



# South Carolina

## Weekly Weather and Crop Progress Report

Cooperating with Clemson University  
1835 Assembly St., Suite 1008 · Columbia, SC 29201  
(800) 424-9406 · FAX (803) 765-5310 · [www.nass.usda.gov/sc](http://www.nass.usda.gov/sc)

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**Released:** April 29, 2013 , after 4 pm  
**Week Ending:** April 28, 2013  
**Cooperating Agencies:**  
Clemson University  
SC State Climatology Office  
Farm Service Agency



### GENERAL

The crop year has started off well this far. Conditions have been mostly favorable for both field work and crop development across South Carolina this past week. Farmers were beginning preparations for planting, cotton, peanuts, and soybeans. Soil moisture for the State was rated at 1% very short, 1% short, 87% adequate, and 11% surplus. There was an average of 5.9 days across the State that were suitable for fieldwork.

### FIELD CROPS

No significant rainfall in the Lowcountry enabled most **CORN** growers there to finish planting. Cool weather and rainfall in the interior will see some acreage intended for corn to be converted to other crops. Planting was 89% complete, compared to 97% in 2012, and 95% for the five-year average. The crop was 72% emerged, compared to 90% last year, and 79% for the five-year average. **COTTON** planting was 10% complete, compared to 13% last year, and 10% for the five-year average. Small grains have begun the maturing process with no reports of insect or disease problems. **OATS** were 73% headed, behind 99% last year, and the 84% five-year average. The crop condition was 10% fair, 85% good, and 5% excellent. Cool temperatures and windy conditions held off **PEANUT** and **SOYBEAN** planting during the week. The cooler weather and rains caused **RYE** conditions to improve to 22% fair, 77% good, and 1% excellent. The crop development progressed nicely with 74% of the crop headed. **TOBACCO** farmers were busy in the field transplanting, and the crop was looking mostly good. Eighty-one percent of the crop had been transplanted. This is compared to 91% last year, and the 85% five-year average. The **WINTER WHEAT** crop was shaping up nicely, and the rains should help fill out the kernels. By the end of the week, the crop was 61% headed, compared to 99% last year, and 82% for the five-year average. Conditions were 1% poor, 20% fair, 73% good, and 6% excellent.

### OTHER ITEMS OF INTEREST

**VEGETABLE** planting was ongoing. **WATERMELONS** and **CANTALOUPS** were in mostly good condition. **TOMATO** conditions improved, but still remained in mostly fair condition. **PEACH** conditions improved from last week, and are now mostly good. Orchards were receiving routine insect and disease preventative, and control applications. **LIVESTOCK** conditions were 1% poor, 21% fair, 73% good, and 5% excellent. **PASTURE** conditions were reported at 2% poor, 24% fair, 71% good, and 3% excellent. **HAY** cutting is was still behind average, but progress was made with 30% of grain hay cut, compared to 57% last year, and 39% for the five-year average. The crop remains in mostly good condition.

### Crop Progress for Week Ending April 28, 2013

Crop and Stage	2013	2012	5-Yr Avg	Crop and Stage	2013	2012	5-Yr Avg
	Percent	Percent	Percent		Percent	Percent	Percent
Cantaloup, Planted	74	83	80	Rye, Headed	74	99	97
Corn, Planted	89	97	95	Rye, Turned Color	4	8	9
Corn, Emerged	72	90	79	Snapbeans, Fresh, Planted	61	90	76
Cotton, Planted	10	13	10	Soybeans, Planted	6	18	7
Cucumbers, Fresh, Planted	50	72	76	Tobacco, Transplanted	81	91	85
Hay, Grain Hay, Harvested	30	57	39	Tomatoes, Fresh, Planted	93	98	95
Oats, Headed	73	99	84	Watermelons, Planted	83	91	88
Oats, Turned Color	1	27	11	Winter Wheat, Headed	61	99	82
Peanuts, Planted	2	9	4	Winter Wheat, Turning Color	1	27	7

### Condition for Week Ending April 28, 2013

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	0	28	69	3	Peaches	1	1	34	61	3
Corn	0	5	23	70	2	Rye	0	0	22	77	1
Hay	0	0	22	77	1	Tobacco	0	0	39	61	0
Livestock	0	1	21	73	5	Tomatoes	0	0	65	35	0
Oats	0	0	10	85	5	Watermelons	0	0	33	64	3
Pasture	0	2	24	71	3	Winter Wheat	0	1	20	73	6

## South Carolina Weekly Weather Summary for the Week Ending April 28, 2013

Unseasonal cold on Monday morning forced the thermometer to 35 degrees at Walhalla. The Greenville-Spartanburg AP high temperature of 63 degrees was 11 degrees below that site's long-term average. At 5:00 p.m., both airports in Columbia reported a relative humidity value of just 20 percent. The Folly Beach Tuesday morning temperature fell to a chilling 54 degrees. Areas of fog on Wednesday preceded a general warming for the state. Cades and Hardeeville reached 82 degrees on Wednesday afternoon. Thunderstorms erupted on Thursday along the coastal plain with one-inch diameter hail falling over parts of Dorchester County. Bamberg recorded a Thursday high temperature of 83 degrees. A CoCoRaHS volunteer observer in Georgetown measured 1.82 inches of rain. Kingstree and Darlington warmed to 79 degrees on Friday under mostly sunny skies. Saturday's slow-approach of a frontal boundary caused showers to form over counties near the Savannah River. The rain gage at McCormick indicated 0.60 inches while nearby Greenwood received 0.50 inches. Rainfall coverage increased on Sunday for much of inland South Carolina. "Heavy rain" was observed at Clemson, Greenville, Rock Hill, Greenwood, Columbia and Orangeburg. Pockets of thundershowers with intense rain fell through the midnight hour. The average temperature for the seven-day period was two degrees below the long-term average.

The highest official temperature reported was 84 degrees at Beaufort MCAS, Charleston AP, Jamestown and Barnwell on April 25. The lowest official temperature reported was 34 degrees at Caesars Head on April 24. The heaviest official 24-hour rainfall reported was 2.03 inches at Rock Hill AP on April 28. The state average rainfall for the seven-day period was 1.3 inches.

SOIL: 4-inch depth soil temperature: Columbia 67 degrees, Charleston 69 degrees.

RIVERS AND SURF: South Carolina river stages were near normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 67 degrees.

### Precipitation

Location	Total for Week	Total for 2013	Deviation from Average
Anderson AP	1.91	16.84	1.8
Greer AP	2.04	17.32	1.9
Charlotte, NC AP	2.45	15.47	1.9
Columbia Metro AP	1.80	14.70	1.3
Orangeburg AP	0.64	14.04	-0.2
Augusta, GA AP	2.26	17.00	2.3
Florence AP	0.83	12.41	0.5
N Myrtle Beach AP	0.15	12.60	-1.2
Charleston AP	0.37	19.69	6.6
Savannah, GA AP	0.00	15.65	2.6

Weekly rainfall totals this period ending midnight Sunday.



USDA-NASS  
SOUTH CAROLINA FIELD OFFICE  
1835 Assembly St. Suite 1008  
Columbia, SC 29201-2449  
Official Business

Address Service Requested