



# Oklahoma Crop Weather

Oklahoma Field Office

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## Scorching Temperatures and Parched Soil

District average temperatures fell between 83 and 86 degrees across the State. On Sunday, July 27, the high for the week, 106 degrees, was recorded in Tipton. Nearly all of Oklahoma was under a heat-related weather advisory sometime last week. In northern Oklahoma, towards the end of the week, an excessive heat advisory, or a prolonged period of dangerously hot temperatures, was in effect for Creek, Mayes, Muskogee, Okmulgee, Pawnee, Rogers, Sequoyah, Tulsa and Wagoner counties. Hot, dry winds were taking a toll on both irrigated and dryland crops. In some areas, irrigated crops were having to be watered around the clock to keep up with moisture needs. The State averaged 0.09 inches of rainfall throughout the week. Topsoil and subsoil moisture supplies decreased, leaving 28 percent of the State's topsoil moisture rated very short. With the dry conditions in many areas, there were 6.5 days suitable for fieldwork.

### Soil Moisture Conditions by Percent

Week Ending Sunday, July 27, 2008

Moisture Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	28	17	4	20	21	2
Short	35	27	18	30	21	9
Adequate	37	53	68	49	56	79
Surplus	0	3	10	1	2	10

**Small Grains:** Many producers continued to cultivate small grain acres last week, causing **winter wheat** plowed to jump eight percentage points, **rye** plowed to increase six percentage points, and **oats** plowed to go up nine percentage points from the previous week. All were running close to normal.

**Row Crops:** Hot, dry days have slowed progression of row crops. Some recently planted double crops risk failure if rainfall is not received. **Corn** silking reached 86 percent, an increase of seven percentage points from last week but two points behind normal. Forty-five percent of the corn crop had reached the dough stage, up eight points from the previous week but also eight points behind the five-year average. Twenty-three percent of the corn crop was beginning to dent. **Sorghum** emerged was at 86 percent, a 10 point jump from the previous week but 12 points behind normal. Twenty-five percent of the State's sorghum had headed, an increase of three points from the previous week. A small percentage of the State's sorghum was coloring by week's end. **Soybeans** emerged were at 98 percent, an increase of six points from the previous week and four points ahead of the five-year average. Soybeans blooming were at 53 percent by the end of the week, an increase of seven points from the previous week and five points ahead of normal. Thirteen percent of the State's soybeans were setting pods, 13 points behind normal. **Peanuts** pegging increased four points from the previous week to reach 85 percent, eight points behind normal, while peanuts setting pods were at 56 percent, five points behind normal. **Cotton** squaring increased two points to reach 66 percent, 17 points behind normal, and 19 percent of the State's cotton acreage was setting bolls, 15 points behind the five-year average.

**Hay:** The warm, dry weather allowed producers to cut and bale hay through Sunday. Eighty-three percent of the State's **alfalfa** had been cut for the third time, an eight point increase from the previous week and three percentage points ahead of normal. Twelve percent of the State's alfalfa had been cut for the fourth time. **Other hay** first cutting increased six points from the previous week to reach 86 percent complete, while other hay second cutting reached 14 percent, 12 points behind the five-year average.

**Miscellaneous Crops:** Ninety-five percent of the State's **watermelons** were setting fruit, an increase of three percentage points from last week but four points behind normal. Watermelons harvested had reached 54 percent complete by week's end, nine points behind normal.

**Pasture and Range:** Pasture and range conditions remained mostly in the good to fair range despite the recent, extremely dry weather.

**Livestock:** Prices for feeder steers less than 800 pounds averaged \$112 per cwt. Prices for heifers less than 800 pounds averaged \$105 per cwt. Livestock conditions were rated mostly in the good to fair range. Mostly light to moderate insect activity was reported.

### Conditions by Percent

Week Ending Sunday, July 27, 2008

Item	Very Poor	Poor	Fair	Good	Excellent
<b>Hay -</b>					
Alfalfa	4	10	35	43	8
Other Hay	5	10	33	43	9
<b>Livestock, Pasture and Range -</b>					
Livestock	1	5	25	60	9
Pasture and Range	4	10	35	43	8
<b>Row Crops -</b>					
Corn	0	4	17	69	10
Soybeans	0	3	39	51	7
Peanuts	0	2	22	69	7
Cotton	1	10	46	42	1
Sorghum	1	15	45	35	4

### Crop Progress by Percent

Week Ending Sunday, July 27, 2008

Crop and Event	This Week	Last Week	Last Year	5 Year Average	Crop and Event	This Week	Last Week	Last Year	5 Year Average
<b>Wheat -</b>					<b>Peanuts -</b>				
Plowed	80	72	47	80	Pegging	85	81	92	93
<b>Rye -</b>					Setting Pods	56	54	64	61
Plowed	83	77	54	71	<b>Cotton -</b>				
<b>Oats -</b>					Squaring	66	64	69	83
Plowed	80	71	50	83	Setting Bolls	19	17	23	34
<b>Corn -</b>					<b>Watermelon -</b>				
Silking	86	59	93	88	Setting Fruit	95	92	100	99
Dough	45	37	66	53	Harvested	54	45	56	63
Dent	23	13	N/A	N/A	<b>Alfalfa Hay -</b>				
<b>Sorghum -</b>					3rd cutting	83	75	54	80
Emerged	86	76	97	98	4th cutting	12	N/A	N/A	N/A
Headed	25	22	24	29	<b>Other Hay -</b>				
<b>Soybeans -</b>					1st cutting	86	80	83	90
Emerged	98	92	74	94	2nd cutting	14	N/A	16	26
Blooming	53	46	25	48					
Setting Pods	13	N/A	N/A	26					

**Weather for Week Ending July 27, 2008:** Temperatures ranged from 61 degrees at Slapout on Monday, July 21, 2008 to 106 degrees at Tipton on Sunday, July 27, 2008. Precipitation ranged from 0 in the North Central, West Central, Central, Southwest, South Central districts to 0.52 inches in the Northeast district. Soil temperatures averaged 78 degrees at Boise City on Monday, July 21, 2008 to 96 degrees at Durant on Tuesday, July 22, 2008.

### Mesonet Temperature and Precipitation Data

Week Ending Sunday, July 27, 2008

District	Temperature			This Week	Precipitation		
	High	Low	Average		March 1, 2008 to July 27, 2008		
					Total	Departure from Normal	Percent of Normal
<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Percent</i>	
Panhandle	97	68	83	0.07	6.72	-5.26	56
West Central	99	72	86	0.00	14.27	-1.34	91
Southwest	99	72	86	0.00	13.27	-2.69	83
North Central	100	73	86	0.00	19.87	2.97	118
Central	98	72	85	0.00	22.10	2.89	115
South Central	99	72	86	0.00	19.07	-0.69	97
Northeast	95	72	83	0.52	35.62	15.10	174
East Central	97	72	84	0.07	30.21	8.45	139
Southeast	98	70	83	0.12	29.98	6.84	130