



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

With the exception of a line of thundershowers that passed through the state on Thursday, South Carolina experienced mostly dry, sunny conditions again this past week. Many of the locations that received light precipitation need additional moisture to trigger corn seed germination and activate chemicals. Locations that did receive adequate rainfall reported improved conditions of small grains. Only minor damage to crops from the thunderstorm was reported. South Carolina's soil moisture levels were reported as 5% very short, 9% short, 79% adequate and 7% surplus. There was a statewide average of 6.2 days suitable for field work.

FIELD CROPS

Extended dry weather allowed **CORN** planting to continue with 60% of corn reportedly planted. Thirty-five percent of this year's corn crop had emerged, just behind the five year average. **TOBACCO** farmers continued to set out tobacco transplants with 28% reportedly transplanted, eight points ahead of the five year average. **WINTER WHEAT** had just begun to head with 3% reportedly headed. Conditions were 1% very poor, 6% poor, 47% fair, 45% good, and 1% excellent. Likewise, **OATS** had just begun to head with 5% reportedly headed, well behind historical numbers. Oats were reportedly 2% very poor, 4% poor, 49% fair, 43% good, and 2% excellent.

OTHER ITEMS OF INTEREST

LIVESTOCK conditions were reported 17% fair, 81% good, and 2% excellent. **PASTURES** were reportedly 1% poor, 36% fair, 60% good, and 3% excellent. Sixty-five percent of **TOMATOES** had been planted. Nineteen percent of **CUCUMBERS** and 32% of **SNAPBEANS** had been planted; both remained behind the five year average. **CANTALOUPS** were planted at a rapid pace this past week with 45% reportedly planted. **WATERMELON** plantings made substantial gains as well with 55% reportedly planted. **PEACH** conditions were reportedly 19% fair, 71% good, and 10% excellent.

Crop Progress for Week Ending April 11, 2010

Crop and Stage	2010	2009	5-Yr Avg	Crop and Stage	2010	2009	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cantaloup, Planted	45	36	41	Snapbeans, Fresh, Planted	32	34	43
Corn, Planted	60	55	62	Tobacco, Transplanted	28	14	20
Corn, Emerged	35	24	36	Tomatoes, Fresh, Planted	65	57	61
Cucumbers, Fresh, Planted	19	19	36	Watermelons, Planted	55	46	51
Oats, Headed	5	26	29	Winter Wheat, Headed	3	12	18

Condition for Week Ending April 11, 2010

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>
Livestock	0	0	17	81	2	Peaches	0	0	19	71	10
Oats	2	4	49	43	2	Winter Wheat	1	6	47	45	1
Pasture	0	1	36	60	3						

South Carolina Weekly Weather Summary for the Week Ending April 11, 2010

On Monday at noon, the Columbia AP reported reduced visibilities from ten to six miles due to tree pollen haze. Date record warmth was recorded also at the Columbia AP with 91 degrees on Monday and 92 degrees on Tuesday. Daily, 24-hour open pan evaporation peaked at 0.42 inches on both Tuesday and Wednesday at the Sandhill site. A cold front approached from the northwest on Thursday. Severe thunderstorms began developing in lines during the late afternoon hours and produced weak, short duration tornadoes at Fair Play in Oconee County and near Pendleton in Anderson County. Just before midnight, a last tornado caused light property damage in Bluffton. Outside of the hail reports and high winds, many locations received one-quarter to one-half inch rains that helped cleanse the air and exposed surfaces of airborne pollen spores. Keowee Dam reported one of the heaviest rainfall amounts with 1.31 inches. Much cooler conditions followed the frontal passage and were evidenced by afternoon maximum temperatures on Friday falling by around twenty degrees from those on Tuesday. Little Mountain and Batesburg only warmed to 67 degrees. Hartsville and Loris recorded Saturday morning low temperatures of 39 degrees. Dry and mild, sunny weather was observed Sunday. The state average temperature for the seven day period was six degrees above normal.

The highest official temperature reported was 94 degrees at Camden on April 6. The lowest official temperature reported was 32 degrees at Chesnee on April 11. The heaviest official 24-hour rain reported was 1.43 inches at Walhalla ending at 7:00 a.m. on April 9. The state average rainfall for the period was 0.4 inches.

SOIL: 4-inch depth soil temperature: Columbia 65 degrees, Charleston 66 degrees.

RIVERS AND SURF: South Carolina river stages were near to below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 63 degrees.

Precipitation

Location	Total for Week	Total for 2010	Deviation from Average
Greer	0.19	12.39	-3.0
Anderson	0.59	12.34	-2.6
Columbia	0.43	8.83	-5.5
Orangeburg	0.22	11.00	-3.1
Charlotte, NC	0.35	13.39	0.3
Augusta, GA	0.25	11.21	-3.2
Florence	0.07	8.44	-3.8
N Myrtle Beach	0.11	9.60	-2.4
Charleston	0.47	14.07	1.8
Savannah, GA	1.16	13.41	1.6

Weekly rainfall totals this period ending midnight Sunday.



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