



South Carolina

Weekly Weather and Crop Progress Report

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



GENERAL

A drier week allowed farmers to make progress planting field crops. Overall, crop conditions declined, but were still looking mostly good for a majority of commodities. Soils continued to dry and were rated for the week at 8% short, 83% adequate, and 9% surplus. There was an average of 5.8 days across the South Carolina that was suitable for fieldwork.

FIELD CROPS

CORN planting was winding down. Some fields have some yellowing occurring most likely due to excess water in the soil causing root damage. This corn should recover with if the weather remains good. There was also some leaf curling in sandy soils due to drought stress. Planting was 97% complete, compared to 100% in 2012, and 100% for the five-year average. The crop was 96% emerged, compared to 99% last year, and 98% for the five-year average. **COTTON** planting progressed and by the end of the week was 36% complete, compared to 66% last year, and 62% for the five-year average. There were some reports of replanting due to standing water in fields during the previous week. **OATS** were nearly completely headed. The crop was 47% turned color, and 7% ripe, well behind last year and the five-year average. The crop remained in mostly good condition. **PEANUT** growers were still busy seeding with 45% of the crop planted compared to 60% last year, and 47% for the five-year average. **SOYBEAN** planting was ongoing at 26% complete, behind 46% for last year, and the 36% average. **RYE** conditions declined, but remained in mostly good condition. Rye maturation was behind for this time of year at 43% turned color, and 7% ripened. **TOBACCO** was nearly all transplanted. The crop condition was 3% poor, 34% fair, 62% good, and 1% excellent. **WINTER WHEAT** was ripening slowly. Thirty-six percent of the crop had turned color far behind the 93% last year, and 70% for the five-year average. The crop was 95% headed, compared to 100% last year, and 100% for the five-year average. Conditions were 1% poor, 20% fair, 71% good, and 8% excellent.

OTHER ITEMS OF INTEREST

VEGETABLE planting was nearly complete. Conditions declined during the past week. **PEACH** harvest has begun in a few orchards. **LIVESTOCK** conditions were only marginally changed at 23% fair, 74% good, and 3% excellent. **PASTURE** conditions decreased slightly to 28% fair, 70% good, and 2% excellent. **GRAIN HAY** cutting remains behind average, with 52% of grain hay cut, compared to 82% last year, and 77% for the five-year average. The crop is in mostly good condition.

Crop Progress for Week Ending May 19, 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	96	100	96	Rye, Turned Color	43	77	65
Corn, Planted	97	100	100	Rye, Ripe	7	53	33
Corn, Emerged	96	99	98	Snapbeans, Fresh, Planted	88	100	99
Cotton, Planted	36	66	62	Soybeans, Planted	26	46	36
Cucumbers, Fresh, Planted	85	98	97	Soybeans, Emerged	11	31	21
Hay, Grain Hay, Harvested	52	82	77	Tobacco, Transplanted	99	100	100
Oats, Headed	99	100	99	Tomatoes, Fresh, Planted	100	100	100
Oats, Turned Color	47	93	77	Watermelons, Planted	97	100	98
Oats, Ripe	7	61	27	Winter Wheat, Headed	95	100	100
Peaches, Harvested	2	0	3	Winter Wheat, Turning Color	36	93	70
Peanuts, Planted	45	60	47	Winter Wheat, Ripe	10	61	21
Rye, Headed	98	100	100				

Condition for Week Ending May 19, 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	45	8	Peaches	1	1	50	46	2
Corn	0	9	34	54	3	Rye	0	1	33	63	3
Cucumbers	0	0	70	30	0	Snapbeans	0	0	67	33	0
Hay	0	2	37	59	2	Tobacco	0	3	34	62	1
Livestock	0	0	23	74	3	Tomatoes	0	0	64	36	0
Oats	0	1	21	73	5	Watermelons	0	0	51	41	8
Pasture	0	0	28	70	2	Winter Wheat	0	1	20	71	8

