



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Monthly Summary for Jan 1 - Feb 2

Issued February 3, 2014

Heavy Winds and Limited Moisture

January started out with frigid temperatures. Nowata recorded a low of twelve degrees below zero on the 6th. During the second week of the month, temperatures increased, most areas of the state were in the 70's. Grandfield recorded a high of 80 degrees on the 12th. The warmer temperatures mixed with high winds and low humidity, significantly increased the risk of wildfires. Wildfires

were experienced in parts of the state, but were not widespread. In the Northeast district, several acres were burned causing damage to pastureland. Overall the month of January was categorized as high winds and little to no precipitation. According to the most recent drought monitor, the majority of the state was rated abnormally dry to no drought at all, while the Panhandle and the far Southwest district were rated an extreme to exceptional drought. Due to the limited amount of moisture, wheat grazing was inadequate. Some canola and winter wheat have also experienced freeze damage. The Southeast district averaged just over an inch of rainfall for the month, while the Panhandle and West Central districts averaged less than half an inch. All nine districts were still below normal precipitation for the period since September 1st. Small grain condition ratings and pasture conditions were mostly good to fair for January. Topsoil and subsoil moisture conditions were both rated 72 percent short to very short, 28 percent adequate and none surplus.

Soil Moisture Conditions by Percent		
<i>For Month Ending February 2, 2014</i>		
Moisture Rating	Subsoil	Topsoil
Very Short	37	34
Short	35	38
Adequate	28	28
Surplus	0	0

Small Grains: Conditions of small grains and canola declined over the past month. Small grains and canola were rated mostly good to fair. Forty- one percent of the **wheat** crop was being grazed, six points ahead of the five-year average, and 19 points more than during January 2013. Sixty-nine percent of **rye** was reported as grazed, 38 points more than the previous year and 11 points higher than normal. Twenty-nine percent of **oats** were being grazed, compared to the five-year average of 19 percent.

Pasture and Range: Pasture and range conditions continued to be rated mostly good to fair for the month of January.

Conditions by Percent					
<i>For Month Ending February 2, 2014</i>					
Commodity	Very Poor	Poor	Fair	Good	Excellent
Winter Wheat	4	20	40	31	5
Canola	2	26	39	28	5
Rye	0	24	55	20	1
Oats	0	30	33	34	3
Livestock	2	8	38	47	5
Pasture and Range	9	23	44	23	1

Livestock: Grazing of small grains decreased this month with limited moisture conditions. Producers were also providing hay and supplementary feed to herds as needed. Livestock conditions continued to be rated mostly good to fair.

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Crop Progress by Percent

For Month Ending February 2, 2014

Crop and Event	2014	2013	5 Year Average
Wheat - Grazed	41	22	35
Rye - Grazed	69	31	58
Oats - Grazed	29	10	19

Mesonet Temperature and Precipitation Data

For Month Ending February 2, 2014

Weather for Month Ending February 2, 2014:

Temperatures ranged from -12 degrees at Nowata on Monday, January 6th, to 80 degrees at Grandfield on Sunday, January 12th. Precipitation ranged from 0.02 of an inch in the West Central district to 1.33 inches in the Southeast district. Soil temperature averages ranged from 29 degrees at Wynona on Tuesday, January 7th, to 50 degrees at Idabel on Saturday, February 1st.

District	Temperature			Precipitation			
	High	Low	Average	This Month Jan 1 to	September 1, 2013 to February 2, 2014		
					Total	Departure From Normal	Percent of Normal
	Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent
Panhandle	49	19	34	0.12	0.43	-0.83	34
West Central	50	23	36	0.02	5.46	-1.69	19
Southwest	52	23	37	0.03	1.11	-1.42	44
North Central	47	21	34	0.07	0.56	-1.75	24
Central	49	23	36	0.11	1.24	-2.27	35
South Central	52	25	38	0.34	2.83	-1.76	62
Northeast	45	21	33	0.36	1.81	-2.19	45
East Central	48	23	35	0.80	3.87	-1.41	73
Southeast	52	24	37	1.33	5.14	-1.96	72