



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 State of South Carolina was saturated with rain during the last week further preventing farmers from getting into their fields to plant and harvest. Fields that are low have large pools of standing water, causing drowning and disease. Nutrients were leaching from the soil and weeds were growing. Soil moisture ratings were reported at 29% adequate, and 71% surplus. There was a statewide average of only 2.0 days were suitable for any fieldwork across South Carolina.

FIELD CROPS

Ninety-four percent of **CORN** had silked, and 47% of the crop had doughed by the end of the week, only slightly behind the long term averages. The crop condition declined slightly, but was still mostly good. **COTTON** planting was nearly complete. One-third of the crop had squared compared to 59% last year and 56% for the five-year average. Bolls were just beginning to set in some fields. By the end of the week, **OAT** harvest was 96% complete. Forty percent of **PEANUTS** had pegged by the end of the week, compared to 52% last year and the five-year average of 51%. Because of all of the rain, very little double crop **SOYBEANS** were able to be planted last week. Ninety-two percent of the crop has been planted, compared to 98% for both last year and the five-year average. Due to excessive amounts of rain once again, **TOBACCO** conditions declined markedly to 4% poor, 43% fair, 47% good, and 6% excellent. The crop has flopped and was thin with little leaf weight gain in many areas. Farmers were still trying to cut **WINTER WHEAT**, but were having a very hard time due to all of the rain. What was remaining was deteriorating in the fields. Harvest was 82% complete by the end of the week compared to 100% for both last year and the five-year average.

OTHER ITEMS OF INTEREST

FRUIT and **VEGETABLE** harvests continued, but conditions dropped sharply from the previous week due to the excessive rain. The **PEACH** picking was 44% complete, compared to 64% last year, and 48% for the five-year average. **LIVESTOCK** conditions for the week were 23% fair, 73% good, and 4% excellent. **PASTURE** conditions were 22% fair, 61% good, and 17% excellent.

Crop Progress for Week Ending July 7, 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	48	56	62	Peanuts, Pegged	40	52	51
Corn, Silked	94	97	97	Rye, Harvested	87	99	96
Corn, Doughed	47	72	49	Snapbeans, Fresh, Harvested	73	79	83
Corn, Matured	4	18	6	Soybeans, Planted	92	98	98
Cotton, Planted	99	100	100	Soybeans, Emerged	81	95	91
Cotton, Squared	33	59	56	Soybeans, Bloomed	1	7	6
Cotton, Bolls Set	1	9	11	Tobacco, Topped	62	67	72
Cucumbers, Fresh, Harvested	63	88	96	Tobacco, Harvested	2	10	11
Hay, Other Hay, Harvested	62	60	48	Tomatoes, Fresh, Harvested	75	86	79
Oats, Harvested	96	100	100	Watermelons, Harvested	41	57	60
Peaches, Harvested	44	64	48	Winter Wheat, Harvested	82	100	100

Condition for Week Ending July 7, 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	4	50	45	1	Peaches	0	0	38	62	0
Corn	0	1	16	70	13	Peanuts	0	9	37	50	4
Cotton	1	7	31	59	2	Soybeans	1	7	41	47	4
Hay	0	6	33	52	9	Tobacco	0	4	43	47	6
Livestock	0	0	23	73	4	Watermelons	0	3	50	46	1
Pasture	0	0	22	61	17						