South Carolina Weekly Weather Summary for the Week Ending May 19, 2013

Unseasonably cold mornings were observed early in the workweek. Walhalla and Hunts Bridge reported 37 degrees on Monday. On Tuesday morning, the Greenville-Spartanburg AP set a date record minimum temperature of 41 degrees and the Columbia Metro AP tied their date record with 44 degrees. At 5:00 p.m., Shaw AFB in Sumter noted a relative humidity value of just 18 percent. Wednesday's desert-type air mass brought the state its highest temperatures since September 7, 2012. Bennettsville recorded 93 degrees. The Sandhill Experiment Station in northeast Richland County measured a 24-hour open pan evaporation water loss of 0.72 inches. Passing clouds on Thursday lowered the surface warming somewhat but both Batesburg and the N Myrtle Beach AP reached 88 degrees. A mostly sunny Friday sent the mercury to 90 degrees at Florence and Georgetown. Scattered thunderstorms in Pickens County left 0.93 inches of rain at Jocassee Dam and 0.73 inches at Clemson. Wet weather coverage increased on Saturday from the Upstate into the Pee Dee. Keowee Dam received 0.87 inches of rain, Chesterfield measured 1.56 inches, and 0.72 inches fell over Darlington. Central South Carolina observed cloudy skies and slow moving thunderstorms on Sunday. Union and Murrells Inlet were just a few locations that made it to 80 degrees. Heavy rains fell within Lexington, Richland and Sumter counties. The rain gage at Shaw AFB indicated a Sunday total of 2.58 inches. The state average temperature for the seven-day period was near the long-term average.

The highest official temperature reported was 95 degrees at USC Columbia on May 15. The lowest official temperature reported was 31 degrees at Jocassee on May 15. The heaviest official 24-hour rainfall reported was 3.70 inches at McEntire ANG AP on May 19. The state average rainfall for the seven-day period was 0.8 inches.

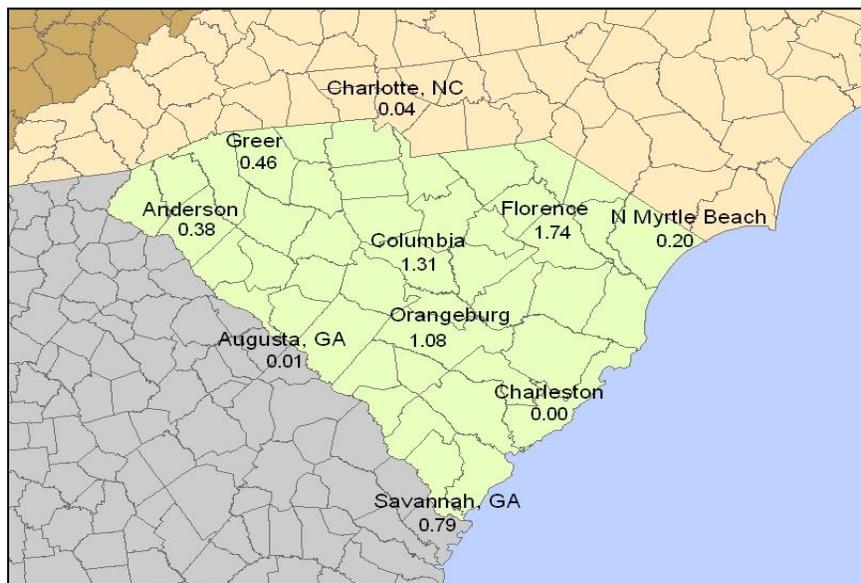
SOIL: 4-inch depth soil temperature: Columbia 72 degrees, Charleston 77 degrees.

RIVERS AND SURF: South Carolina river stages were near normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 71 degrees.

Precipitation

Location	Total for Week	Total for 2013	Deviation from Average
Anderson AP	0.38	19.84	2.7
Greer AP	0.46	22.20	4.2
Charlotte, NC AP	0.04	18.06	2.4
Columbia Metro AP	1.31	18.62	3.4
Orangeburg AP	1.08	17.38	1.4
Augusta, GA Bush AP	0.01	19.23	3.0
Florence AP	1.74	16.29	2.4
N Myrtle Beach AP	0.20	16.13	0.2
Charleston AP	0.00	21.94	6.9
Savannah, GA AP	0.79	19.54	4.7

Weekly rainfall totals this period ending midnight Sunday.



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