



# Oklahoma Crop Weather

## Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Weekly Summary for May 20-May 26

Issued May 28, 2013

## Deadly EF-5 Twister in Central Oklahoma

The National Weather Service confirmed a tornado of the highest intensity formed west of Newcastle on Monday afternoon and traveled through Moore, taking 24 lives. In Newcastle and southwestern Oklahoma City, livestock deaths and property damage was severe, while entire neighborhoods in Moore were destroyed. The storm system continued to produce smaller tornadoes, damaging barns and other property in eastern Oklahoma. That system and subsequent storms throughout the week brought heavy rains and even flooding to south central and southeastern Oklahoma. Rainfall averaged almost four inches in the South Central District, with just over six inches recorded in Centrahoma. The western half of the state received very little moisture this past week, and continues to suffer from the other natural disaster in our state, the prolonged drought. According to the May 21st Drought Monitor, 11.6 percent of the state is in an exceptional or D-4 drought, a small increase from the previous week. Overall the percentage of the state in any stage of drought has declined to 74.79 percent, due to multiple rains in central and eastern Oklahoma. Topsoil moisture conditions were rated adequate for half of the state. Subsoil moisture conditions varied widely but 64 percent was rated short to very short. There were 4.3 days suitable for fieldwork.

### Soil Moisture Conditions by Percent

Week Ending Sunday, May 26, 2013

Moisture Rating	Current Week	Previous Week	One Year Ago
<b>Topsoil</b>			
Very Short	23	16	13
Short	22	21	45
Adequate	50	60	42
Surplus	5	3	0
<b>Subsoil</b>			
Very Short	38	29	18
Short	26	30	42
Adequate	34	39	40
Surplus	2	2	0

**Small Grains:** Conditions of wheat and rye were rated mostly fair to poor and oats were rated mostly good to fair, as small grain harvest approaches. **Wheat** heading was 93 percent complete by the end of the week. Wheat in the soft dough stage of development was 49 percent complete, 33 points behind the five-year average. **Rye** in the soft dough stage was 67 percent complete by week's end, 21 points behind normal. **Oats** jointing was virtually complete, and 69 percent had headed by Sunday. Oats in the soft dough stage reached 20 percent by Sunday, 26 points behind normal.

**Canola** was rated mostly good to fair with 42 percent rated poor to very poor. Canola was 37 percent of mature by the end of the week, compared to 99 percent this week last year.

**Row Crops:** Planting and emergence of all row crops was behind normal. However, three quarters of the emerged corn crop was rated in good condition. **Corn** seedbed preparation was virtually complete and 86 percent was planted by the end of the week. Corn emerged was 54 percent complete, 31 points behind normal. **Sorghum** seedbed preparation was 72 percent complete, and a fourth of the crop had been planted by the end of the week, 15 points behind the five-year average. Seven percent of sorghum was emerged by week's end. **Soybean** seedbed preparation was 63 percent complete, and 18 percent had been planted, 24 points behind the five-year average. **Peanut** seedbed preparation was 93 percent complete, and 67 percent of the crop had been planted by Sunday. Peanuts emerged was 17 percent complete, 23 point behind normal. **Cotton** seedbed preparation was 91 percent complete by the end of the week. Cotton planting was 36 percent complete and 11 percent had emerged by Sunday.

**Watermelon** planting was 88 percent complete by the end of the week, and 17 percent of the crop was running vines, down 11 points from the five-year average.

**Hay:** Conditions of alfalfa and other hay were rated mostly good to fair. A first cutting of **alfalfa hay** was 52 percent complete by the end of the week, 29 points behind the five year average. A first cutting of **other hay** was 22 percent complete, 17 points behind normal.

**Pasture and Livestock:** Conditions of pasture and range were rated mostly good to fair. Rains in the southeastern quarter of the state had improved pasture and refilled stock ponds Livestock conditions continued to be rated mostly good to fair.

### Conditions by Percent

For Week Ending Sunday, May 26, 2013

Commodity	Very Poor	Poor	Fair	Good	Excellent
Wheat	25	29	29	15	2
Rye	22	25	39	11	3
Oats	7	15	39	34	5
Canola	20	22	33	23	2
Corn	0	2	21	75	2
Alfalfa Hay	6	14	38	35	7
Other Hay	7	16	46	30	1
Livestock	1	9	40	43	7
Pasture and Range	14	22	35	26	3

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### Crop Progress by Percent

For Week Ending Sunday, May 26, 2013

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Wheat	Headed	93	79	100	99
	Soft Dough	49	28	99	82
Rye	Soft Dough	67	34	100	88
Oats	Jointing	97	94	100	95
	Headed	69	50	93	78
	Soft Dough	20	10	73	46
Canola	Mature	37	14	99	N/A
Corn	Seedbed Prepared	97	94	100	100
	Planted	86	54	100	98
	Emerged	54	45	88	85
Sorghum	Seedbed Prepared	72	63	92	85
	Planted	25	24	50	40
	Emerged	7	N/A	24	19
Soybeans	Seedbed Prepared	63	57	88	79
	Planted	18	10	55	42
Peanuts	Seedbed Prepared	93	89	99	99
	Planted	67	44	83	71
	Emerged	17	7	48	40
Cotton	Seedbed Prepared	91	88	90	95
	Planted	36	16	48	41
	Emerged	11	N/A	30	22
Alfalfa Hay	1st Cutting	52	32	97	81
Other Hay	1st Cutting	22	16	71	39
Watermelons	Planted	88	86	98	84
	Running	17	11	60	28

### Mesonet Temperature and Precipitation Data

Week Ending Sunday, May 26, 2013

District	Temperature			Precipitation			
	High	Low	Average	Current Week	March 1, 2013 to May 26, 2013		
					Total	Departure From Normal	Percent of Normal
	Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent
Panhandle	83	54	69	0.07	1.49	-4.82	24
West Central	84	58	70	0.21	3.90	-5.21	43
Southwest	87	60	73	0.34	6.00	-3.10	66
North Central	79	58	68	0.26	6.60	-3.00	69
Central	79	60	69	1.58	11.21	-0.28	98
South Central	81	61	70	3.95	11.02	-0.99	92
Northeast	77	59	68	0.90	10.34	-1.92	84
East Central	77	60	69	2.67	14.11	0.75	106
Southeast	80	61	70	3.16	14.85	0.55	104

#### Weather for Week Ending May 26, 2013:

Temperatures ranged from 40 degrees at Kenton on Wednesday, May 22nd, to 100 degrees at Hooker on Sunday, May 26th. Precipitation ranged from 0.07 of an inch in the Panhandle district to 3.95 inches in the South Central district. Soil temperature averages ranged from 62 degrees at Foraker on Thursday, May 23rd, to 83 degrees at Grandfield on Monday, May 20th.