



Oklahoma Crop Weather

Oklahoma Field Office

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A Cold and Wet February

The first few days of February found many Oklahomans still reeling from the severe winter storm at the end of January. Power outages continued in some areas and downed trees were still being cleared. Cold weather continued throughout February along with frequent rains and little sunshine. Fog, freezing drizzle, and wintry mix were also experienced during the month. Seven of the nine districts received over two inches of precipitation for the month, with the Southeast receiving the most at over four inches of rainfall. Due to above normal precipitation, soil moisture conditions are much improved from last February and last month. Both topsoil and subsoil were rated mostly in the surplus to adequate range, with 37 percent and 24 percent rated surplus, respectively.

Soil Moisture Conditions by Percent

Month Ending February 28, 2010

Moisture Rating	Topsoil	Subsoil
Very Short	2	7
Short	9	9
Adequate	52	60
Surplus	37	24

Small Grains: Wheat development is behind normal in most areas due to cold weather. Wet fields are hindering nitrogen application. **Winter wheat** grazed was at 46 percent, 10 points ahead of normal. Wheat condition, rated mostly in the good to fair range, declined slightly from the previous month. **Rye** grazed was at 77 percent, 13 points ahead of the five-year average. **Oats** grazed was at 23 percent, eight points ahead of normal. Rye and oat conditions, rated mostly in the good to fair range, improved from last month due to adequate moisture.

Pasture and Range: Pasture and range conditions for February were rated mostly in the good to fair range. Hay stocks are low as the inclement weather has forced rapid use.

Livestock: Livestock were rated in mostly good to fair condition, although the cold winter weather has taken a toll. Fluctuating temperatures have caused some sickness in cattle. Limited forage availability and low hay supplies have challenged producers.

Conditions by Percent
Month Ending February 28, 2010

Item	Very Poor	Poor	Fair	Good	Excellent
Small Grains -					
Winter Wheat	3	8	29	52	8
Rye	5	11	27	51	6
Oats	10	6	46	34	4
Livestock, Pasture and Range -					
Livestock	4	9	37	44	6
Pasture and Range	9	27	37	25	2

Crop Progress by Percent
Month Ending February 28, 2010

Crop and Event	2010	2009	5 Year Average
Wheat -			
Grazed	46	27	36
Rye -			
Grazed	77	55	64
Oats -			
Grazed	23	10	15

Weather for Week Ending February 28, 2010: Temperatures ranged from 7 degrees at Hooker on Tuesday, February 23rd, to 66 degrees at Butler on Saturday, February 13th. Precipitation ranged from 1.42 in the Panhandle district to 4.36 inches in the Southeast district. Soil temperatures averaged 31 degrees at Arnett and May Ranch on Wednesday, February 10th to 53 degrees at Antlers on Sunday, February 21st.

Mesonet Temperature and Precipitation Data
Month Ending February 28, 2010

District	Temperature			Precipitation			
	High	Low	Average	This Month Feb 1 to Feb 28	September 1, 2009 to February 28, 2010		
					Total	Departure from Normal	Percent of Normal
Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent	
Panhandle	41	21	31	1.42	6.12	-0.17	97
West Central	44	26	34	2.52	10.63	0.15	101
Southwest	46	29	37	2.34	13.36	1.49	113
North Central	42	25	34	1.53	8.91	-2.41	79
Central	44	28	36	3.09	16.83	1.01	106
South Central	46	30	38	2.61	23.43	5.10	128
Northeast	43	26	34	2.33	20.13	2.27	113
East Central	44	28	36	2.37	25.37	4.30	120
Southeast	47	29	38	4.36	34.25	9.63	139