



# Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Weekly Summary for Jul 18-Jul 24

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## Drought Continued to Devastate

Temperatures continued to top 100 degrees, resulting in heat advisories and excessive heat warnings throughout the week. The average high temperatures for all nine districts ranged from 102 to 105 degrees, with a high of 110 for the state at Marena in Payne County. Scattered showers fell mostly on Sunday evening, leaving over an inch of precipitation in isolated areas. However, over half of the Mesonet stations recorded no rainfall for the week, including all of the Southwest and South Central districts. The extreme heat and lack of precipitation continued to affect livestock ponds and water supplies. Some municipalities issued water use restrictions and blue green algae continued to be a problem. Pasture conditions continued to deteriorate causing more reliance on hay and supplemental feeding. Governor Fallin recognized this by easing restrictions on trucks hauling hay this past Friday. Dryland crops continued to fail and were being salvaged for livestock feed. In the face of limited hay supplies, cattle operators continued selling additional cattle. Topsoil and subsoil moisture conditions continued to be rated mostly very short. There were 6.3 days suitable for field work.

### Soil Moisture Conditions by Percent

Week Ending Sunday, July 24, 2011

Moisture Rating	Current Week	Previous Week	One Year Ago
<b>Topsoil</b>			
Very Short	89	83	6
Short	11	15	26
Adequate	0	2	66
Surplus	0	0	2
<b>Subsoil</b>			
Very Short	84	77	5
Short	15	20	21
Adequate	1	3	73
Surplus	0	0	1

**Small Grains:** Plowing of small grain fields slowed due to extremely dry conditions. **Wheat** ground plowed reached 78 percent complete by Sunday. Plowing of **rye** ground reached 79 percent complete and plowing of **oat** ground reached 77 percent complete by the end of the week.

**Row Crops:** Conditions of all row crops continued to decline over the past week due to the drought and record-breaking heat. Reports of corn and sorghum being cut for hay increased as dryland crops continued to fail and even irrigated crops were being impacted by the lack of irrigation water. **Corn** silking reached 96 percent complete by week's end. Sixty-four percent of the crop had reached the dough stage by Sunday and 19 percent had reached the dent stage, both ahead of normal. **Sorghum** heading reached 45 percent complete, 19 points ahead of the five-year average. **Soybean** blooming was 52 percent complete by Sunday, and seven percent were setting pods by week's end. **Peanut** pegging was 86 percent complete and 18 percent of plants were setting pods, a 13 point increase from the previous week, though significantly behind normal. **Cotton** emerged reached 79 percent complete by Sunday and cotton squaring was 44 percent complete, both significantly behind the five-year average. A small portion of the cotton crop was setting bolls by week's end, 21 points behind normal.

**Miscellaneous Crops:** The **watermelon** harvest was 55 percent complete, only five points ahead of normal.

**Hay:** Conditions for all hay continued to worsen this past week and were rated mostly very poor. The limited growth of hay has reduced hay supplies even further. Second cuttings of alfalfa reached 87 percent complete and third cuttings reached 17 percent complete, more than 50 points behind normal. First cuttings of other hay reached 86 percent complete and the second cutting was nine percent complete by Sunday.

**Pasture and Livestock:** Pasture and range conditions were rated mostly very poor. Livestock conditions continue to be rated mostly good to fair. Operators continued to cull and liquidate cattle herds due to dwindling hay stocks and lack of pasture. Prices for feeder steers less than 800 pounds averaged \$134 per cwt. Prices for heifers less than 800 pounds averaged \$126 per cwt.

### Conditions by Percent

For Week Ending Sunday, July 24, 2011

Commodity	Very Poor	Poor	Fair	Good	Excellent
Corn	37	29	30	4	0
Sorghum	36	40	22	2	0
Soybeans	31	27	31	11	0
Peanuts	6	1	43	50	0
Cotton	41	38	16	5	0
Alfalfa	53	30	15	2	0
Other Hay	56	26	16	2	0
Livestock	10	22	41	26	1
Pasture and Range	53	31	14	2	0

### Crop Progress by Percent

For Week Ending Sunday, July 24, 2011

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Wheat	Plowed	78	76	81	74
Rye	Plowed	79	69	88	76
Oats	Plowed	77	74	91	76
Corn	Silking	96	94	99	89
	Dough	64	46	60	50
	Dent	19	N/A	N/A	N/A
Sorghum	Headed	45	30	53	26
Soybeans	Blooming	52	37	51	47
	Setting Pods	7	N/A	N/A	N/A
Peanuts	Pegging	86	80	84	85
	Setting Pods	18	5	46	46
Cotton	Emerged	79	77	100	100
	Squaring	44	31	85	74
	Setting Bolls	5	N/A	46	26
Alfalfa Hay	2nd Cutting	87	86	99	98
	3rd Cutting	17	14	80	71
Other Hay	1st Cutting	86	82	89	85
	2nd Cutting	9	N/A	19	14
Watermelons	Harvested	55	49	47	50

### Mesonet Temperature and Precipitation Data

Week Ending Sunday, July 24, 2011

#### Weather for Week Ending July 24, 2011:

Temperatures ranged from 64 degrees at Boise City on Thursday, July 21st, to 110 degrees at Marena on Sunday, July 24th. Precipitation ranged from 0 zero in the West Central, Southwest, and South Central districts to 0.36 of an inch in the Panhandle district. Soil temperature averages ranged from 82 degrees at Kenton on Saturday, July 23rd, to 100 degrees at Burneyville on Sunday, July 24th.

District	Temperature			Precipitation			
	High	Low	Average	Current Week	Mar 1, 2011 to July 24, 2011		
					Total	Departure From Normal	Percent of Normal
	Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent
Panhandle	102	72	87	0.36	3.21	-8.52	27
West Central	104	78	91	0.00	4.57	-10.84	30
Southwest	104	79	92	0.00	5.22	-10.53	33
North Central	105	78	92	0.25	7.83	-8.78	47
Central	104	78	91	0.13	9.76	-9.20	51
South Central	103	79	90	0.00	8.64	-10.88	44
Northeast	103	76	90	0.10	16.13	-4.08	80
East Central	103	77	90	0.17	18.69	-2.79	87
Southeast	102	76	89	0.07	18.33	-4.47	80

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