



# Oklahoma Crop Weather

Oklahoma Field Office

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## No Relief from Hot and Dry Conditions

There was no relief from the excessive heat last week as triple digit temperatures were recorded across the state prompting heat advisories and excessive heat warnings. Temperatures averaged in the mid-80s; the average highs for all nine districts ranged from 97 to 102 degrees. The state received even less precipitation than the week before, averaging 0.17 inches of rain. The highest rainfall for the state was only 0.44 inches in the North Central district. More rain is needed soon to combat the heat stress in row crops and improve pasture conditions. Topsoil moisture conditions were rated mostly in the short to very short range with only 16 percent rated adequate. Subsoil moisture conditions were rated mostly in the adequate to short range with 19 percent rated very short, up eight points from the previous week. There were 6.7 days suitable for field work, though the extreme heat kept many out of the fields.

### Soil Moisture Conditions by Percent

Week Ending Sunday, August 15, 2010

Moisture Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	34	21	17	19	11	18
Short	50	46	36	46	40	39
Adequate	16	32	46	35	49	43
Surplus	0	1	1	0	0	0

**Small Grains:** **Wheat** seedbed preparation was 35 percent complete by week's end, 13 points ahead of normal. Ninety-four percent of **rye** ground was plowed by Sunday, and 32 percent of rye seedbeds were prepared by week's end. **Oat** seedbed preparation reached 31 percent complete by Sunday.

**Row Crops:** Most of the state's row crops were rated in the good to fair range, however, additional rainfall is needed to ensure adequate development. Virtually all **corn** had reached the dough stage by week's end, ahead of normal. Corn dent reached 77 percent complete, 38 points up from the previous year. Thirty-three percent of corn had matured by Sunday. **Sorghum** headed reached 84 percent complete, 26 points ahead of the five-year average. Sorghum coloring reached 32 percent complete, 11 points ahead of normal. **Soybeans** blooming was at 85 percent by week's end, ten points ahead of the five-year average. Soybeans setting pods reached 54 percent complete, 18 points up from the week prior, and four points ahead of the five-year average. **Peanuts** pegging was virtually complete by week's end, and 70 percent of the plants were setting pods, seven points behind normal. Ninety percent of the **cotton** crop was setting bolls by week's end, 21 points ahead of normal.

**Miscellaneous Crops:** The **watermelon** harvest was 82 percent complete by week's end, an increase of 12 points from the week prior.

**Hay:** Conditions worsened slightly from the week prior but continued to be rated mostly in the good to fair range. The third cutting of **alfalfa** was 94 percent complete and 52 percent of the fourth cutting was complete by week's end. The second cutting of **other hay** was 56 percent complete by Sunday, 21 points ahead of normal.

**Pasture and Range:** The extreme heat continued to affect pastures across much of the state, as did problems with grasshoppers. Pasture and range conditions decreased from the week before but were rated mostly in the good to fair range, with 16 percent rated poor to very poor.

**Livestock:** The lack of pasture and the excessive heat have started to affect cattle in some areas. Livestock conditions rated mostly in the good to fair range with nine percent rated excellent. Prices for feeder steers less than 800 pounds averaged \$115 per cwt. Prices for heifers less than 800 pounds averaged \$109 per cwt.

### Conditions by Percent

For Week Ending Sunday, August 15, 2010

Item	Very Poor	Poor	Fair	Good	Excellent
<b>Row Crops -</b>					
Corn	0	8	26	52	14
Sorghum	1	4	31	49	15
Soybeans	1	5	31	55	8
Peanuts	0	0	18	70	12
Cotton	0	3	26	55	16
<b>Hay</b>					
Alfalfa Hay	2	9	49	37	3
Other Hay	2	7	49	38	4
<b>Livestock, Pasture and Range -</b>					
Livestock	1	3	27	60	9
Pasture and Range	3	13	49	32	3

### Crop Progress by Percent

Crop and Event	Week Ending			2005-2009 Average	Crop and Event	Week Ending			2005-2009 Average
	August 15, 2010	August 8, 2010	August 16, 2009			August 15, 2010	August 8, 2010	August 16, 2009	
<b>Wheat -</b>					<b>Soybeans-</b>				
Seedbed Prepared	35	9	17	22	Blooming	85	75	83	75
<b>Rye-</b>					<b>Peanuts-</b>				
Plowed	94	92	92	94	Setting Pods	54	36	49	50
Seedbed Prepared	32	9	14	6	<b>Other Hay -</b>				
<b>Oats-</b>					<b>Watermelons -</b>				
Seedbed Prepared	31	18	18	7	Harvested	82	70	66	79
<b>Corn-</b>									
Dough	95	92	88	90					
Dent	77	65	39	N/A					
Mature	33	19	12	29					
<b>Sorghum-</b>									
Headed	84	73	49	58					
Coloring	32	21	13	21					

**Weather for Week Ending August 15, 2010:** Temperatures ranged from 58 degrees at Kenton on Saturday, August 14th, to 109 degrees at Freedom on Friday, August 13th. Precipitation ranged from 0.02 in the East Central district to 0.44 inches in the North Central district. Soil temperature averages ranged from 78 degrees at Boise City on Friday, August 13th, to 98 degrees at Chickasha on Saturday, August 14th.

### Mesonet Temperature and Precipitation Data

Week Ending Sunday, August 15, 2010

District	Temperature			Precipitation			
	High	Low	Average	This Week	March 1, 2010 to August 15, 2010		
					Total	Departure From Normal	Percent of Normal
Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent	
Panhandle	97	68	82	0.27	12.49	-1.03	92
West Central	101	73	87	0.08	14.17	-3.04	82
Southwest	102	75	88	0.09	15.86	-1.68	90
North Central	101	75	87	0.44	19.35	0.60	103
Central	100	75	88	0.13	20.76	-0.06	100
South Central	102	76	88	0.13	17.94	-3.38	84
Northeast	100	75	87	0.30	22.24	-0.23	99
East Central	101	76	88	0.02	19.51	-4.03	83
Southeast	101	74	87	0.04	18.20	-6.72	73