



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Weekly Summary for Apr 15-Apr 21

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Severe Weather; Localized Heavy Rainfall

Severe weather cut a path from southwestern to northeastern Oklahoma Wednesday night and early Thursday. Hail was observed all along the storm's path and at least 10 tornadoes were reported, including an EF-2 in Delaware County. Heavy rains fell, resulting in localized flooding, notably at Medicine Park where 6.63 inches of rain were recorded. Cooler than normal temperatures continued, delaying forage growth and slowing field work. The damage to small grains from multiple freeze events was still being assessed. Precipitation for the state averaged 0.98 of an inch for the week, but was concentrated along the storm's path, leaving much of the state with totals of less than half an inch. The Central, East Central and Southeast districts have rain totals above normal for the period since March 1st, while the Panhandle has received only 30 percent of normal moisture for the same period. Topsoil moisture conditions continued to be rated mostly adequate. Subsoil moisture conditions were rated mostly short to very short, but 28 percent was now rated as adequate. There were only 4.5 days suitable for fieldwork.

Soil Moisture Conditions by Percent

Week Ending Sunday, April 21, 2013

Moisture Rating	Current Week	Previous Week	One Year Ago
Topsoil			
Very Short	14	13	3
Short	20	21	14
Adequate	60	60	74
Surplus	6	6	9
Subsoil			
Very Short	32	38	8
Short	39	36	28
Adequate	28	25	60
Surplus	1	1	4

Small Grains: Small grain development was significantly behind normal, while conditions continued to be rated mostly good to fair. **Wheat** jointing was 86 percent complete by Sunday, while only five percent was headed, compared to 87 percent last year and a five-year average of 43 percent. **Rye** jointing was 93 percent complete, and 28 percent had headed by week's end, 35 points below the five-year average. **Oat** planting was winding down at 97 percent complete by the end of the week. One third of the oats were jointing, 28 points behind normal progress.

Canola was rated mostly good to fair with 43 percent rated poor to very poor. Canola blooming was 76 percent complete by the end of the week, compared to 100 percent of canola blooming at this time last year.

Row Crops: Fieldwork continued where conditions allowed. **Corn** seedbed preparation was 87 percent complete by the end of the week. Corn planting was 27 percent complete by Sunday, and ten percent was emerged. **Sorghum** seedbed preparation was 54 percent complete, and **soybean** seedbed preparation was 37 percent complete by week's end. **Peanut** seedbed preparation was 58 percent complete, and **cotton** seedbed preparation was 59 percent complete, 13 points behind normal.

Watermelon planting had begun and was 21 percent complete by the end of the week, 21 points behind this week last year, but six points ahead of the five-year average.

Pasture and Livestock: Conditions of pasture and range improved slightly, and were rated mostly fair to poor. Recent rainfall allowed for improvements to soil moisture, especially in the eastern half of the state. However, cooler temperatures continued to limit forage development. Livestock conditions continued to be rated mostly good to fair.

Conditions by Percent

For Week Ending Sunday, April 21, 2013

Commodity	Very Poor	Poor	Fair	Good	Excellent
Wheat	13	23	37	25	2
Rye	20	13	28	35	4
Oats	6	14	39	35	6
Canola	20	23	27	28	2
Livestock	4	13	44	35	4
Pasture and Range	22	30	32	15	1

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Crop Progress by Percent

For Week Ending Sunday, April 21, 2013

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Wheat	Jointing	86	78	99	94
	Headed	5	N/A	87	43
Rye	Jointing	93	82	100	97
	Headed	28	9	94	63
Oats	Planted	97	96	100	99
	Jointing	33	25	78	61
Canola	Blooming	76	40	100	N/A
Corn	Seedbed Prepared	87	80	99	90
	Planted	27	19	61	48
	Emerged	10	N/A	28	15
Sorghum	Seedbed Prepared	54	37	67	53
Soybeans	Seedbed Prepared	37	28	49	46
Peanuts	Seedbed Prepared	58	38	61	66
Cotton	Seedbed Prepared	59	51	80	72
Watermelons	Planted	21	N/A	42	15

Mesonet Temperature and Precipitation Data

Week Ending Sunday, April 21, 2013

Weather for Week Ending April 21, 2013:

Temperatures ranged from 21 degrees at Boise City on Friday, April 19th, to 88 degrees at Pauls Valley on Monday, April 15th.

Precipitation ranged from 0.13 of an inch in the Panhandle district to 1.85 inches in the Central district. Soil temperature averages ranged from 44 degrees at Beaver and May Ranch on Thursday, April 18th, to 75 degrees at Burneyville and Idabel on Wednesday, April 17th.

District	Temperature			Precipitation			
	High	Low	Average	Current Week	March 1, 2013 to April 21, 2013		
					Total	Departure From Normal	Percent of Normal
	Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent
Panhandle	59	32	46	0.13	0.87	-2.06	30
West Central	60	39	50	0.18	2.43	-1.79	58
Southwest	66	42	54	1.60	4.10	-0.03	99
North Central	59	39	49	0.34	3.61	-1.15	76
Central	65	44	55	1.85	6.76	1.05	118
South Central	74	50	61	0.46	4.62	-1.57	75
Northeast	67	43	54	1.73	5.75	-0.72	89
East Central	73	48	59	1.47	7.55	0.43	106
Southeast	76	51	62	1.08	8.11	0.49	106