



Oklahoma Crop Weather

Oklahoma Field Office

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

Volume 37, Number 9

Weekly Summary for Apr 14 - Apr 20

Issued April 21, 2014

Record Breaking Cold

Temperatures were cooler than normal last week, ranging from 21 degrees at Chickasha on Tuesday, April 15th to 84 degrees at Buffalo on Saturday, April 19th. A widespread freeze was experienced Monday night into Tuesday morning. Some winter wheat producing counties experienced below freezing temperatures for an extended period of time. The already drought stressed winter wheat and canola crops were negatively impacted by the freeze, however the extent of the damage was not reported at this time. All nine districts received some precipitation last week, ranging from 0.03 of an inch in the Northeast District to 0.38 inches in the Panhandle. Another freeze was experienced during the latter part of the week, but it was not as extensive as the previous freeze. According to the most recent drought monitor, just over 13 percent of the state is still categorized in an exceptional drought; however, just over 6 percent of the state mainly the East Central/South Central portions have shown some relief in drought conditions due to the amounts of rain received in the last few weeks. Topsoil moisture conditions were rated 25 percent adequate to surplus and 75 percent short to very short. Subsoil moisture conditions were rated 19 percent adequate to surplus and 81 percent short to very short. There were 6.4 days suitable for fieldwork on average across the state.

Soil Moisture Conditions by Percent			
<i>Week Ending Sunday, April 20, 2014</i>			
Moisture Rating	Current Week	Previous Week	One Year Ago
Topsoil			
Very Short	41	42	14
Short	34	34	20
Adequate	24	23	60
Surplus	1	1	6
Subsoil			
Very Short	45	44	32
Short	36	36	39
Adequate	18	19	28
Surplus	1	1	1

Small Grains: Winter wheat conditions were rated mostly fair to poor with 27 percent rated very poor. Winter wheat jointing reached 89 percent by Sunday, 4 points ahead of the previous year and 3 points behind the five year average. **Canola** conditions were rated 72 percent poor to very poor, with 22 percent rated fair. Canola blooming reached 77 percent by week's end, compared to 71 percent this time last year. Fifty-four percent of **oats** were rated poor to very poor. Eighty-three percent of oats had been seeded by Sunday, 14 points behind the previous year and 15 points behind the five-year average. Oats emerged reached 73 percent by week's end, up 4 points from last week. Oats jointing reached 19 percent, compared to 32 percent the previous year and 54 percent on the five-year average. **Rye** conditions were rated 73 percent fair to poor. Rye jointing reached 52 percent, 44 points behind the five-year average.

Conditions by Percent					
<i>For Week Ending Sunday, April 20, 2014</i>					
Commodity	Very Poor	Poor	Fair	Good	Excellent
Wheat	27	34	28	11	0
Rye	17	20	53	10	0
Oats	27	27	26	16	4
Canola	45	27	22	6	0
Livestock	1	8	46	40	5
Pasture and Range	23	24	38	14	1

Row Crops: Seedbed preparation for **corn** reached 83 percent by week's end, 3 points behind last year. Corn planted reached 50 percent compared to 26 percent one year ago. **Sorghum** seedbed preparation was 66 percent complete compared to 52 percent last year and 54 percent on the five-year average. **Soybean** seedbed preparation reached 66 percent complete by Sunday, up 14 points from last year and 12 points ahead of the five-year average. Seedbed preparation of **cotton** was 72 percent complete by the end of the week, 14 points ahead of last year. **Peanut** seedbed preparation reached 65 percent complete, 15 points ahead of last year.

Pasture and Livestock: Range and pasture conditions continued to be rated mostly fair to poor with 23 percent rated very poor. Producers continued to provide hay and supplemental feed to livestock. Native grasses were slow to green due to the limited soil moisture and cooler temperatures. Rain is still needed to fill ponds and see any growth in pastures. Livestock conditions were rated 86 percent good to fair, but there were reports of low body condition scores at some local livestock auctions.

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Crop Progress by Percent

For Week Ending Sunday, April 20, 2014

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Wheat	Jointing	89	80	85	92
	Headed	10	4	4	38
Canola	Blooming	77	45	71	N/A
Rye	Jointing	52	46	91	96
Oats	Planted	83	82	97	98
	Emerged	73	69	N/A	N/A
	Jointing	19	N/A	32	54
Corn	Seedbed Prepared	83	77	86	89
	Planted	50	30	26	44
Sorghum	Seedbed Prepared	66	54	52	54
Soybeans	Seedbed Prepared	47	42	36	44
Peanuts	Seedbed Prepared	65	50	50	30
Cotton	Seedbed Prepared	72	62	58	68

Weather for Week Ending April 20, 2014: Temperatures ranged from 21 degrees at Chickasha on Tuesday, April 15th to 84 degrees at Buffalo on Saturday, April 19th. Precipitation ranged from 0.03 of an inch in the Northeast District to 0.38 inches in the Panhandle. Soil temperature averages ranged from 47 degrees at Kenton on Monday, April 14th, to 68 degrees at Burneyville on Saturday, April 19th.

Mesonet Temperature and Precipitation Data

Week Ending Sunday, April 20, 2014

District	Temperature			Precipitation			
	High	Low	Average	Current Week	March 1, 2014 to April 20, 2014		
					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	67	39	52	0.38	0.74	-2.12	26
West Central	66	42	54	0.31	0.93	-3.21	22
Southwest	67	41	55	0.31	1.58	-2.46	39
North Central	68	39	54	0.06	0.84	-3.81	18
Central	67	41	54	0.05	2.28	-3.32	41
South Central	67	42	55	0.35	4.17	-1.89	69
Northeast	66	40	54	0.03	2.91	-3.42	46
East Central	67	41	54	0.10	5.02	-1.95	72
Southeast	68	39	54	0.17	6.47	-1.00	87