



# Oklahoma Crop Weather

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

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Severe storms produced large tornados, up to softball size hail, damaging winds, and heavy rainfall last week. Numerous homes and other structures were damaged across Western Oklahoma including 50 to 75 homes in Elk City. All districts recorded above normal precipitation. According to the OCS Mesonet, the Panhandle and Northeast districts experienced the wettest 60 day period since 1921. Drought condition was rated seven percent moderate to exceptional drought, up three points from last week but does not yet reflect last week's rainfall totals. Statewide temperatures averaged in the low 80's. Topsoil and subsoil moisture conditions were rated mostly adequate to short. There were 4.2 days suitable for fieldwork.

**Small Grains:** Winter wheat headed reached 98 percent, up 2 points from normal. Winter wheat harvested reached 1 percent, down 4 points from normal. Canola coloring reached 80 percent, up 17 points from normal. Canola harvested reached 1 percent. Rye harvested reached 3 percent. Oats jointing reached 87 percent, unchanged from normal. Oats headed reached 67 percent.

**Row Crops:** Corn emerged reached 70 percent, up 2 points from normal. Sorghum planted reached 34 percent, down 5 points from normal. Soybeans seeded reached 26 percent, down 5 points from normal. Soybeans emerged reached 9 percent, down 4 points from normal. Peanuts planted reached 72 percent, up 6 points from normal. Cotton planted reached 38 percent, up 9 points from the previous year and up 10 points from normal.

**Hay:** A first cutting of alfalfa hay reached 60 percent, unchanged from the previous year but up 5 points from normal. A first cutting of other hay reached 30 percent, down 7 points from normal.

**Watermelons:** Watermelons planted reached 40 percent, down 18 points from the previous year and down 24 points from normal.

**Pasture and Livestock:** Conditions of pasture and range were rated at 82 percent good to fair. Livestock condition was rated at 85 percent good to fair.

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**Soil Moisture Conditions by Percent**  
For Week Ending May 21, 2017

Moisture Rating	Current Week	Previous Week	One Year Ago
<b>Topsoil</b>			
Very Short	1	1	4
Short	3	3	16
Adequate	88	81	77
Surplus	8	15	3
<b>Subsoil</b>			
Very Short	1	2	2
Short	11	12	16
Adequate	86	80	79
Surplus	2	6	3

**Crop Conditions by Percent**  
For Week Ending May 21, 2017

Commodity	Very Poor	Poor	Fair	Good	Excellent
Wheat	3	10	38	44	5
Rye	3	14	46	32	5
Oats	4	8	36	45	7
Canola	2	15	52	25	6
Livestock	1	3	24	61	11
Pasture and Range	1	5	32	50	12

**Crop Progress by Percent**  
For Week Ending May 21, 2017

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
<b>Wheat</b>	Headed	98	94	98	96
	Harvested	1	N/A	N/A	4
<b>Canola</b>	Coloring	80	60	58	63
<b>Rye</b>	Headed	98	95	79	86
	Harvested	3	2	N/A	N/A
<b>Oats</b>	Jointing	87	82	86	87
	Headed	67	63	N/A	N/A
<b>Corn</b>	Planted	78	67	74	82
	Emerged	70	58	60	68
<b>Sorghum</b>	Planted	34	29	39	39
<b>Soybeans</b>	Planted	26	18	36	31
	Emerged	9	2	17	13
<b>Peanuts</b>	Planted	72	49	63	66
<b>Cotton</b>	Planted	38	33	29	28
<b>Alfalfa Hay</b>	First Cutting	60	39	60	55
<b>Other Hay</b>	First Cutting	30	22	47	37
<b>Watermelons</b>	Planted	40	11	58	64

N/A Not available.

**Weather for Week Ending May 21, 2017:** Temperatures ranged from 36 degrees at Goodwell on Saturday, May 20th to 95 degrees at Grandfield on Monday, May 15th. Precipitation ranged from 0.7 of an inch in the Panhandle district to 5.2 inches in the East Central district. Soil temperature averages ranged from 58 degrees at Kenton on Saturday, May 20th to 83 degrees at Burneyville on Monday, May 15th.

**Mesonet Temperature and Precipitation Data**  
For Week Ending May 21, 2017

Districts	Temperature			Precipitation			
	High	Low	Average	Current Week	Mar 1, 2017 to May 21, 2017		
					Total	Departure from Normal	Percent of Normal
	<i>Degrees</i>			<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Percent</i>
Panhandle	78	49	63	0.70	9.63	4.85	201
North Central	80	56	68	1.31	12.34	4.06	149
Northeast	79	59	69	2.96	20.81	9.42	183
West Central	80	56	67	1.35	10.59	3.38	147
Central	80	59	69	2.21	14.24	4.36	144
East Central	80	59	70	5.20	19.21	7.21	160
Southwest	82	58	70	1.11	9.44	1.77	123
South Central	81	61	71	4.93	11.06	0.34	103
Southeast	82	61	72	2.06	13.31	0.07	101