



Oklahoma Crop Weather

Oklahoma Field Office

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Wavering Temperatures

During the month of January, Oklahoma experienced temperatures as high as 81 degrees in the North and West Central Districts and as low as -4 degrees in the Panhandle District. The last day of January brought freezing temperatures as well as icy rain and snow to the northern part of the State. Despite the small winter storms, precipitation is still needed in many areas; a little over half an inch was the average amount of rainfall received across the State during the month of January. A burn ban was issued by the Governor for several Oklahoma counties. Strong winds in some areas caused damage to small grain crops as well as to trees and buildings. Topsoil moisture decreased during the month with 46 percent rated in the adequate to surplus range. Subsoil moisture levels also decreased during the month with 54 percent rated in the adequate to surplus range.

Soil Moisture Conditions by Percent

Month Ending January 31, 2008

Moisture Rating	Topsoil	Subsoil
Very Short	21	11
Short	33	35
Adequate	43	53
Surplus	3	1

Small Grains: The condition of all small grain crops was mostly in the fair to good range. Nine percent of small grains were reported having light to moderate freeze damage. Dry conditions as well as high winds were impacting the wheat crop in many parts of the State. However, most irrigated acres were looking good. Top-dressing has been applied to wheat in a few areas which has increased the need for rainfall. Also, greenbugs have begun to invade wheat fields in isolated areas. Twenty-five percent of the winter wheat was being grazed, 10 points behind normal.

Pasture and Range: Seventy-seven percent of pastures were in the fair to good range. Pastures are dry and in need of precipitation. Cool season grasses were providing some grazing.

Livestock: Livestock remained in mostly fair to good condition. Livestock marketings were average. The wavering temperatures were extremely hard on cattle operations. Cattle producers in many areas are continuing to provide hay to their herds.

Conditions by Percent

Month Ending January 31, 2008

Item	Very Poor	Poor	Fair	Good	Excellent
Small Grains -					
Winter Wheat	11	18	39	29	3
Rye	8	10	33	47	2
Oats	17	14	54	14	1
Livestock, Pasture and Range -					
Livestock	1	6	38	50	5
Pasture and Range	5	14	41	36	4

Crop Progress by Percent

Month Ending January 31, 2008

Crop and Event	2007	2008	5 Year Average
<i>Wheat</i> - Grazed	43	25	42
<i>Rye</i> - Grazed	68	47	70
<i>Oats</i> - Grazed	21	17	24

Weather for month ending January 31, 2008: Temperatures ranged from -4 degrees at Boise City on Thursday, January 17th to 81 degrees at Alva and Butler on Monday, January 28th. Precipitation averaged .11 inches in the Panhandle district to 1.09 inches in the Northeast and East Central districts. Soil temperatures averaged 24 degrees at Kenton on Wednesday, January 2nd to 60 degrees at Stigler and Clayton on Monday, January 7th.

Mesonet Temperature and Precipitation Data

Month Ending January 31, 2008

District	Temperature			Precipitation			
	High	Low	Average	This Month Jan 1 to Jan 31	September 1, 2007 to February 3, 2008		
					Total	Departure from Normal	Percent of Normal
Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent	
Panhandle	51	20	35	0.11	2.79	-2.90	49
West Central	52	25	38	0.29	6.74	-2.89	70
Southwest	54	25	39	0.12	5.88	-4.94	54
North Central	50	23	36	0.29	8.31	-2.01	81
Central	51	26	38	0.48	9.35	-4.57	67
South Central	53	27	40	0.23	7.13	-8.62	45
Northeast	47	25	36	1.09	13.83	-2.98	82
East Central	49	27	38	1.09	13.97	-5.17	73
Southeast	51	28	39	0.92	14.73	-6.94	68



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