



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Weekly Summary for Apr 22-Apr 28

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Record Breaking Cold

Temperatures were cooler than normal for most of the week, and another widespread freeze occurred overnight into Wednesday. Temperature records were broken in multiple locations for April 24th. According to Oklahoma Mesonet, the 15 degree low at Boise City broke the record for the lowest temperature ever recorded this late in spring. Small grain development continued to be significantly behind normal. The April 23rd Drought Monitor showed continued improvements from recent rainfall. Just under 11 percent of the state had no drought designation, and 72 percent was in a moderate to exceptional drought (D1-D4), compared to 100 percent the last week in March. The Panhandle and southwestern Oklahoma continue to be the hardest hit areas, and once again missed out on significant rain from the past week's storms. Topsoil moisture conditions continued to be rated mostly adequate. Subsoil moisture conditions improved slightly, and one third was rated as adequate. There were 5.1 days suitable for fieldwork.

Soil Moisture Conditions by Percent			
<i>Week Ending Sunday, April 28, 2013</i>			
Moisture Rating	Current Week	Previous Week	One Year Ago
Topsoil			
Very Short	17	14	5
Short	18	20	17
Adequate	62	60	66
Surplus	3	6	12
Subsoil			
Very Short	33	32	10
Short	34	39	27
Adequate	33	28	62
Surplus	0	1	1

Small Grains: Heading of wheat, rye and oats made significant progress over the past week, but was well behind the five-year average. Condition ratings for wheat declined slightly, and were rated mostly fair to poor. **Wheat** jointing was 92 percent complete by Sunday. Twenty-one percent of the crop was headed by the end of the week, 44 points behind normal. **Rye** jointing was virtually complete, and 57 percent had headed by week's end, 29 points below the five-year average. **Oats** jointing was 63 percent complete, and 13 percent had headed by Sunday.

Canola was rated mostly good to fair with 42 percent rated poor to very poor. Canola blooming was 90 percent complete by the end of the week, compared to 100 percent at this time last year.

Row Crops: Fieldwork and planting were behind normal for all row crops. **Corn** seedbed preparation was 88 percent complete by the end of the week. Corn planting was 34 percent complete by Sunday, and 17 percent had emerged, 12 points behind normal. **Sorghum** seedbed preparation was 55 percent complete, and a small portion of sorghum had been planted by the end of the week. **Soybean** seedbed preparation was 39 percent complete, 14 points behind the five-year average. **Peanut** seedbed preparation was 62 percent complete, and **cotton** seedbed preparation was 76 percent complete.

Watermelon planting was 34 percent complete by the end of the week, 22 points behind the previous year, but four points ahead of the five-year average.

Hay: A first cutting of **alfalfa hay** was five percent complete by the end of the week, 23 points behind the five year average.

Pasture and Livestock: Conditions of pasture and range improved slightly, but were rated mostly fair to poor. Below normal temperatures continued, limiting the growth of spring forage. Livestock conditions continued to be rated mostly good to fair.

Conditions by Percent					
<i>For Week Ending Sunday, April 28, 2013</i>					
Commodity	Very Poor	Poor	Fair	Good	Excellent
Wheat	16	25	36	21	2
Rye	19	15	45	16	5
Oats	6	13	31	45	5
Canola	21	21	31	24	3
Livestock	3	11	43	38	5
Pasture and Range	17	28	38	16	1

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Crop Progress by Percent

For Week Ending Sunday, April 28, 2013

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Wheat	Jointing	92	86	100	97
	Headed	21	5	96	65
Rye	Jointing	99	93	100	99
	Headed	57	28	95	86
Oats	Jointing	63	33	88	74
	Headed	13	N/A	40	21
Canola	Blooming	90	76	100	N/A
Corn	Seedbed Prepared	88	87	100	94
	Planted	34	27	67	63
	Emerged	17	10	38	29
Sorghum	Seedbed Prepared	55	54	68	60
Soybeans	Seedbed Prepared	39	37	60	53
Peanuts	Seedbed Prepared	62	58	71	77
Cotton	Seedbed Prepared	76	59	82	77
Alfalfa Hay	1st Cutting	5	N/A	56	28
Watermelons	Planted	34	21	56	30

Mesonet Temperature and Precipitation Data

Week Ending Sunday, April 28, 2013

District	Temperature			Precipitation			
	High	Low	Average	Current Week	March 1, 2013 to April 28, 2013		
					Total	Departure From Normal	Percent of Normal
	Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent
Panhandle	69	35	52	0.23	1.10	-2.25	33
West Central	68	40	54	0.52	2.95	-1.87	61
Southwest	72	42	56	0.10	4.19	-0.57	88
North Central	65	40	52	0.56	4.17	-1.27	77
Central	68	42	54	0.81	7.57	1.04	116
South Central	70	43	57	0.49	5.11	-1.95	72
Northeast	65	42	53	0.96	6.71	-0.69	91
East Central	66	43	55	1.08	8.63	0.50	106
Southeast	69	43	57	1.02	9.13	0.46	105

Weather for Week Ending April 28, 2013:

Temperatures ranged from 15 degrees at Boise City on Wednesday, April 24th, to 93 degrees at Hollis on Sunday, April 28th. Precipitation ranged from 0.1 of an inch in the Southwest district to 1.08 inches in the East Central district. Soil temperature averages ranged from 44 degrees at May Ranch on Tuesday, April 23rd, to 71 degrees at Burneyville and at Grandfield on Sunday, April 28th.