



South Carolina Weekly Weather and Crop Progress Report

Cooperating with Clemson University
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Issue: SC-CW002413
Released: June 17, 2013 , after 4 pm
Week Ending: June 16, 2013
Cooperating Agencies:
Clemson University
SC State Climatology Office
Farm Service Agency



GENERAL

Rainfall amounts varied widely across the State during the past week. Field work was delayed in those areas receiving more rain, while other sections of the State dried, aiding the ability to continue planting field crops, and harvesting small grains and vegetables. Overall, soil moisture ratings were reported at 2% short, 75% adequate, and 23% surplus. There was an average of 5.0 days were suitable for fieldwork across South Carolina.

FIELD CROPS

CORN was still looking good. Much of the crop was tasseling, and had good soil moisture to have excellent yield potential. By the end of the week 49% of the crop had tasseled compared to 77% last year, and 60% for the five-year average. **COTTON** was just beginning to grow with the warm weather. Planting was 92% complete, compared to 98% last year, and 98% for the five-year average. **OAT** harvest has continued. The crop was still in mostly good condition. **PEANUTS** were 98% planted compared to 99% last year, and 99% for the five-year average. **SOYBEANS** were small as far as plant size, but they were beginning to grow as crop fields were drying. Planting was 77% complete, compared to 83% last year, and the five-year average of 81%. **TOBACCO** has flopped in many areas due to all of the rain during the past three weeks. Conditions were 6% poor, 37% fair, 53% good, and 4% excellent. **WINTER WHEAT** harvest has been delayed in some areas due to the wet conditions. The yield reports were looking good to excellent, but farmers were having a tough time getting into low places to harvest. The longer the crop stays in the field, the more deterioration and kernel damage is occurring. The crop harvest was 36% complete by the end of the week compared to 80% last year, and 65% for the five-year average. Conditions were 3% poor, 30% fair, 59% good, and 8% excellent.

OTHER ITEMS OF INTEREST

VEGETABLE harvests are now under way. Conditions declined slightly for most crops. The **PEACH** harvest was 21% complete, compared to 39% last year, and 26% for the five-year average. **LIVESTOCK** conditions for the week were 24% fair, 73% good, and 3% excellent. **PASTURE** conditions were 1% poor, 19% fair, 72% good, and 8% excellent. **GRAIN HAY** cutting has been late, but nearing completion at 94%, compared to 99% last year, and 99% for the five-year average.

Crop Progress for Week Ending June 16, 2013

Crop and Stage	2013	2012	5-Yr Avg	Crop and Stage	2013	2012	5-Yr Avg
	Percent	Percent	Percent		Percent	Percent	Percent
Cantaloup, Harvested	14	21	15	Rye, Turned Color	99	100	100
Corn, Silked	49	77	60	Rye, Ripe	90	99	91
Corn, Doughed	6	18	10	Rye, Harvested	30	72	60
Cotton, Planted	92	98	98	Snapbeans, Fresh, Planted	100	100	100
Cotton, Squared	3	16	10	Snapbeans, Fresh, Harvested	36	43	44
Cucumbers, Fresh, Planted	100	100	100	Soybeans, Planted	77	83	81
Cucumbers, Fresh, Harvested	16	65	59	Soybeans, Emerged	48	64	64
Hay, Grain Hay, Harvested	94	99	99	Tobacco, Topped	28	34	24
Oats, Turned Color	100	100	100	Tomatoes, Fresh, Harvested	21	43	29
Oats, Ripe	95	100	99	Watermelons, Harvested	12	21	14
Oats, Harvested	63	88	77	Winter Wheat, Ripe	96	100	99
Peaches, Harvested	21	39	26	Winter Wheat, Harvested	36	80	65
Peanuts, Planted	98	99	99				

Condition for Week Ending June 16, 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	58	40	2	Peanuts	0	3	39	57	1
Corn	0	1	26	62	11	Rye	0	1	53	46	0
Cotton	1	6	38	52	3	Snapbeans	0	3	61	36	0
Cucumbers	0	0	51	48	1	Soybeans	0	4	44	48	4
Hay	0	2	29	66	3	Tobacco	0	6	37	53	4
Livestock	0	0	24	73	3	Tomatoes	0	0	29	69	2
Oats	0	1	29	66	4	Watermelons	0	7	44	48	1
Pasture	0	1	19	72	8	Winter Wheat	0	3	30	59	8
Peaches	0	0	58	42	0						

South Carolina Weekly Weather Summary for the Week Ending June 16, 2013

The North Fork of the Edisto River at Orangeburg climbed to its highest stage (8.16 feet) in over ten years on Monday, due to the river basin's torrential rains of the day before. Clusters of storms moved across the state on Monday afternoon. At 1:00 p.m., Anderson reported "heavy rain" and west winds gusting to 44 mph. Just thirty minutes later, a brief EF1-rated tornado formed 3 miles east of Piedmont. Thunderstorms over McEntire ANG AP produced a wind gust of 50 mph. Twenty-four hour rainfall totals reached 2.18 inches at Aiken, 1.74 inches at Florence and 1.22 inches at Shaw AFB. Tuesday's storms affected the southern and coastal counties. The Charleston AP measured 1.37 inches of a 1.55-inch total in just 26 minutes. Warming west winds sent the mercury to 91 degrees at Table Rock on Tuesday afternoon. Noticeable heat was observed on Wednesday and Thursday. Hilton Head AP started the day with a low temperature of only 79 degrees. Both Pinopolis and Bamberg reported a sweltering 98 degrees on Wednesday afternoon. Charleston's airport Thursday low temperature of 80 degrees was their warmest sunrise since August 8, 2011. Thursday's full day of nearly overhead sun sent the mercury to 97 degrees at Columbia's Hamilton-Owens AP and Myrtle Beach. Florence and Charleston reported 96 degrees. A drier and slightly cooler airmass entered the state overnight helping to lower Friday's temperatures by close to ten degrees. The state's highest temperature was 89 degrees at Bamberg, Edisto Island and Beaufort. On Saturday morning, the temperature fell to 58 degrees at Rock Hill and 61 degrees at Myrtle Beach. Clarks Hill and Sullivan's Island warmed up to 90 degrees. The week ended under mostly sunny skies and seasonal temperatures. Clemson, Little Mountain and Lake City recorded a Sunday high temperature of 87 degrees. The state average temperature for the seven-day period was near the long-term average.

The highest official temperature reported was 102 degrees at the Marlboro County Jetport near Bennettsville on June 13. The lowest official temperature reported was 48 degrees at Chesnee on June 13. The heaviest official 24-hour rainfall reported was 2.25 inches at Mullins ending at 7:00 a.m. on June 11. The state average rainfall for the seven-day period was 1.0 inches.

SOIL: 4-inch depth soil temperature: Columbia 78 degrees, Charleston 83 degrees.

RIVERS AND SURF: South Carolina river stages were near 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	1.08	29.95	9.6
Greer AP	0.56	29.64	8.2
Charlotte, NC AP	1.11	24.37	5.3
Columbia Metro AP	0.67	22.38	3.5
Orangeburg AP	0.53	21.85	1.6
Augusta, GA Bush AP	0.98	26.41	6.4
Florence AP	1.75	23.57	5.7
N Myrtle Beach AP	0.25	21.97	2.1
Charleston AP	2.09	31.40	12.4
Savannah, GA AP	0.31	24.43	5.1

Weekly rainfall totals this period ending midnight Sunday.



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