South Carolina Weekly Weather Summary for the Week Ending July 7, 2013

A deep-layered column of tropical air sent drenching rains all across South Carolina during the first week of July. Early morning sunshine and the seasonal heating of already wet surfaces made for widespread coverage of middle of the day and evening convective thundershowers. Socastee reported Monday's heaviest rain with 5.20 inches and Manning was soaked with 3.20 inches. Rotational energy, within an isolated storm on Tuesday evening, produced an EF1-rated tornado near Quinby that caused personal injuries and the destruction of several homes. The Florence Regional AP measured a Tuesday rainfall of 1.90 inches. A thundershower over Edisto Beach State Park left 2.95 inches. The plume of northward-moving rains continued on Wednesday. Some of the heavier 24-hour amounts included 2.87 inches at Gaffney, 2.79 inches at Keowee Dam and 2.53 inches at Chappells. The July 4 holiday began on the cool side for parts of the Upstate. Pickens cooled to 65 degrees. Laurens, Newberry and Clarks Hill noted a Thursday minimum temperature of 69 degrees. Orangeburg was the state's only location to reach the holiday's highest afternoon temperature of 90 degrees. Thursday's downpours produced localized flooding for portions of Greenville County. On Friday morning, Keowee Dam had received a 24-hour rainfall of 3.57 inches. Thundershowers, although diminished in coverage, kept forming on Friday. Union was soaked with 3.15 inches and Shaw AFB measured 2.38 inches. Florence and Darlington shared a Saturday maximum temperature of 90 degrees. Sullivan's Island reported a 24-hour rainfall of 1.50 inches and the Sandhill site received 0.94 inches. During the first 7 days of July, Table Rock received 9.84 inches of rain and a saturated Manning reported 7.74 inches. Anderson and the Greenville-Spartanburg AP observed measurable rain for the same seven consecutive days. The Columbia Metro AP average high temperature for July 1-7, 2013, of 84.9 degrees was 15.1 degrees cooler than for the 2012 identical period. The state average temperature for the seven-day period was three degrees below the long-term average.

The highest official temperature reported was 91 degrees at Jamestown on July 5 and at Columbia Metro AP and Florence AP on July 7. The lowest official temperature reported was 59 degrees at Caesars Head on July 4. The heaviest official 24-hour rainfall reported was 6.25 inches at Kingstree ending at 7:00 a.m. on July 2. The state average rainfall for the seven-day period was 3.5 inches.

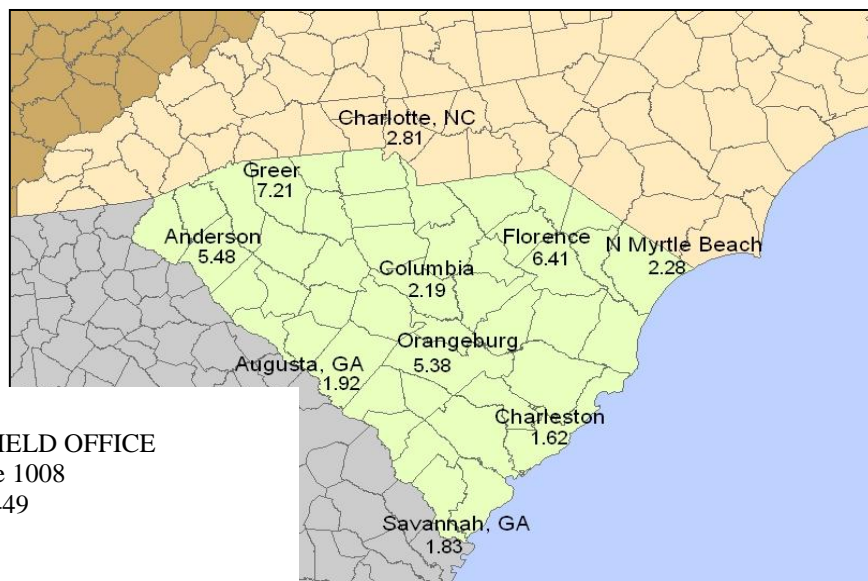
SOIL: 4-inch depth soil temperature: Columbia 81 degrees, Charleston 84 degrees.

RIVERS AND SURF: South Carolina river stages were above normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 82 degrees.

Precipitation

Location	Total for Week	Total for 2013	Deviation from Average
Anderson AP	5.48	36.73	13.8
Greer AP	7.21	39.80	15.6
Charlotte, NC AP	2.81	28.87	7.5
Columbia Metro AP	2.19	26.98	4.7
Orangeburg AP	5.38	29.65	5.6
Augusta, GA Bush AP	1.92	32.35	9.2
Florence AP	6.41	33.17	12.2
N Myrtle Beach AP	2.28	32.17	8.9
Charleston AP	1.62	38.68	15.3
Savannah, GA AP	1.83	29.65	6.3

Weekly rainfall totals this period ending midnight Sunday.



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