



# 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 18 - July 24**

**Issued July 25, 2016**

Last week, high temperatures and little rain continued to be the dominant across the state. According to the Mesonet, a ridge of high pressure air is over the central United States, which is increasing temperatures and limiting rainfall. Drought conditions were rated 8 percent moderate drought, up 1 point from the previous week and 35 percent as abnormally dry, down 1 point. Temperatures ranged from 61 degrees at Goodwell on Tuesday, July 19th to 107 degrees at Alva on Friday, July 22nd. Precipitation ranged from none in the North Central district to 0.19 of an inch in the Southeast district. Soil temperature averages ranged from 81 degrees at Putnam on Monday, July 18th to 97 degrees at Burneyville on Sunday, July 24th, 2016. Statewide air temperatures averaged in the mid 80's across the state. Topsoil and subsoil moisture conditions were rated mostly adequate to short, 6.6 days suitable for fieldwork.

### Soil Moisture Conditions by Percent

*For Week Ending July 24, 2016*

Moisture Rating	Current Week	Previous Week	One Year Ago
<b>Topsoil</b>			
Very Short	5	4	5
Short	31	25	26
Adequate	62	69	64
Surplus	2	2	5
<b>Subsoil</b>			
Very Short	3	2	9
Short	23	20	27
Adequate	72	75	59
Surplus	2	3	5

**Small Grains:** Oats harvested reached 95 percent, up 5 points from the previous year but down 3 points from normal.

### Crop Conditions by Percent

*For Week Ending July 24, 2016*

Commodity	Very Poor	Poor	Fair	Good	Excellent
Corn	2	5	18	70	5
Sorghum	0	2	25	70	3
Peanuts	0	0	8	90	2
Cotton	0	0	46	47	7
Soybeans	0	1	32	63	4
Alfalfa Hay	0	1	21	65	13
Other Hay	1	2	17	73	7
Livestock	1	3	22	64	10
Pasture and Range	1	7	37	48	7

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**Row Crops:** Corn silk reached 74 percent, down 10 points from the previous year and down 9 points from normal. Corn dough reached 18 percent, down 5 points from the previous year and down 14 points from normal. Sorghum headed reached 38 percent, down 1 point from the previous year and down 1 point from normal. Sorghum coloring reached 7 percent, unchanged from the previous year and down 1 point from normal. Soybeans emerged reached 90 percent, unchanged from the previous year but down 7 points from normal. Soybeans blooming reached 34 percent, up 7 points from the previous year and up 4 points from normal. Soybeans setting pods reached 12 percent, up 7 points from the previous year and up 4 points from normal. Peanuts pegging reached 60 percent, up 11 points from the previous year but down 13 points from normal. Cotton squaring reached 65 percent, down 5 points from the previous year but up 4 points from normal. Cotton setting bolls reached 19 percent, up 2 points from the previous year but down 3 points from normal.

**Hay:** A second cutting of alfalfa hay reached 96 percent, up 5 points from the previous year and up 4 points from normal. A first cutting of other hay reached 96 percent, up 6 points from the previous year and up 6 points from normal. A second cutting of other hay reached 28 percent, down 6 points from the previous year but up 2 points from normal.

**Watermelons:** Watermelons harvested reached 35 percent, down 3 points from the previous year and down 5 points from normal.

**Pasture and Livestock:** Conditions of pasture and range were rated at 85 percent good to fair. Livestock condition was rated at 86 percent good to fair.

**Crop Progress by Percent**  
For Week Ending July 24, 2016

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
<b>Oats</b>	Harvested	95	90	90	98
<b>Corn</b>	Silking	74	62	84	83
	Dough	18	N/A	23	42
<b>Sorghum</b>	Headed	38	30	39	39
	Coloring	7	2	7	8
<b>Soybeans</b>	Emerged	90	85	90	97
	Blooming	34	16	27	30
	Setting Pods	12	2	5	5
<b>Peanuts</b>	Pegging	60	55	49	73
<b>Cotton</b>	Squaring	65	43	70	61
	Setting Bolls	19	10	17	22
<b>Alfalfa Hay</b>	Second Cutting	96	88	91	92
<b>Other Hay</b>	First Cutting	96	94	90	90
	Second Cutting	28	15	34	26
<b>Watermelons</b>	Harvested	35	20	38	40

**Weather for Week Ending July 24, 2016:** Temperatures ranged from 61 degrees at Goodwell on Tuesday, July 19th to 107 degrees at Alva on Friday, July 22nd. Precipitation ranged from none in the North Central district to 0.19 of an inch in the Southeast district. Soil temperature averages ranged from 81 degrees at Putnam on Monday, July 18th to 97 degrees at Burneyville on Sunday, July 24th, 2016.

# Mesonet Temperature and Precipitation Data

For Week Ending July 24, 2016

Districts	Temperature			Precipitation			
	High	Low	Average	Current Week	Mar 1, 2016 to July 24, 2016		
					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	100	70	86	0.10	11.73	0.85	108
North Central	101	74	88	0.00	14.93	-1.65	90
Northeast	96	74	85	0.00	19.17	-1.91	91
West Central	97	73	85	0.00	14.63	0.18	101
Central	97	74	86	0.00	17.15	-1.52	92
East Central	96	74	85	0.02	20.47	-0.66	97
Southwest	98	72	85	0.00	20.90	5.74	138
South Central	97	74	86	0.00	23.15	3.68	119
Southeast	98	73	85	0.19	25.29	2.69	112