



# Oklahoma Crop Weather

Oklahoma Field Office

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## A December Disaster

Severe damage came to Oklahoma during the second weekend in December. The storm caused many power outages due to the weight of ice on power lines and falling trees. An average of 2.18 inches of rainfall was received throughout the State during the month of December. All of the districts reported at least 1 inch of precipitation. Temperatures averaged from 32 to 43 degrees across the districts. Topsoil moisture improved during the month with 60 percent rated in the adequate to surplus range. Subsoil moisture levels also improved during the month with 59 percent rated in the adequate to surplus range.

### Soil Moisture Conditions by Percent

Month Ending December 31, 2007

Moisture Rating	Topsoil	Subsoil
Very Short	7	9
Short	33	32
Adequate	57	58
Surplus	3	1

**Small Grains:** The condition of all small grain crops was mostly in the fair to good range. The wheat condition had responded slowly to the recent moisture due to the cold temperature. Wheat emergence remained behind the five-year average. Grazing was still limited in areas due to an insufficient root system to support cattle grazing. Twenty-three percent of the winter wheat was being grazed, 17 points behind normal.

**Pasture and Range:** Producers have begun to supplement and provide hay to their herds in several areas. Hay supplies were adequate, but quality is variable.

**Livestock:** Livestock remained in mostly fair to good condition. Livestock marketings were average. In areas that remained without power for several days, loss of value in livestock was reported due to the closing of sale facilities and being unable to transport livestock to markets.

### Conditions by Percent

Month Ending December 31, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
<b>Small Grains -</b>					
Winter Wheat	10	17	38	32	3
Rye	8	9	27	54	2
Oats	18	16	47	13	6
<b>Livestock, Pasture and Range -</b>					
Livestock	1	6	34	51	8
Pasture and Range	4	13	40	38	5

## Crop Progress by Percent

Month Ending December, December 31, 2007

Crop and Event	2007	2006	5 Year Average
<i>Wheat</i> - Grazed	23	36	40
<i>Rye</i> - Grazed	48	64	59
<i>Oats</i> - Grazed	6	16	14

**Weather for month ending December 31, 2007:** Temperatures ranged from -2 degrees at Hooker on Saturday, December 29<sup>th</sup>, to 80 degrees at Idabel on Sunday, December 2<sup>nd</sup> and at Burneyville on Friday, December 7<sup>th</sup>. Precipitation averaged 1.17 inches in the Panhandle district to 4.38 inches in the Southeastern district. Soil temperatures averaged 30 degrees at Kenton on Sunday, December 16<sup>th</sup> and at Weatherford on Saturday, December 29<sup>th</sup> to 61 degrees at Durant on Sunday, December 2<sup>nd</sup> and at Hugo on Saturday, December 8<sup>th</sup>.

## Mesonet Temperature and Precipitation Data

Month Ending December 31, 2007

District	Temperature			This Week	Precipitation		
	High	Low	Average		September 1, 2007 to January 4, 2008		
					Total	Departure from Normal	Percent of Normal
<i>District</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Percent</i>
Panhandle	45	20	32	1.17	2.67	-2.52	51
West Central	47	25	36	1.44	6.43	-2.15	75
Southwest	50	27	38	1.29	5.76	-3.86	60
North Central	45	24	34	1.82	7.90	-1.39	85
Central	48	27	38	2.28	8.73	-4.03	68
South Central	54	30	41	1.89	6.89	-7.57	48
Northeast	47	26	37	2.72	12.23	-2.28	84
East Central	51	30	40	2.66	12.57	-4.22	75
Southeast	56	31	43	4.38	13.75	-5.28	72



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