches at Conway ending at 7:00 a.m. on July 29. The State average rainfall for the period was 0.8 inches.

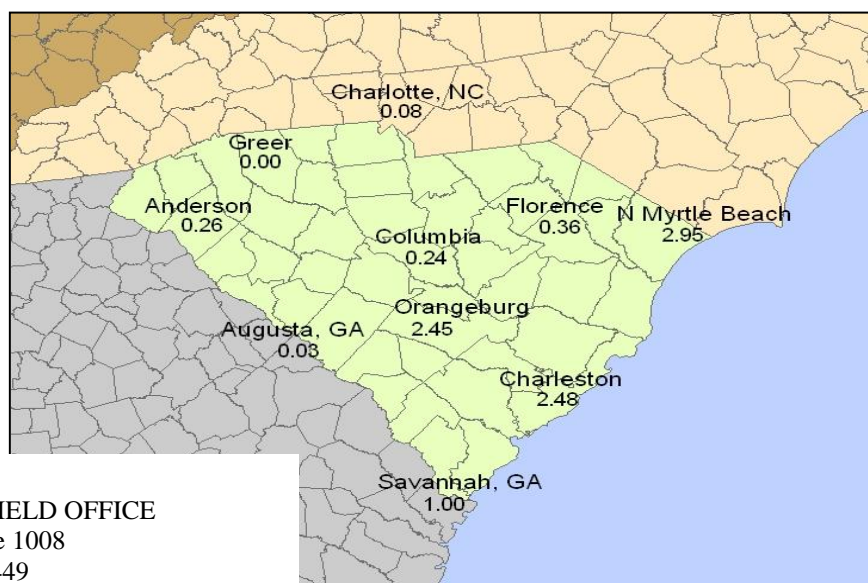
SOIL: 4-inch depth soil temperature: Columbia 83 degrees, Charleston 86 degrees.

RIVERS AND SURF: South Carolina river stages were near to below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 83 degrees.

### Precipitation

Location	Total for Week	Total for 2012	Deviation from Average
Greer AP	0.00	19.45	-8.2
Anderson AP	0.26	21.32	-4.2
Columbia Metro AP	0.24	24.29	-2.0
Orangeburg AP	2.45	27.04	-0.7
Charlotte, NC AP	0.08	20.04	-4.1
Augusta, GA Bush AP	0.03	14.52	-11.7
Florence AP	0.36	25.72	0.9
N Myrtle Beach AP	2.95	19.76	-7.8
Charleston AP	2.48	25.82	-2.3
Savannah, GA AP	1.00	24.39	-3.0

Weekly rainfall totals this period ending midnight Sunday.



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