



South Carolina Weekly Weather and Crop Progress Report

Cooperating with Clemson University
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Clemson University
SC State Climatology Office
Farm Service Agency



GENERAL

The week began and ended with scattered showers across much of the state. During the middle portion of the week, the rainfall was gone and had left behind slightly cooler than normal temperature. Field work was once again delayed in those areas receiving more rain, while sunny skies in other sections of the State allowed the soils to dry, which helped producers to continue planting field crops, and harvesting small grains and vegetables. Overall, soil moisture ratings were reported at 3% short, 88% adequate, and 9% surplus. There was an average of 5.5 days were suitable for fieldwork across South Carolina.

FIELD CROPS

CORN continued to thrive. By the end of the week 73% of the crop had tasseled compared to 88% last year, and 79% for the five-year average. The crop maintained an overall condition rating of mostly good. **COTTON** planting was 96% complete, compared to 99% for both last year and the five-year average. By the end of the week **OAT** harvest was 80% complete, well behind last year and the five year average of 96 and 92 percent, respectively. **PEANUTS** planting was complete, with 3% of the crop pegged by the end of the week, compare to 9% last year and the 5-year average of 14%. Many producers are beginning to express concern about whether they will be able to double crop **SOYBEANS** behind their small grains due to the harvesting delays caused by the wet fields. Thus far, 84% of the crop has been planted, compared to 89% last year and 90% for the 5-year average. The overall condition of the **TOBACCO** crop improved slightly from the previous week to 3% poor, 17% fair, 73% good, and 7% excellent. Scattered showers and wet fields continued to cause delays in **WINTER WHEAT** harvest. The crop harvest was 62% complete by the end of the week compared to 91% last year, and 86% for the five-year average. Conditions dropped slightly to 1% very poor, 2% poor, 25% fair, 68% good, and 4% excellent.

OTHER ITEMS OF INTEREST

VEGETABLE harvests continued to progress. Producers are applying additional disease control sprays in some areas. Conditions improved slightly for all crops. The **PEACH** harvest was 28% complete, compared to 47% last year, and 32% for the five-year average. **LIVESTOCK** conditions for the week were 20% fair, 76% good, and 4% excellent. **PASTURE** conditions improved to 12% fair, 77% good, and 11% excellent. By the end of the week **GRAIN HAY** cutting was complete.

Crop Progress for Week Ending June 23, 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	19	27	30	Rye, Turned Color	100	100	100
Corn, Silked	73	88	79	Rye, Ripe	100	100	97
Corn, Doughed	11	35	20	Rye, Harvested	68	92	80
Cotton, Planted	96	99	99	Snapbeans, Fresh, Harvested	56	60	62
Cotton, Squared	8	22	20	Soybeans, Planted	84	89	90
Cucumbers, Fresh, Harvested	46	70	77	Soybeans, Emerged	56	72	74
Hay, Grain Hay, Harvested	100	100	100	Tobacco, Topped	31	38	41
Oats, Ripe	100	100	100	Tomatoes, Fresh, Harvested	42	58	47
Oats, Harvested	80	96	92	Watermelons, Harvested	18	26	25
Peaches, Harvested	28	47	32	Winter Wheat, Ripe	100	100	100
Peanuts, Planted	100	100	100	Winter Wheat, Harvested	62	91	86
Peanuts, Pegged	3	9	14				

Condition for Week Ending June 23, 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	40	60	0	Peanuts	0	2	21	69	8
Corn	0	1	24	66	9	Rye	0	0	33	66	1
Cotton	1	2	25	68	4	Snapbeans	0	6	41	53	0
Cucumbers	0	0	31	66	3	Soybeans	0	2	36	57	5
Hay	0	2	20	73	5	Tobacco	0	3	17	73	7
Livestock	0	0	20	76	4	Tomatoes	0	0	19	78	3
Pasture	0	0	12	77	11	Watermelons	0	0	32	68	0
Peaches	0	0	38	62	0	Winter Wheat	1	2	25	68	4

South Carolina Weekly Weather Summary for the Week Ending June 23, 2013

Thunderstorms over Travelers Rest flooded roadways on Monday night with a NWS spotter measuring 4.63 inches. The same complex of stormy weather moved eastward during the nighttime hours, leaving 2.12 inches at Pageland and 2.58 inches at Walterboro. Thundershowers on Tuesday produced rainfall amounts of 1.97 inches at the Greenville-Spartanburg AP and 1.36 inches at Gallivant's Ferry. The Georgetown AP reported a high temperature of 92 degrees while, just to the south, Charleston reached 91 degrees. A cloudy Wednesday limited the day's warming to 82 degrees at Pickens, Chester, Laurens and Sandhill. The early-afternoon formation of thundershowers from Aiken to near Georgetown left a Mt. Pleasant (CoCoRaHS) rainfall of 4.11 inches with street flooding observed on the Charleston peninsula. McClellanville received 1.80 inches of rain. A boundary of cooler, more stable air arrived Thursday morning on temperate northeast winds. Anderson cooled to 62 degrees and Newberry and Johnston reported a Thursday low temperature of 65 degrees. At 1:00 p.m., the Clemson and Charleston airports noted 81 degrees. Clear blue skies on Friday, the first day of astronomical summer 2013, and sunrise temperatures of 60 degrees at Cedar Creek and Manning made it feel more like a "mid-April" morning. Walterboro and N Myrtle Beach cooled to 64 degrees. The Greenville AP recorded a barometric pressure value of 30.30 inches of mercury at 9:00 a.m. More seasonal weather returned on Saturday. Union reported an afternoon high temperature of 90 degrees. An isolated thundershower during the evening hours left 1.78 inches of rain at Lugoff. Thunderstorm coverage increased for Sunday afternoon and evening. Sandhill measured one of the heavier rainfall totals with 1.10 inches and the Columbia Metro AP measured 0.96 inches. Lake City and Darlington reported a Sunday afternoon maximum of 90 degrees. At 11:00 p.m., Greenwood and Orangeburg observed a relative humidity value of 91 percent. The state average temperature for the seven-day period was two degrees below the long-term average.

The highest official temperature reported was 93 degrees at Barnwell and Pinopolis on June 17 and at Cades on June 23. The lowest official temperature reported was 58 degrees at Caesars Head and Chesnee on June 22. The heaviest official 24-hour rainfall reported was 3.70 inches at Dillon ending at 7:00 a.m. on June 18. The state average rainfall for the seven-day period was 1.2 inches.

SOIL: 4-inch depth soil temperature: Columbia 79 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 81 degrees.

Precipitation

Location	Total for Week	Total for 2013	Deviation from Average
Anderson AP	0.88	30.83	9.6
Greer AP	2.35	32.30	10.0
Charlotte, NC AP	0.66	25.03	5.1
Columbia Metro AP	1.26	23.64	3.5
Orangeburg AP	1.67	23.52	2.0
Augusta, GA Bush AP	0.89	27.30	6.1
Florence AP	1.60	25.17	6.2
N Myrtle Beach AP	0.36	22.33	1.4
Charleston AP	1.80	33.20	12.7
Savannah, GA AP	1.88	26.31	5.5

Weekly rainfall totals this period ending midnight Sunday.



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