



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

P.O. Box 528804 · Oklahoma City, OK 73152-8804

(405) 524-0020 · www.nass.usda.gov/ok

A combined contribution with Cooperative Extension Service, USDA Farm Service Agency and Oklahoma Mesonet

Volume 39, Number 42

Monthly Summary for Dec 1 - Dec 31

Issued January 3, 2017

Oklahoma experienced cold and dry weather for the month of December. On December 16th, a front brought the coldest weather since February 2011, dropping temperatures 60 degrees in a 24 hour period. According to the OCS Mesonet, the statewide average temperature was 38.4 degrees, 0.5 of a point below normal and the 50th coolest December since records began in 1895. Precipitation ranged from 1.48 inches in the Southeast district to 0.46 of an inch in the North Central district. Statewide temperatures averaged in the high 30's, with the lowest recording of -18 degrees at Beaver on Sunday, December 18th and the highest recording of 62 degrees at Broken Bow on Monday, December 26th. Topsoil and subsoil moisture conditions were rated mostly adequate to short.

Soil Moisture Conditions by Percent

For Month Ending December 31, 2016

Moisture Rating	Current Week	One Year Ago
Topsoil		
Very Short	26	0
Short	44	1
Adequate	30	59
Surplus	0	40
Subsoil		
Very Short	21	1
Short	43	8
Adequate	36	75
Surplus	0	16

Small Grains: Conditions of small grains were rated mostly fair to good. Winter wheat grazed reached 47 percent, up 8 points from the previous year. Rye grazed reached 45 percent, up 21 points from the previous year. Oats grazed reached 50 percent, down 14 points from the previous year.

Crop Conditions by Percent

For Month Ending December 31, 2016

Commodity	Very Poor	Poor	Fair	Good	Excellent
Wheat	6	19	50	25	0
Rye	4	19	53	23	1
Oats	18	43	20	19	0
Canola	4	14	43	39	0
Livestock	1	3	40	51	5
Pasture and Range	5	19	52	22	2

Pasture and Livestock: Pasture and range conditions were rated mostly fair to good with 24 percent rated poor to very poor. Livestock were rated at 51 percent in good condition and 40 percent in fair.

Crop Progress by Percent

For Month Ending December 31, 2016

Crop	Stage	2016	2015	Five Year Average
Wheat	Grazed	47	39	33
Rye	Grazed	45	24	51
Oats	Grazed	50	64	46

-over-

Weather for Month Ending December 31, 2016: Temperatures ranged from 81 degrees at Hollis on Friday, December 16th to -18 degrees at Beaver on Sunday, December 18th. Precipitation ranged from 1.48 inches in the Southeast district to 0.46 of an inch in the North Central district. Soil temperature averages ranged from 62 degrees at Broken Bow on Monday, December 26th to 25 degrees at Buffalo on Sunday, December 18th.

Mesonet Temperature and Precipitation Data
For Month Ending December 31, 2016

Districts	Temperature			Precipitation			
	High	Low	Average	Current Week	Sept 1, 2015 to Dec 31, 2016		
					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	48	18	33	0.54	1.79	-3.30	35
North Central	47	22	35	0.46	6.90	-1.99	78
Northeast	49	26	37	0.67	8.89	-4.93	64
West Central	49	25	36	0.85	7.35	-1.05	88
Central	50	27	39	0.68	6.55	-5.49	54
East Central	51	29	41	1.07	6.71	-9.59	41
Southwest	52	28	39	1.07	8.84	-0.57	94
South Central	54	32	43	0.89	9.21	-4.59	67
Southeast	54	33	44	1.48	8.74	-9.37	48