



# South Carolina

## Weekly Weather and Crop Progress Report

Cooperating with Clemson University  
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**Issue:** SC-CW002313  
**Released:** June 10, 2013 , after 4 pm  
**Week Ending:** June 9, 2013  
**Cooperating Agencies:**  
Clemson University  
SC State Climatology Office  
Farm Service Agency



### GENERAL

The heaviest rainfall totals in nearly eight years saturated soils, and delayed fieldwork for the week. Standing water was common in many low lying areas. Conditions declined for many crops. Soil moisture ratings were reported at 1% short, 57% adequate, and 42% surplus. There was an average of 3.9 days were suitable for fieldwork across South Carolina.

### FIELD CROPS

While other crops have suffered due to excessive moisture, **CORN** fared well due to all the rain. The crop had been under drought stress in many areas, and the precipitation should improve yield potential. **COTTON** planting lags behind normal, and may cause some farmers to reconsider the crop. Drowning and washouts will lead to replanting in some fields, as well. Planting was 88% complete, compared to 94% last year, and 96% for the five-year average. **OAT** harvest has continued. The crop condition declined significantly, but still mostly good condition. **PEANUTS** were 96% planted compared to 95% last year, and 96% for the five-year average. **SOYBEAN** planting was held up due to saturated fields, and late small grain harvest. Planting was 63% complete, compared to 72% last year, and the five-year average of 69%. **TOBACCO** was suffering in wet fields. Plants had flopped in many areas. Conditions declined to 5% poor, 39% fair, 54% good, and 2% excellent. **WINTER WHEAT** harvest was delayed by the rains. There were some reports of toppling, and lodging, as well as sprouting in the heads. The crop harvest was 10% complete by the end of the week compared to 65% last year, and 41% for the five-year average. Conditions were 2% poor, 28% fair, 62% good, and 8% excellent.

### OTHER ITEMS OF INTEREST

**VEGETABLE** conditions declined for all reported crops. Planted was nearly complete. The **PEACH** harvest on early varieties continued. **LIVESTOCK** conditions declined marginally again to 1% very poor, 23% fair, 74% good, and 2% excellent. **PASTURE** conditions improved to 1% poor, 20% fair, 72% good, and 7% excellent. **GRAIN HAY** cutting progressed at a slower rate during the past week at 85% complete, compared to 96% last year, and 97% for the five-year average. The crop still remained in mostly good condition.

### Crop Progress for Week Ending June 9, 2013

Crop and Stage	2013	2012	5-Yr Avg	Crop and Stage	2013	2012	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	99	Rye, Turned Color	98	100	98
Corn, Silked	23	56	35	Rye, Ripe	63	94	79
Cotton, Planted	88	94	96	Rye, Harvested	23	51	40
Cucumbers, Fresh, Planted	98	100	100	Snapbeans, Fresh, Planted	99	100	100
Cucumbers, Fresh, Harvested	6	52	38	Soybeans, Planted	63	72	69
Hay, Grain Hay, Harvested	85	96	97	Soybeans, Emerged	42	53	53
Oats, Turned Color	99	100	100	Tobacco, Topped	10	0	9
Oats, Ripe	82	98	93	Watermelons, Planted	100	100	100
Oats, Harvested	36	69	54	Winter Wheat, Turning Color	100	100	100
Peaches, Harvested	14	29	18	Winter Wheat, Ripe	70	98	90
Peanuts, Planted	96	95	96	Winter Wheat, Harvested	10	65	41

### Condition for Week Ending June 9, 2013

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	0	47	51	2	Peanuts	0	2	39	58	1
Corn	0	2	31	59	8	Rye	0	1	37	62	0
Cotton	1	3	41	53	2	Snapbeans	0	3	56	41	0
Cucumbers	0	0	52	48	0	Soybeans	0	3	43	51	3
Hay	0	2	29	66	3	Tobacco	0	5	39	54	2
Livestock	0	1	23	74	2	Tomatoes	0	0	43	55	2
Oats	0	1	31	66	2	Watermelons	0	7	42	49	2
Pasture	0	1	20	72	7	Winter Wheat	0	2	28	62	8
Peaches	0	0	51	49	0						

