



# Oklahoma Crop Weather

Oklahoma Field Office

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## Extreme Heat Continues

The week began with heat advisories across the state and the high temperatures for the week occurring on Monday. Triple digit temperatures continued most of the week as did the heat advisories and excessive heat warnings. The average high temperatures for the week for all nine districts ranged from 97 to 100 degrees with heat indices much higher. As the heat continued so did the need for rainfall with the state averaging only 0.38 inches of rain. The highest rainfall for the state was 0.84 inches in the Southeast district. Field crops and pastures were starting to show signs of stress as a result of the hot and dry weather while grasshopper infestations further depleted available pasture. Topsoil and subsoil conditions were rated mostly in the adequate to short range. Topsoil rated very short increased by 13 points to 21 percent while 11 percent of subsoil was rated very short, up three points from the previous week. There were 6.5 days suitable for field work.

### Soil Moisture Conditions by Percent

Week Ending Sunday, August 8, 2010

Moisture Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	21	8	15	11	8	18
Short	46	44	33	40	30	38
Adequate	32	47	51	49	62	43
Surplus	1	1	1	0	0	1

**Small Grains:** Virtually all **wheat** ground was plowed by week's end and nine percent of wheat seedbeds were prepared. Ninety-two percent of **rye** was plowed by Sunday, and nine percent of rye seedbeds were prepared by week's end. **Oat** seedbed preparation reached 18 percent complete, 13 points ahead of the previous year.

**Row Crops:** Despite the extreme heat and lack of precipitation most of the state's row crops were rated in the good to fair range. Ninety-two percent of **corn** reached the dough stage by week's end, 12 points ahead of the five-year average. Corn dented reached 65 percent complete, 21 points up from the previous week, while 19 percent of corn had matured. **Sorghum** headed reached 73 percent complete, 28 points ahead of the five-year average. Sorghum coloring reached 21 percent complete, six points ahead of normal. **Soybeans** in the blooming stage were at 75 percent by week's end, a ten point increase from the week earlier, and seven points ahead of the five-year average. Soybeans setting pods reached 36 percent complete, a ten point increase from the week prior, but four points behind the five-year average. **Peanuts** pegging reached 93 percent complete by week's end, and 55 percent of the plants were setting pods, 12 points below normal. **Cotton** squaring was virtually complete by Sunday, nine points ahead of the five-year average. Sixty-six percent of the cotton crop was setting bolls by week's end, 15 points ahead of normal.

**Miscellaneous Crops:** **Watermelon** harvest reached 70 percent complete by week's end, an increase of 18 points from the week prior.

**Hay:** The third cutting of **alfalfa** was 93 percent complete and 34 percent of the fourth cutting was completed by week's end. The first cutting of **other hay** was virtually complete and 39 percent of the second cutting was completed by Sunday. Both alfalfa and other hay conditions continue to be rated mostly in the good to fair range.

**Pasture and Range:** The heat has affected the availability of pasture in some parts of the state, as have problems with grasshoppers. Overall, pasture and range conditions were rated mostly in the good to fair range, with only six percent rated excellent.

**Livestock:** The lack of pasture and the excessive heat have started to affect cattle and poultry in some areas. Livestock conditions rated mostly in the good to fair range with 10 percent rated excellent, overall. 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 8, 2010

Item	Very Poor	Poor	Fair	Good	Excellent
<b>Row Crops -</b>					
Corn	0	8	26	51	15
Sorghum	1	3	30	53	13
Soybeans	0	3	27	54	16
Peanuts	3	0	13	75	9
Cotton	0	1	11	62	26
<b>Hay -</b>					
Alfalfa Hay	2	5	41	47	5
Other Hay	2	5	34	52	7
<b>Livestock, Pasture and Range -</b>					
Livestock	1	3	23	63	10
Pasture and Range	2	8	38	46	6

### Crop Progress by Percent

Crop and Event	Week Ending			2005-2009 Average	Crop and Event	Week Ending			2005-2009 Average
	August 8, 2010	August 1, 2010	August 9, 2009			August 8, 2010	August 1, 2010	August 9, 2009	
<b>Wheat -</b>					<b>Soybeans-</b>				
Plowed	95	94	92	87	Blooming	75	65	74	68
Seedbed Prepared	9	N/A	7	8	Setting Pods	36	26	38	40
<b>Rye-</b>					<b>Peanuts-</b>				
Plowed	92	91	87	90	Pegging	93	89	93	96
Seedbed Prepared	9	N/A	N/A	N/A	Setting Pods	55	53	47	67
<b>Oats-</b>					<b>Cotton-</b>				
Seedbed Prepared	18	N/A	5	N/A	Squaring	99	89	91	90
<b>Corn-</b>					<b>Alfalfa -</b>				
Dough	92	89	80	80	Setting Bolls	66	51	41	51
Dent	65	44	30	N/A	3rd Cutting	93	91	88	90
Mature	19	N/A	N/A	N/A	4th Cutting	34	20	30	33
<b>Sorghum-</b>					<b>Other Hay -</b>				
Headed	73	60	39	45	1st Cutting	95	93	92	94
Coloring	21	14	8	15	2nd Cutting	39	29	25	27
					<b>Watermelons -</b>				
					Harvested	70	52	51	69

**Weather for Week Ending August 8, 2010:** Temperatures ranged from 60 degrees at Boise City on Tuesday, August 3rd, to 109 degrees at Freedom on Monday, August 2nd. Precipitation ranged from 0.04 in the Central district to 0.84 inches in the Southeast district. Soil temperature averages ranged from 79 degrees at Boise City on Saturday, August 7th, to 97 degrees at Chickasha on Wednesday, August 4th, and at Hugo on Thursday, August 5th.

### Mesonet Temperature and Precipitation Data

Week Ending Sunday, August 8, 2010

District	Temperature			Precipitation			
	High	Low	Average	This Week	March 1, 2010 to August 8, 2010		
					Total	Departure From Normal	Percent of Normal
Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent	
Panhandle	97	68	83	0.72	12.22	-0.73	94
West Central	99	72	85	0.40	14.08	-2.51	85
Southwest	100	73	86	0.05	15.77	-1.17	93
North Central	99	73	86	0.61	18.91	0.84	105
Central	98	74	85	0.04	20.59	0.37	102
South Central	100	74	87	0.08	17.81	-2.93	86
Northeast	97	73	84	0.58	21.95	0.20	101
East Central	98	74	85	0.13	19.49	-3.40	85
Southeast	99	74	85	0.84	18.09	-6.22	74