



# Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Weekly Summary for Jul 4-Jul 10

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## Record Breaking Temperatures Continue

Extreme heat continued across the state over the past week. The average high temperatures for all nine districts reached 100 degrees or higher and multiple temperature records were broken across the state. On Saturday, the high of 110 in Oklahoma City not only broke the record for July 9th, but was tied for the third highest temperature ever recorded at that location. The high for the state over the past week was 114 degrees at Freedom in north central Oklahoma. Grass fires continue to be reported and 54 of the state's 77 counties are currently under burn bans. The heat is affecting even the irrigated crops, while the production of hay and availability of grazing and forage continue to be limited. The extreme heat is also affecting Oklahoma's ponds and lakes with reports of fish kills and toxic blue-green algae. The latest U.S. Drought Monitor rates the drought intensity for almost 94 percent of the state as moderate or higher. The average rainfall for the state was an abysmal 0.07 of an inch, with a few Mesonet locations in eastern Oklahoma recording more than half an inch.

Topsoil and subsoil moisture conditions continued to be rated mostly very short. There were 6.5 days suitable for field work.

Soil Moisture Conditions by Percent			
Week Ending Sunday, July 10, 2011			
Moisture Rating	Current Week	Previous Week	One Year Ago
<b>Topsoil</b>			
Very Short	78	67	3
Short	19	28	10
Adequate	3	5	58
Surplus	0	0	29
<b>Subsoil</b>			
Very Short	70	64	4
Short	26	29	12
Adequate	4	7	66
Surplus	0	0	18

**Small Grains:** An early finish to harvest means that plowing is ahead of normal, although in some areas it is too dry to plow the land. **Wheat** ground plowed reached 68 percent complete by Sunday, 13 points ahead of normal. Plowing of both **rye** and **oat** ground reached 62 percent complete, both ahead of normal.

**Row Crops:** Crop conditions continued to worsen from the expanding drought, with none rated excellent and only peanuts rated mostly good. **Corn** silking reached 86 percent complete by week's end and 14 percent of the crop had reached the dough stage. **Sorghum** emerged reached 91 percent complete and 20 percent of the crop was heading by Sunday. **Soybean** emergence was 95 percent complete and 24 percent of plants were blooming, both ahead of the five-year average. **Peanut** emergence was completed and 39 percent of plants were pegging by week's end, 27 points behind normal. **Cotton** emerged reached 75 percent complete by Sunday while cotton squaring was 16 percent complete, both significantly behind the five-year average.

**Miscellaneous Crops:** Virtually the entire **watermelon** crop was setting fruit by the end of the week, and 10 percent was harvested, ahead of normal.

**Hay:** Both the quality and quantity of hay have been affected by the prolonged drought, with lower yields and fewer cuttings expected for the season. Conditions for all hay were rated mostly in the poor to very poor range. Second cuttings of alfalfa reached 82 percent complete and third cuttings reached 11 percent complete, 26 points behind normal. First cuttings of other hay reached 73 percent complete.

Conditions by Percent					
For Week Ending Sunday, July 10, 2011					
Commodity	Very Poor	Poor	Fair	Good	Excellent
Corn	21	20	35	24	0
Sorghum	10	34	39	17	0
Soybeans	16	23	46	15	0
Peanuts	1	6	35	58	0
Cotton	47	31	17	5	0
Alfalfa	42	28	24	6	0
Other Hay	45	29	21	5	0
Livestock	5	19	43	31	2
Pasture and Range	37	32	25	6	0

**Pasture and Livestock:** Pasture and range conditions were rated mostly poor to very poor. Livestock conditions continue to be rated mostly fair to good. Operators are continuing to sell cattle due to the lack of grazing and the shortage of hay. Nitrate levels are also a concern for cattle producers. Prices for feeder steers less than 800 pounds averaged \$141 per cwt. Prices for heifers less than 800 pounds averaged \$133 per cwt.

### Crop Progress by Percent

For Week Ending Sunday, July 10, 2011

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Wheat	Plowed	68	60	59	55
Rye	Plowed	62	58	58	55
Oats	Plowed	62	52	59	54
Corn	Silking	86	69	78	67
	Dough	14	N/A	N/A	N/A
Sorghum	Emerged	91	83	94	76
	Headed	20	9	14	8
Soybeans	Emerged	95	89	97	82
	Blooming	24	9	19	19
Peanuts	Emerged	100	94	100	100
	Pegging	39	29	59	66
Cotton	Emerged	75	73	100	100
	Squaring	16	7	68	52
Alfalfa Hay	2nd Cutting	82	77	91	92
	3rd Cutting	11	7	40	37
Other Hay	1st Cutting	73	71	77	76
Watermelons	Setting Fruit	98	80	92	87
	Harvested	10	N/A	N/A	N/A

### Mesonet Temperature and Precipitation Data

Week Ending Sunday, July 10, 2011

District	Temperature			Precipitation			
	High	Low	Average	Current Week	Mar 1, 2011 to July 10, 2011		
					Total	Departure From Normal	Percent of Normal
	Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent
Panhandle	102	69	86	0.01	2.59	-8.01	24
West Central	104	75	90	0.00	4.44	-10.01	31
Southwest	106	76	91	0.01	5.07	-9.69	34
North Central	103	73	88	0.01	7.05	-8.21	46
Central	104	75	90	0.01	9.38	-8.41	53
South Central	104	76	90	0.10	8.58	-9.79	47
Northeast	100	73	86	0.10	15.35	-3.44	82
East Central	101	74	88	0.07	18.28	-1.85	91
Southeast	102	73	87	0.31	18.19	-3.00	86

#### Weather for Week Ending July 10, 2011:

Temperatures ranged from 61 degrees at Boise City on Monday, July 4th, to 114 degrees at Freedom on Saturday, July 9th. Precipitation ranged from zero in the West Central district to 0.31 of an inch in the Southeast district. Soil temperature averages ranged from 82 degrees at Tahlequah on Monday, July 4th, to 99 degrees at Chickasha on Sunday, July 10th.

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