



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Monthly Summary for Dec 1, 2017 – Jan 1, 2018

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Oklahoma experienced cold and dry conditions during the month. Precipitation levels remained below average in December. According to OCS Mesonet, the statewide average precipitation for the full month of December was 1.06 inches. As of December 26th, 76 percent of the state was in the moderate to exceptional drought categories, up 4 points from the previous year and 28 percent of the state was in the Severe to exceptional drought categories, down 18 points from the previous year. Statewide temperatures averaged in the high 30's, with the lowest recording of 1 degree at Buffalo on Sunday, December 31st and the highest recording of 83 degrees at Burneyville on Monday, December 4th. Topsoil and subsoil moisture conditions were rated mostly short to adequate.

Small Grains: Winter wheat grazed reached 35 percent, down 4 points from the previous year. Rye grazed reached 16 percent, down 8 points from the previous year. Oats grazed reached 4 percent, down 60 points from the previous year and down 39 points from the normal.

Pasture and Livestock: Conditions of pasture and range were rated at 83 percent fair to poor. Livestock condition was rated at 95 percent good to fair.

Soil Moisture Conditions by Percent
For Month Ending December 31, 2017

Moisture Rating	Current Week	One Year Ago
Topsoil		
Very Short	36	0
Short	48	1
Adequate	16	59
Surplus	0	40
Subsoil		
Very Short	23	1
Short	53	8
Adequate	24	75
Surplus	0	16

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Crop Conditions by Percent
For Month Ending December 31, 2017

Commodity	Very Poor	Poor	Fair	Good	Excellent
Wheat	5	37	43	15	0
Rye	3	25	58	14	0
oats	0	27	57	12	4
Canola	1	30	50	19	0
Livestock	0	3	34	61	2
Pasture and Range	1	30	53	16	0

Crop Progress by Percent
For Month Ending December 31, 2017

Crop	Stage	Current Week	One Year Ago	Five Year Average
Wheat	Grazed	35	39	36
Rye	Grazed	16	24	47
Oats	Grazed	4	64	43

Weather for Month Ending December 31, 2017: Temperatures ranged from 1 degree at Buffalo on Sunday, December 31st to 83 degrees at Burneyville on Monday, December 4th. Precipitation ranged from none in the Panhandle to 4.03 inches in the Southeast district. Soil temperature averages ranged from 29 degrees at Weatherford on Sunday, December 31st to 67 degrees at Burneyville on Monday, December 4th.

Mesonet Temperature and Precipitation Data
For Month Ending December 31, 2017

Districts	Temperature			Precipitation			
	High	Low	Average	Current Week	September 1, 2017 to December 31, 2017		
					Total	Departure from Normal	Percent of Normal
	<i>degrees</i>			<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>percent</i>
Panhandle	51	20	35	0.02	4.41	-0.67	87
North Central	50	26	37	0.08	5.71	-3.15	64
Northeast	49	29	39	0.92	9.92	-3.84	72
West Central	50	26	38	0.08	6.17	-2.20	74
Central	51	30	40	0.72	9.15	-2.85	76
East Central	51	31	41	1.74	7.59	-8.63	47
Southwest	52	29	40	0.19	7.85	-1.52	84
South Central	53	32	43	1.73	6.12	-7.61	45
Southeast	54	32	43	4.03	8.56	-9.46	47