



# Oklahoma Crop Weather

## Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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

Volume 36, Number 12

Weekly Summary for Apr 29-May 5

Issued May 6, 2013

## Spring Planting Behind Normal

The Panhandle experienced another significant freeze event, as did parts of southwestern Oklahoma. Snow fell in northeastern Oklahoma Thursday night into Friday, and just a trace of snow in Tulsa broke the record for the latest snowfall in that city. Below average temperatures and continued drought conditions have delayed planting of row crops, while further damaging small grains. The April 30th Drought Monitor showed continued improvements in eastern Oklahoma, while conditions in the Panhandle worsened. Topsoil moisture conditions declined slightly from the previous week but continued to be rated mostly adequate. Subsoil moisture conditions were rated mostly short to very short with 30 percent rated adequate. There were 5.3 days suitable for fieldwork.

**Small Grains:** Condition ratings for all small grains declined slightly.

Below normal precipitation, multiple freeze events, and hail storms

have all damaged small grains in various locations. **Wheat** jointing was 94 percent complete by Sunday. Wheat heading was 42 percent complete by the end of the week, 41 points behind normal. **Rye** headed was 73 percent complete by week's end, and seven percent was in the soft dough stage of development, 29 points behind normal. **Oats** jointing was 72 percent complete, and 21 percent had headed by Sunday, 14 points behind the five-year average.

**Canola** was rated mostly good to fair with 38 percent rated poor to very poor. Canola blooming was 97 percent complete by the end of the week.

**Row Crops:** Fieldwork and planting were behind normal for all row crops. **Corn** seedbed preparation was 89 percent complete by the end of the week. Corn planting was 39 percent complete by Sunday, and 25 percent had emerged, 19 points behind normal. **Sorghum** seedbed preparation was 56 percent complete, and six percent of sorghum had been planted by the end of the week, eight points behind the five-year average. **Soybean** seedbed preparation was 44 percent complete, 18 points behind the five-year average. **Peanut** seedbed preparation was 72 percent complete, and 17 percent of the crop had been planted by Sunday. **Cotton** seedbed preparation was 82 percent complete and a small portion had been planted by week's end.

**Watermelon** planting was halfway complete by the end of the week, 21 points behind the previous year, but on track with normal.

**Hay:** Conditions of alfalfa were rated mostly good to fair and other hay was rated mostly fair. Some wheat was reported being cut for hay. A first cutting of **alfalfa hay** was ten percent complete by the end of the week, 34 points behind the five year average. A first cutting of **other hay** was five percent complete, 13 points behind normal.

**Pasture and Livestock:** Conditions of pasture and range improved slightly, but were rated mostly fair to poor. The growth of spring forage continued to lag behind, due to cooler than normal temperatures. Livestock conditions continued to be rated mostly good to fair.

### Soil Moisture Conditions by Percent

Week Ending Sunday, May 5, 2013

Moisture Rating	Current Week	Previous Week	One Year Ago
<b>Topsoil</b>			
Very Short	22	17	8
Short	18	18	26
Adequate	57	62	58
Surplus	3	3	8
<b>Subsoil</b>			
Very Short	37	33	12
Short	32	34	31
Adequate	30	33	55
Surplus	1	0	2

### Conditions by Percent

For Week Ending Sunday, May 5, 2013

Commodity	Very Poor	Poor	Fair	Good	Excellent
Wheat	18	27	35	18	2
Rye	18	23	50	9	0
Oats	6	14	39	38	3
Canola	19	19	33	28	1
Alfalfa Hay	3	16	48	30	3
Other Hay	9	22	52	17	0
Livestock	3	10	45	38	4
Pasture and Range	16	25	37	20	2

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### Crop Progress by Percent

For Week Ending Sunday, May 5, 2013

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
<b>Wheat</b>	Jointing	94	92	100	99
	Headed	42	21	98	83
<b>Rye</b>	Headed	73	57	98	97
	Soft Dough	7	N/A	67	36
<b>Oats</b>	Jointing	72	63	97	85
	Headed	21	13	62	35
<b>Canola</b>	Blooming	97	90	100	N/A
<b>Corn</b>	Seedbed Prepared	89	88	100	97
	Planted	39	34	89	79
	Emerged	25	17	51	44
<b>Sorghum</b>	Seedbed Prepared	56	55	76	68
	Planted	6	N/A	19	14
<b>Soybeans</b>	Seedbed Prepared	44	39	67	62
<b>Peanuts</b>	Seedbed Prepared	72	62	83	86
	Planted	17	N/A	31	23
<b>Cotton</b>	Seedbed Prepared	82	76	84	82
<b>Alfalfa Hay</b>	1st Cutting	10	5	77	44
<b>Other Hay</b>	1st Cutting	5	N/A	39	18
<b>Watermelons</b>	Planted	50	34	71	51

### Mesonet Temperature and Precipitation Data

Week Ending Sunday, May 5, 2013

#### Weather for Week Ending May 5, 2013:

Temperatures ranged from 22 degrees at Boise City on Friday, May 3rd, to 96 degrees at Beaver on Tuesday, April 30th. Precipitation ranged from 0.08 of an inch in the South Central district to 0.60 of an inch in the Northeast district. Soil temperature averages ranged from 47 degrees at Okemah on Saturday, May 4th, to 77 degrees at Burneyville on Tuesday, April 30th.

District	Temperature			Precipitation			
	High	Low	Average	Current Week	March 1, 2013 to May 5, 2013		
					Total	Departure From Normal	Percent of Normal
	Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent
Panhandle	71	37	54	0.09	1.20	-2.83	30
West Central	72	43	57	0.26	3.22	-2.57	56
Southwest	74	43	59	0.16	4.33	-1.40	76
North Central	69	44	56	0.42	4.59	-1.81	72
Central	68	45	57	0.17	7.74	0.07	101
South Central	71	46	58	0.08	5.19	-3.02	63
Northeast	67	46	57	0.60	7.31	-1.24	86
East Central	68	46	57	0.48	9.12	-0.25	97
Southeast	70	45	58	0.20	9.36	-0.64	94