



# Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Weekly Summary for Aug 8-Aug 14

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## Storms Bring Relief, Cause Damage

The week began with temperatures as high as 112, but quickly cooled off with a series of storms mid-week. This ended a 50 day streak of temperatures over 100 degrees for five Mesonet stations in southwestern Oklahoma, the third longest streak on record. Precipitation averaged 1.5 inches for the state, although the rains were more substantial in some areas than others. The Panhandle, Southwest and South Central districts averaged less than an inch, while the Northeast averaged 3.38 inches of rain. Tulsa broke its one day rainfall record for August 11th with 3.44 inches. The moisture was welcome, but came at the cost of power outages, damaged roofs and farm structures, and downed trees. Straight-line winds as strong as 96 mph were recorded. An EF-2 tornado touched down near Locust Grove in Cherokee County, resulting in one death and destroying several mobile homes. Topsoil and subsoil moisture conditions showed some improvement with 71 percent and 83 percent rated very short, respectively and a very modest portion now rated adequate. There were 5.3 days suitable for field work.

### Soil Moisture Conditions by Percent

Week Ending Sunday, August 14, 2011

Moisture Rating	Current Week	Previous Week	One Year Ago
<b>Topsoil</b>			
Very Short	71	90	33
Short	23	10	49
Adequate	6	0	18
Surplus	0	0	0
<b>Subsoil</b>			
Very Short	83	89	18
Short	15	11	45
Adequate	2	0	37
Surplus	0	0	0

**Small Grains:** Even with recent rains, most producers were waiting for more moisture to begin fall field preparation. Plowing of **wheat** ground was 84 percent complete and seven percent of seedbeds were prepared by week's end. **Rye** ground plowed reached 83 percent complete by Sunday and plowing of **oat** ground reached 81 percent complete by the end of the week.

**Row Crops:** The rainfall received has not affected overall crop conditions with most crops rated mostly poor to very poor although peanuts were rated mostly good to fair. Baling of failed crops continued as many producers tried to salvage something from this year's crop. Of the **corn** still in the fields, 93 percent reached the dough stage, 72 percent reached the dent stage, and 39 percent was mature by week's end. **Sorghum** heading reached 56 percent complete, sorghum coloring reached 30 percent complete and eight percent was mature by Sunday. **Soybean** blooming was 76 percent complete by Sunday, and 39 percent were setting pods by week's end. **Peanut** pegging was 95 percent complete and 46 percent of plants were setting pods, 27 points behind normal. **Cotton** emerged reached 95 percent complete, cotton squaring was 80 percent complete, and 30 percent was setting bolls, 38 points behind the five-year average.

**Miscellaneous Crops:** The **watermelon** harvest was 95 percent complete, 16 points ahead of normal.

**Hay:** Conditions continued to be rated mostly very poor, despite the recent rains. Second cuttings of alfalfa reached 91 percent complete and third cuttings reached 32 percent complete, 60 points behind normal. First cuttings of other hay were 92 percent complete and the second cutting was 14 percent complete by Sunday.

### Conditions by Percent

For Week Ending Sunday, August 14, 2011

Commodity	Very Poor	Poor	Fair	Good	Excellent
Corn	54	28	15	3	0
Sorghum	50	38	11	1	0
Soybeans	49	33	16	2	0
Peanuts	6	10	50	34	0
Cotton	49	37	12	2	0
Alfalfa	63	24	10	3	0
Other Hay	65	24	10	1	0
Livestock	10	25	43	21	1
Pasture and Range	63	28	8	1	0

**Pasture and Livestock:** Pasture and range conditions were rated mostly very poor, forcing livestock producers to continue looking for scarce hay supplies. Livestock conditions were rated mostly fair to poor. Supplemental feeding continued as poor pasture and grass conditions prevailed across the state. Cattle liquidation continued due to the limited availability of water, hay and the increased costs of supplemental feeding. Prices for feeder steers less than 800 pounds averaged \$135 per cwt. Prices for heifers less than 800 pounds averaged \$126 per cwt.

### Crop Progress by Percent

For Week Ending Sunday, August 14, 2011

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
<b>Wheat</b>	Plowed	84	82	99	92
	Seedbed Prepared	7	N/A	31	22
<b>Rye</b>	Plowed	83	82	94	92
<b>Oats</b>	Plowed	82	81	100	93
<b>Corn</b>	Dough	93	91	95	89
	Dent	72	57	75	N/A
	Mature	39	33	31	28
<b>Sorghum</b>	Headed	56	55	82	60
	Coloring	30	29	30	22
	Mature	8	N/A	N/A	N/A
<b>Soybeans</b>	Blooming	76	64	84	75
	Setting Pods	39	25	51	47
<b>Peanuts</b>	Pegging	95	93	96	97
	Setting Pods	46	39	68	73
<b>Cotton</b>	Emerged	95	83	100	100
	Squaring	80	62	100	95
	Setting Bolls	30	13	87	68
<b>Alfalfa Hay</b>	2nd Cutting	91	90	100	100
	3rd Cutting	32	30	94	92
<b>Other Hay</b>	1st Cutting	92	91	99	96
	2nd Cutting	14	13	54	35
<b>Watermelons</b>	Harvested	95	87	80	79

### Mesonet Temperature and Precipitation Data

Week Ending Sunday, August 14, 2011

**Weather for Week Ending August 14, 2011:**

Temperatures ranged from 60 degrees at Boise City to 112 degrees at Waurika on Tuesday, August 9th. Precipitation ranged from 0.29 of an inch in the Panhandle district to 3.38 inches in the Northeast district. Soil temperature averages ranged from 72 degrees at Tahlequah on Friday, August 12th, to 101 degrees at Tipton on Monday, August 8th and at Chickasha on Tuesday, August 9th.

District	Temperature			Precipitation			
	High	Low	Average	Current Week	March 1, 2011 to August 14, 2011		
					Total	Departure From Normal	Percent of Normal
	Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent
Panhandle	95	67	79	0.29	4.29	-9.15	32
West Central	96	70	82	1.27	6.37	-10.75	37
Southwest	101	73	87	0.49	5.80	-11.65	33
North Central	95	69	81	1.32	9.76	-8.89	52
Central	96	71	82	2.10	12.20	-8.52	59
South Central	100	74	86	0.73	9.73	-11.50	46
Northeast	91	69	78	3.38	19.96	-2.41	89
East Central	95	70	81	2.84	22.12	-1.33	94
Southeast	99	72	85	1.11	20.04	-4.79	81

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