## South Carolina Weekly Weather Summary for the Week Ending June 9, 2013

County-wide flooding was observed in Edgefield and Aiken counties during the dark hours of Monday morning. Several CoCoRaHS volunteer observers reported amounts exceeding 6 inches but the highest total came in at Trenton with 7.75 inches. A NWS storm spotter, 3 miles NNW of Burnetown, measured 4 inches in 40 minutes. Tuesday's weather included an EF1 rated tornado that formed at 3:39 p.m. southeast of Bowman and traveled 2.5 miles. One-inch hail fell over parts of Dorchester County. Brunson measured 4.44 inches of rain. Tropical weather conditions continued on Wednesday. Heavy rains fell again over a saturated Lowcountry. A CoCoRaHS volunteer 2 miles W of Meggett received 5.94 inches and another 4.64 inches fell at Hampton. Farm operations all over Hampton County were stopped due to standing water in fields. A fast-moving Tropical Storm Andrea entered the state on Friday morning after a landfall along Florida's Big Bend. At 5:00 a.m., TS Andrea was near Beaufort and moving just east of a northerly direction. At 5:36 a.m., Folly Beach reported southerly winds gusting to 47 mph. Blowing rain was observed into the Midlands. Springmaid Pier at Myrtle Beach noted the event's highest wind gust of 51 mph from the south at 11:06 a.m. Florence measured the lowest barometric pressure value on the storm's path through South Carolina at 29.44 inches of mercury. N Myrtle Beach measured 3.24 inches of rain on Friday. Roadside ditches along the Grandstrand were described as "overflowing." Other heavy rainfalls included 3.05 inches at Walterboro and 2.90 inches at Springfield. On Saturday afternoon, Pinopolis and the Georgetown AP warmed up to 91 degrees. Steamy conditions on a mostly sunny Saturday and Sunday allowed for the formation of afternoon scattered thunderstorms around the state. Sunday's 2:00 p.m. downpour of a reliable 5.35 inches in North caused flash flooding in the center of town. The skies opened up over the Greenville-Spartanburg AP leaving 3.23 inches in their gage. Both Conway and Bennettsville reported a Sunday high temperature of 90 degrees. Seven-day rainfall totals ending June 9, 2013, over South Carolina were the most since the week ending August 27, 1995, and the rains of Tropical Storm Jerry. The state average temperature for the seven-day period was one degree above the long-term average.

The highest official temperature reported was 92 degrees at the Beaufort Marine Corps Air Station on June 3 and at Bamberg on June 4. The lowest official temperature reported was 52 degrees at Jocassee on June 4. The heaviest official 24-hour rainfall reported was 3.29 inches at Chesterfield ending at 7:00 a.m. on June 7. The state average rainfall for the seven-day period was 4.2 inches.

SOIL: 4-inch depth soil temperature: Columbia 77 degrees, Charleston 80 degrees.

RIVERS AND SURF: South Carolina river stages were near to above normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 79 degrees.

### Precipitation

Location	Total for Week	Total for 2013	Deviation from Average
Anderson AP	4.61	28.87	9.4
Greer AP	4.70	29.08	8.5
Charlotte, NC AP	4.32	23.26	5.1
Columbia Metro AP	3.01	21.71	3.9
Orangeburg AP	3.94	21.32	2.2
Augusta, GA Bush AP	5.82	25.43	6.6
Florence AP	2.97	21.82	5.1
N Myrtle Beach AP	4.24	21.72	3.0
Charleston AP	5.83	29.31	11.6
Savannah, GA AP	4.55	24.12	6.2

Weekly rainfall totals this period ending midnight Sunday.



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