



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

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



GENERAL

Much needed rainfall brought cooler temperatures to the State during the week ending July 15, 2012. Monday began with temperatures in the triple digits for much of the State. Intense thunderstorms arrived Monday evening and continued through Thursday, usually popping up in the evening and providing multiple inches of rain in many counties. No crop damage was reported and the rainfall improved soil moisture conditions to 8% very short, 30% short, 60% adequate and 2% surplus. The State average rainfall for the period was 1.8 inches. Seasonal temperatures coupled with clear skies were present through the weekend. The State average temperature for the period was one degree above normal with 5.2 days suitable for fieldwork.

FIELD CROPS

All **CORN** had silked and 85% of the crop had doughed by Sunday. Twenty-six percent of the crop had reached maturation, ten points ahead of last year. Conditions remained stable at 5% poor, 40% fair, 46% good and 9% excellent. **COTTON** was 80% squared with 20% setting bolls. Conditions improved to 2% poor, 35% fair, 55% good and 8% excellent. **PEANUTS** were 68% pegged, on pace with the five year average. Conditions were 1% very poor, 2% poor, 31% fair, 57% good and 9% excellent. All **SOYBEANS** were planted and had emerged by the end of the week. Twelve percent of the crop had bloomed, six points behind last year. Conditions improved slightly to 1% very poor, 10% poor, 39% fair, 46% good and 4% excellent. **TOBACCO** was 90% topped, 5 points ahead of the five year average. Twenty-five percent of the crop had been harvested. Conditions were 1% very poor, 2% poor, 49% fair, 42% good and 6% excellent. Sixty-seven percent of **HAY** had been harvested.

OTHER ITEMS OF INTEREST

Ninety percent of **TOMATOES** had been harvested, 1 point ahead of last year and the five year average. **WATERMELON** and **CANTALOUPE** harvest continued with 71% and 70% harvested, respectively. Ninety-three percent of **CUCUMBERS** had been harvested, 7 points behind the five year average. The **SNAPBEAN** harvest was 83% complete, six points behind last year. **PEACH** harvest continued with 80% complete by the end of the week, well ahead of historical figures. **PASTURE** conditions were 2% very poor, 10% poor, 42% fair, 43% good and 3% excellent. **LIVESTOCK** conditions were at 1% very poor, 4% poor, 42% fair, 52% good and 1% excellent.

Crop Progress for Week Ending July 15, 2012

Crop and Stage	2012	2011	5-Yr Avg	Crop and Stage	2012	2011	5-Yr Avg
	Percent	Percent	Percent		Percent	Percent	Percent
Cantaloup, Harvested	70	84	79	Peanuts, Pegged	68	62	68
Corn, Silked	100	100	99	Snapbeans, Fresh, Harvested	83	89	93
Corn, Doughed	85	67	66	Soybeans, Planted	100	99	100
Corn, Matured	26	16	7	Soybeans, Emerged	100	91	96
Cotton, Squared	80	74	72	Soybeans, Bloomed	12	18	16
Cotton, Bolls Set	20	39	20	Tobacco, Topped	90	97	85
Cucumbers, Fresh, Harvested	93	99	100	Tobacco, Harvested	25	20	18
Hay, Other Hay, Harvested	67	74	65	Tomatoes, Fresh, Harvested	90	89	89
Peaches, Harvested	80	61	54	Watermelons, Harvested	71	85	76

Condition for Week Ending July 15, 2012

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent
Corn	0	5	40	46	9	Peanuts	1	2	31	57	9
Cotton	0	2	35	55	8	Soybeans	1	10	39	46	4
Livestock	1	4	42	52	1	Tobacco	1	2	49	42	6
Pasture	2	10	42	43	3						

South Carolina Weekly Weather Summary for the Week Ending July 15, 2012

The 24-hour open pan evaporation at Sandhill reached its highest value of the year on Monday morning at 0.55 inches. Darlington and Cedar Creek recorded 101 degrees. Edisto Beach reported their hottest day of the season at 96 degrees. Thunderstorms erupted during the evening hours at Columbia Metro AP and by sunrise on Tuesday 3.29 inches of rain had fallen. The Quinby community near Florence measured 2.60 inches. Tuesday's sub-tropical conditions helped to form scattered downpours for much of the State. A CoCoRaHS volunteer observer who is 3.2 miles NNE of Georgetown measured 5.38 inches of rain. Other intense rainfalls included 3.56 inches at Socastee, 2.80 inches at Allendale and 2.13 inches at Orangeburg. The Hamilton-Owens AP in Columbia recorded 1.85 inches of rain in a lightning-filled 27 minutes. An active sea-breeze boundary became the focus of heavy rain and thunder on Wednesday. The gage at Sullivan's Island received 3.17 inches, and, just across the harbor, the Charleston peninsula received 3.11 inches. Clusters of heavy rain cells moved northwest leaving 2.90 inches at Bennettsville, 3.50 inches of rain at Newberry and 4.12 inches at Winnsboro. Thursday began cloudy and by 1:00 p.m. the temperature at both Columbia Metro AP and McEntire AP had only reached 80 degrees. Afternoon thunderstorms developed across the Lowcountry and moved north. The Quinby community received another 3.26 inches of rain. Clinton welcomed 2.11 inches as did Cedar Creek with 1.98 inches. The Thursday high temperature reported at a cloudy Rock Hill, Calhoun Falls and Longtown was only 82 degrees. More heavy rains fell over the South Carolina Mountains on Friday. Caesars Head's 3.95 inches gave them a 5-day total of 11.57 inches. Agreeable weather was observed over the weekend as more temperate air from the Atlantic waters eased into the State. Sunny, blue skies against drifting cumulus clouds were noted on Saturday and Sunday. The Saturday high temperature at Charleston AP, Conway and Newberry was a seasonal 90 degrees. Chester, Bishopville and Pelion reported 90 degrees on Sunday. Only a few isolated thundershowers interrupted the pleasant summer weather. The State average temperature for the seven-day period was one degree above normal.

The highest official temperature reported was 103 degrees at Sandhill and Columbia on July 9. The lowest official temperature reported was 61 degrees at Caesars Head on July 14. The heaviest official 24-hour rainfall reported was 5.01 inches at Table Rock ending at 7:00 a.m. on July 11. The State average rainfall for the period was 1.8 inches.

SOIL: 4-inch depth soil temperature: Columbia 83 degrees, Charleston 86 degrees.

RIVERS AND SURF: South Carolina river stages were near to below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 86 degrees.

Precipitation

Location	Total for Week	Total for 2012	Deviation from Average
Greer AP	1.04	18.67	-6.7
Anderson AP	1.93	19.73	-4.2
Columbia Metro AP	4.72	23.62	-0.1
Orangeburg AP	3.45	24.56	-0.9
Charlotte, NC AP	2.28	18.64	-3.7
Augusta, GA Bush AP	0.44	14.03	-10.2
Florence AP	3.31	25.20	2.8
N Myrtle Beach AP	1.98	16.81	-8.0
Charleston AP	0.13	22.72	-2.4
Savannah, GA AP	1.26	22.40	-2.3

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