



# Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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

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**Weekly Summary for July 24 - 30**

**July 31, 2017**

The state received minimal rainfall throughout the week, with the highest precipitation totals recorded in the Southeast district at just eight-tenths of an inch. As of July 25th, drought conditions were rated fifty-two percent abnormally dry to exceptional, up approximately eight points from the previous week and up 14 points from the previous year. Conditions continued to worsen in the West Central and Central districts, with areas entering moderate to severe drought. Statewide temperatures averaged in the mid 80's. Topsoil and subsoil moisture conditions were rated mostly adequate to short. There were 6.3 days suitable for fieldwork.

**Row Crops:** Corn silk reached 76 percent, down 7 points from the previous year and down 10 points from normal, while corn dough reached 30 percent, up 5 points from the previous year but down 11 points from normal. Sorghum headed reached 45 percent, up 2 points from the previous. Sorghum coloring reached 26 percent, up 9 points from the previous year and up 11 points from normal. Soybeans emerged reached 90 percent, down 8 points from normal. Soybeans blooming reached 40 percent, up 5 points from normal. Soybeans setting pods reached 22 percent, up 8 points from the previous year and up 13 points from normal. Peanuts pegging reached 55 percent, down 14 points from the previous year and down 23 points from normal. Cotton squaring reached 89 percent, up 14 points from the previous year and up 12 points from normal. Cotton setting bolls reached 25 percent, down 4 points from the previous year and down 9 points from normal.

**Hay:** A second cutting of alfalfa hay reached 94 percent, down 5 points from the previous year and down 2 points from normal. A third cutting of alfalfa hay reached 74 percent, up 62 points from the previous year and up 37 points from normal. A fourth cutting of alfalfa hay reached 8 percent, up 8 points from the previous year and up 6 points from normal. A first cutting of other hay reached 91 percent, down 8 points from the previous year and down 3 points from normal. A second cutting of other hay reached 54 percent, up 20 points from the previous year and up 20 points from normal.

**Watermelons:** Watermelons harvested reached 35 percent, down 13 points from the previous year and down 16 points from normal.

**Pasture and Livestock:** Conditions of pasture and range were rated at 85 percent good to fair. Livestock condition was rated at 92 percent good to fair.

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**Soil Moisture Conditions by Percent**  
For Week Ending July 30, 2017

Moisture Rating	Current Week	Previous Week	One Year Ago
<b>Topsoil</b>			
Very Short	14	19	5
Short	56	42	30
Adequate	30	39	63
Surplus	0	0	2
<b>Subsoil</b>			
Very Short	5	16	4
Short	53	51	24
Adequate	42	33	70
Surplus	0	0	2

**Crop Conditions by Percent**  
For Week Ending July 30, 2017

Commodity	Very Poor	Poor	Fair	Good	Excellent
Corn	0	3	24	60	13
Sorghum	0	6	35	58	1
Peanuts	0	0	15	85	0
Cotton	0	2	14	84	0
Soybeans	1	4	22	72	1
Alfalfa Hay	7	20	41	28	4
Other Hay	4	20	51	22	3
Livestock	0	2	23	69	6
Pasture and Range	2	9	44	41	4

**Crop Progress by Percent**  
For Week Ending July 30, 2017

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
<b>Corn</b>	Silking	76	64	83	86
	Dough	30	9	25	41
<b>Sorghum</b>	Headed	45	36	43	45
	Coloring	26	21	17	15
<b>Soybeans</b>	Emerged	90	86	95	98
	Blooming	40	24	39	35
	Setting Pods	22	12	14	9
<b>Peanuts</b>	Pegging	55	51	69	78
<b>Cotton</b>	Squaring	89	65	75	77
	Setting Bolls	25	20	29	34
<b>Alfalfa Hay</b>	Second Cutting	94	90	99	96
	Third Cutting	74	69	12	37
	Fourth Cutting	8	(NA)	0	2
<b>Other Hay</b>	First Cutting	91	90	99	94
	Second Cutting	54	49	34	34
<b>Watermelons</b>	Harvested	35	14	48	51

(NA) Not available.

**Weather for Week Ending July 30, 2017:** Temperatures ranged from 62 degrees at Kenton on Monday, July 17th to 108 degrees at Kingfisher on Saturday, July 22nd. Precipitation ranged from 0.01 of an inch in the West Central and East Central districts to 0.85 of an inch in the Southeast district. Soil temperature averages ranged from 75 degrees at Kenton on Monday, July 17th to 97 degrees at Oklahoma City on Saturday, July 22nd.

**Mesonet Temperature and Precipitation Data**  
For Week Ending July 30, 2017

Districts	Temperature			Precipitation			
	High	Low	Average	Current Week	March 1, 2017 to July 30, 2017		
					Total	Departure from Normal	Percent of Normal
	<i>degrees</i>			<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>percent</i>
Panhandle	99	69	85	0.04	14.78	3.39	130
North Central	100	75	88	0.12	17.31	0.19	101
Northeast	95	72	84	0.03	27.53	5.74	126
West Central	100	73	86	0.01	14.54	-0.37	97
Central	98	74	86	0.20	19.09	-0.17	99
East Central	94	72	83	0.29	28.58	6.69	131
Southwest	100	73	86	0.60	16.33	0.74	105
South Central	97	73	85	0.22	20.29	0.27	101
Southeast	94	71	83	0.85	26.52	3.15	113