



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Weekly Summary for Apr 21 - Apr 27

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Severe Weather; Tornado in the Northeast

Severe weather moved through the state last weekend. There were reports of hail damage in Central and Southeastern Oklahoma. The storm continued to move east, where the first deadly tornado of the year hit Ottawa County. The tornado destroyed homes and businesses as it continued to move east toward the Arkansas and Missouri state lines. Minimal rain fell with this storm. Precipitation last week ranged from 0.03 of an inch in the Panhandle to 1.45 inches in the Southeast District. The dryline formed across the state leaving the western portion dry. Any moisture received was carried away by the high winds. Precipitation in Southeast Oklahoma was welcomed but more is needed to improve forages and fill stock ponds. Drought conditions continued to worsen, especially in the Northwestern portion of the state. Small grain crop assessments will be made in the upcoming Ag Yield producer survey during the week of April 27th; results will be issued in the May *Crop Production* report issued May 9th. Winter wheat was struggling due to the prolonged drought and the freeze from the previous week. 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 5.8 days suitable for fieldwork on average across the state.

Soil Moisture Conditions by Percent

Week Ending Sunday, April 27, 2014

Moisture Rating	Current Week	Previous Week	One Year Ago
Topsoil			
Very Short	40	41	17
Short	32	34	18
Adequate	27	24	62
Surplus	1	1	3
Subsoil			
Very Short	45	45	33
Short	35	36	35
Adequate	19	18	32
Surplus	1	1	0

Small Grains: Winter wheat conditions were rated mostly poor to very poor with 26 percent rated fair. Winter wheat jointing reached 90 percent, two points behind last year. Winter wheat headed reached 45 percent by Sunday, 26 points ahead of the previous year and 14 points behind the five year average. **Canola** conditions were rated 75 percent poor to very poor, with 19 percent rated fair. Canola blooming reached 88 percent by week's end, the same as 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, 17 points behind the previous year and 16 points behind the five-year average. Oats emerged reached 74 percent by week's end, up 1 point from last week. Oats jointing reached 32 percent, compared to 59 percent the previous year and 70 percent on the five-year average. **Rye** conditions were rated 72 percent fair to poor. Rye jointing reached 59 percent complete by Sunday, 40 points behind the five-year average.

Row Crops: Planting of row crops were in full swing last week. Seedbed preparation for **corn** reached 90 percent by week's end, 2 points behind last year. Corn planted reached 64 percent compared to 33 percent one year ago. Corn emerged reached 27 percent by week's end, 11 points ahead of last year and 4 points ahead of the five-year average. **Sorghum** seedbed preparation was 72 percent complete compared to 55 percent last year and 60 percent on the five-year average. **Soybean** seedbed preparation reached 53 percent complete by Sunday, up 14 points from last year and 3 points ahead of the five-year average.

Soybeans planted reached 7 percent by week's end, on track with the five-year average. Seedbed preparation of **cotton** was 80 percent complete by the end of the week, 6 points ahead of last year. **Peanut** seedbed preparation reached 71 percent complete, 10 points ahead of last year. Peanuts planted reached 7 percent by Sunday.

Pasture and Livestock: Range and pasture conditions continued to be rated mostly fair to poor. Rain is still needed to fill ponds and see any growth in pastures. Producers continued to provide hay and supplemental feed to livestock. Livestock conditions were rated 86 percent good to fair.

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Crop Progress by Percent

For Week Ending Sunday, April 27, 2014

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Wheat	Jointing	90	89	92	98
	Headed	45	10	19	59
Canola	Blooming	88	77	88	N/A
Rye	Jointing	59	52	98	99
Oats	Planted	83	82	100	99
	Emerged	74	73	86	49
	Jointing	32	19	59	70
Corn	Seedbed Prepared	90	83	88	93
	Planted	64	50	33	55
	Emerged	27	N/A	16	23
Sorghum	Seedbed Prepared	72	66	55	60
Soybeans	Seedbed Prepared	53	47	39	50
	Planted	7	N/A	N/A	7
Peanuts	Seedbed Prepared	71	65	61	69
	Planted	7	N/A	N/A	6
Cotton	Seedbed Prepared	80	72	74	74
Watermelons	Planted	7	N/A	32	29

Weather for Week Ending April 27, 2014: Temperatures ranged from 35 degrees at Kenton on Friday, April 25th to 95 degrees at Altus on Saturday, April 26th. Precipitation ranged from 0.03 of an inch in the Panhandle to 1.45 inches in the Southeast District. Soil temperature averages ranged from 57 degrees at Boise City on Monday, April 21st, to 75 degrees at Ardmore on Sunday, April 27th.

Mesonet Temperature and Precipitation Data

Week Ending Sunday, April 27, 2014

District	Temperature			Current Week	Precipitation		
	High	Low	Average		March 1, 2014 to April 27, 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	80	50	65	0.03	0.77	-2.52	23
West Central	81	54	68	0.39	1.32	-3.42	28
Southwest	83	54	69	0.55	2.09	-2.58	45
North Central	82	51	67	0.29	1.13	-4.22	21
Central	81	53	68	0.88	3.16	-3.26	49
South Central	80	55	69	1.01	5.18	-1.76	75
Northeast	78	51	66	0.77	3.71	-3.56	51
East Central	78	52	66	0.86	5.88	-2.11	74
Southeast	79	52	66	1.45	7.92	-0.60	93