



# Oklahoma Crop Weather

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Weekly Summary for Mar 17 - Mar 23

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## Low Moisture and High Winds

Only a few showers fell in Oklahoma in the past week, mainly in Southeastern district. The Southeast district received 0.82 inches of rain, which lessened drought conditions in that area. However, five of the nine districts received no measurable rainfall at all. Statewide temperatures averaged in the high 40's to the low 50's, ranging from 18 degrees at Burbank on Monday, March 17<sup>th</sup> to 83 degrees at Burneyville on Tuesday, March 18<sup>th</sup>. Low moisture and high winds were a major concern last week. There were wind speeds as high as 40 mph in some parts of the state. High winds kept field work to a minimum. Wind erosion and dust storms were experienced in the Panhandle and Southwest Oklahoma this past week. Significant moisture is needed across the whole state, assuredly in the Panhandle and Southwest for winter wheat development. Wildfires were reported in central Oklahoma, in both Logan County and northeast Oklahoma County, but damages were minimal. Topsoil moisture conditions were rated 28 percent adequate to surplus and 72 percent short to very short. Subsoil moisture conditions were rated 20 percent adequate to surplus and 80 percent short to very short. There were 6.0 days suitable for fieldwork on average across the state.

<b>Soil Moisture Conditions by Percent</b>			
<i>Week Ending Sunday, March 23, 2014</i>			
Moisture Rating	Current Week	Previous Week	One Year Ago
<b>Topsoil</b>			
Very Short	37	36	17
Short	35	39	33
Adequate	26	22	49
Surplus	2	3	1
<b>Subsoil</b>			
Very Short	41	42	45
Short	39	40	43
Adequate	19	17	12
Surplus	1	1	0

**Small Grains** Small grains continue to be rated mostly fair to poor. **Winter wheat** jointing reached 29 percent by Sunday, 11 points behind the previous year and 19 points behind the five year average. **Canola** conditions were rated 64 percent fair to poor. Seventy-seven percent of **oats** had been seeded by Sunday, 8 points behind the previous year and 11 points behind the five-year average. **Rye** jointing reached 10 percent, 29 points behind last year and 50 points behind the five-year average.

**Row Crops:** Seedbed preparation for row crops continued. **Corn** seedbed preparation reached 47 percent by week's end, 4 points behind last year. **Sorghum** seedbed preparation was 24 percent complete compared to 26 percent last year and 23 percent on the five-year average. **Soybean** seedbed preparation reached 15 percent complete by Sunday, four points behind both the previous year and the five-year average. Seedbed preparation of **cotton** was 36 percent complete by the end of the week, 9 points ahead of last year, but on track with the five-year average.

**Pasture and Livestock:** Conditions of pasture and range were rated 64 percent fair to poor. Livestock conditions were rated 86 percent good to fair. Livestock markets continue to hold strong. Spring time temperatures have encouraged the growth of forage in Central and Southeastern parts of Oklahoma. Producers in those areas provided less hay and supplemental feed to livestock.

<b>Conditions by Percent</b>					
<i>For Week Ending Sunday, March 23, 2014</i>					
Commodity	Very Poor	Poor	Fair	Good	Excellent
Wheat	14	28	41	16	1
Rye	13	20	56	10	1
Oats	23	28	27	18	4
Canola	28	33	31	8	0
Livestock	2	8	48	38	4
Pasture and Range	22	21	43	13	1

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### Crop Progress by Percent

For Week Ending Sunday, March 23, 2014

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Wheat	Jointing	29	14	40	48
Rye	Jointing	10	N/A	39	60
Oats	Planted	77	71	85	88
	Emerged	38	N/A	48	67
Corn	Seedbed Prepared	47	34	51	54
Sorghum	Seedbed Prepared	24	20	26	23
Soybeans	Seedbed Prepared	15	9	19	19
Cotton	Seedbed Prepared	36	32	27	36

#### Weather for Week Ending March 23, 2014:

Temperatures ranged from 18 degrees at Burbank on Monday, March 17th, to 83 degrees at Burneyville on Tuesday, March 18th. Precipitation ranged from 0.00 of an inch in the Panhandle, North Central, West Central, Central and Southwest Districts to 0.82 inches in the Southeast. Soil temperature averages ranged from 42 degrees at Miami on Monday, March 17th, to 59 degrees at Medicine Park on Friday, March 21st.

### Mesonet Temperature and Precipitation Data

Week Ending Sunday, March 23, 2014

District	Temperature			Current Week	Precipitation		
	High	Low	Average		March 1, 2014 to March 23, 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	62	29	46	0.00	0.18	-1.03	14
West Central	62	34	48	0.00	0.45	-1.33	25
Southwest	64	35	50	0.00	0.81	-0.87	48
North Central	62	33	47	0.00	0.50	-1.49	25
Central	63	36	50	0.00	1.43	-0.97	60
South Central	66	39	52	0.03	2.33	-0.30	88
Northeast	63	35	48	0.02	2.00	-0.72	74
East Central	64	37	50	0.13	2.81	-0.22	93
Southeast	66	37	52	0.82	3.67	0.35	110