



Oklahoma Crop Weather

Oklahoma Field Office

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Another Severe Winter Storm

Until the last few days of the month, mild weather dominated much of January across the State. Temperatures averaged in the low to mid-thirties and most days were sunny and clear. Little precipitation fell during the month as seven of the nine districts received less than two inches in the 31 days. A dangerous winter storm system rocked the State during the last few days of January, bringing freezing rain, ice, snow, and widespread power outages. Heavy ice accumulations resulted in very slick roads and toppled trees and power lines. Varying amounts of snow were received across the State, ranging from a few inches to at least a foot in the Panhandle. Governor Henry declared a state of emergency for all 77 counties as the storm approached. Although many areas are in need of moisture, soil moisture conditions are much improved from last January as both topsoil and subsoil were rated mostly in the adequate range, with 17 percent and 13 percent rated surplus, respectively.

Soil Moisture Conditions by Percent

Month Ending January 31, 2010

Moisture Rating	Topsoil	Subsoil
Very Short	6	8
Short	29	17
Adequate	48	62
Surplus	17	13

Small Grains: Small grain conditions, rated mostly in the good to fair range, have deteriorated some due to cold conditions and lack of moisture. **Winter wheat** grazed was at 45 percent, eight points ahead of normal. Cold, dry weather has reduced availability of wheat pasture and some freeze damage has been reported. **Rye** grazed was at 74 percent, 15 points ahead of the five-year average. **Oats** grazed was at 14 percent, one point ahead of normal.

Pasture and Range: Pasture and range conditions for January were rated mostly in the good to fair range. Hay stocks are running low for most producers as the recent weather has forced rapid use.

Livestock: Livestock were rated in mostly good to fair condition, although body conditions have dropped due to the harsh weather. Livestock marketings were average. Producers are quickly using up hay supplies as they increase supplemental feeding. Muddy rural roads and pastures in addition to iced over water sources are causing difficulties as producers battle the elements to care for their livestock.

Conditions by Percent
Month Ending January 31, 2010

Item	Very Poor	Poor	Fair	Good	Excellent
Small Grains -					
Winter Wheat	1	6	32	52	9
Rye	3	9	24	52	12
Oats	12	11	37	36	4
Livestock, Pasture and Range -					
Livestock	2	8	37	47	6
Pasture and Range	6	19	46	27	2

Crop Progress by Percent
Month Ending January 31, 2010

Crop and Event	2010	2009	5 Year Average
Wheat -			
Grazed	45	33	37
Rye -			
Grazed	74	54	59
Oats -			
Grazed	14	N/A	13

Weather for Month Ending January 31, 2010: Temperatures ranged from -6 degrees at Goodwell on Friday, January 8th and Vinita on Sunday, January 10th, to 75 degrees at Hollis on Friday, January 22nd. Precipitation ranged from 0.41 in the West Central district to 3.45 inches in the Southeast district. Soil temperatures averaged 24 degrees at Weatherford on Saturday, January 9th to 58 degrees at Antlers on Wednesday, January 20th.

Mesonet Temperature and Precipitation Data
Month Ending January 31, 2010

District	Temperature			This Week	Precipitation		
	High	Low	Average		September 1, 2009 to January 31, 2010		
					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	47	17	31	0.43	4.70	-0.95	83
West Central	45	23	33	0.41	8.12	-1.22	87
Southwest	48	27	36	2.34	10.81	0.27	103
North Central	42	22	31	0.43	7.38	-2.72	73
Central	45	26	35	1.71	13.64	-0.32	98
South Central	48	28	38	1.80	20.48	4.36	127
Northeast	40	23	31	1.45	17.80	1.92	112
East Central	44	26	35	1.74	22.57	3.93	121
Southeast	48	28	38	3.45	29.70	8.22	138