



# Oklahoma Crop Weather

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

**Volume 40, Number 28 corrected      Weekly Summary for August 21-27      August 28, 2017**

For the second consecutive week, precipitation totals were above normal, with the largest departures experienced in the East Central and Northeast districts. As of August 22nd, drought conditions were rated four percent abnormally dry to exceptional, down ten points from the previous week. Conditions continued to be most apparent in the West Central, Panhandle and Central districts of the state. Statewide temperatures averaged in the high 70's. Topsoil and subsoil moisture conditions were rated mostly adequate to short. There were 4.9 days suitable for fieldwork.

**Row Crops:** Corn dough reached 92 percent, up 6 points from the previous year. Corn dent reached 70 percent, up 8 points from the previous year. Corn mature reached 18 percent, down 10 points from normal. Sorghum headed reached 90 percent, up 1 point from the previous year, while sorghum coloring reached 51 percent, unchanged from normal. Sorghum mature also was unchanged from normal at 15 percent. Soybeans blooming reached 81 percent, up 6 points from the previous year but down 1 point from normal. Soybeans setting pods reached 64 percent, up 1 point from the previous year and up 3 points from normal. Peanuts pegging reached 97 percent, up 3 points from the previous year. Peanuts mature reached 4 percent, down 5 points from the previous year and down 5 points from normal. Cotton setting bolls reached 73 percent, down 15 points from normal. Cotton bolls opening reached 4 percent, down 4 points from the previous year and down 8 points from normal.

**Hay:** A third cutting of alfalfa hay reached 93 percent, up 6 points from the previous year and up 4 points from normal. A fourth cutting of alfalfa hay reached 37 percent, up 8 points from the previous year and up 11 points from normal. A second cutting of other hay reached 62 percent, down 13 points from the previous year and down 2 points from normal.

**Watermelons:** Watermelons harvested reached 76 percent, down 3 points from the previous year and down 8 points from normal. .

**Pasture and Livestock:** Conditions of pasture and range were rated at 82 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 August 27, 2017

Moisture Rating	Current Week	Previous Week	One Year Ago
<b>Topsoil</b>			
Very Short	0	0	7
Short	11	10	32
Adequate	86	79	59
Surplus	3	11	2
<b>Subsoil</b>			
Very Short	0	2	5
Short	17	20	28
Adequate	82	72	65
Surplus	1	6	2

**Crop Conditions by Percent**  
For Week Ending August 27, 2017

Commodity	Very Poor	Poor	Fair	Good	Excellent
Corn	1	4	36	47	12
Sorghum	0	4	39	54	3
Peanuts	0	0	10	82	8
Cotton	0	1	12	86	1
Soybeans	0	3	20	46	31
Alfalfa Hay	1	2	34	61	2
Other Hay	0	9	36	53	2
Livestock	0	1	24	68	7
Pasture and Range	1	4	33	49	13

**Crop Progress by Percent**  
For Week Ending August 27, 2017

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
<b>Corn</b>	Dough	92	85	86	89
	Dented	70	54	62	70
	Mature	18	(NA)	25	28
<b>Sorghum</b>	Headed	91	79	89	86
	Coloring	51	49	50	51
	Mature	15	10	16	15
<b>Soybeans</b>	Blooming	81	80	75	82
	Setting Pods	64	54	63	61
<b>Peanuts</b>	Pegging	97	84	94	97
	Mature	4	2	9	9
<b>Cotton</b>	Setting Bolls	73	67	80	88
	Bolls Opening	4	3	8	12
<b>Alfalfa Hay</b>	Third Cutting	93	91	87	89
	Fourth Cutting	37	34	29	26
<b>Other Hay</b>	Second Cutting	62	60	75	64
	Third Cutting	11	5	12	3
<b>Watermelons</b>	Harvested	76	74	79	84

(NA) Not available.

**Weather for Week Ending August 27, 2017:** Temperatures ranged from 54 degrees at Kenton on Sunday, August 27th to 96 degrees at Ardmore on Tuesday, August 22nd. Precipitation ranged from 0.02 of an inch in the Panhandle to 2.11 inches in the Southwest district. Soil temperature averages ranged from 73 degrees at Boise City on Tuesday, August 22nd to 90 degrees at Sulphur on Tuesday, August 22nd.

**Mesonet Temperature and Precipitation Data**  
For Week Ending August 27, 2017

Districts	Temperature			Precipitation			
	High	Low	Average	Current Week	March 1, 2017 to August 27, 2017		
					Total	Departure from Normal	Percent of Normal
	<i>degrees</i>			<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>percent</i>
Panhandle	85	63	73	0.02	18.18	4.23	130
North Central	87	66	76	0.24	22.54	2.55	113
Northeast	86	66	75	0.11	33.83	9.09	137
West Central	85	66	75	1.50	21.18	3.57	120
Central	86	67	76	1.30	26.13	4.08	118
East Central	87	68	77	0.40	37.37	12.77	152
Southwest	87	68	76	2.11	22.70	4.68	126
South Central	87	70	78	1.02	26.92	4.62	121
Southeast	87	69	77	0.70	34.65	8.76	134