



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Weekly Summary for Aug 1 - Aug 7

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Last week, Oklahoma saw a return of high temperatures and light rain throughout the state. According to the Mesonet, another heat dome has settled over the Southern Plains and Oklahoma. Drought conditions were rated 8 percent moderate drought, down 2 points from the previous week and 1 percent as severe drought, no change from the previous week. Temperatures ranged from 60 degrees at Boise City on Friday, August 5th to 106 degrees at Grandfield on Wednesday, August 3rd. Precipitation ranged from 0.05 of an inch in the South Central district to 1.26 inches in the Panhandle district. Soil temperature averages ranged from 73 degrees at Kenton on Saturday, August 6th to 97 degrees at Burneyville on Saturday, August 6th, 2016. Statewide air temperatures averaged in the mid 80's across the state. Topsoil and subsoil moisture conditions were rated mostly adequate to short. 6.4 days suitable for fieldwork.

Soil Moisture Conditions by Percent

For Week Ending August 7, 2016

Moisture Rating	Current Week	Previous Week	One Year Ago
Topsoil			
Very Short	6	5	7
Short	31	30	30
Adequate	61	63	59
Surplus	2	2	4
Subsoil			
Very Short	4	4	11
Short	25	24	27
Adequate	69	70	59
Surplus	2	2	3

Row Crops: Corn silk reached 92 percent, up 1 point from the previous year but down 3 points from normal. Corn dough reached 48 percent, up 4 points from the previous year but down 19 points from normal. Corn dent reached 6 percent, up 2 points from the previous year but down 24 points from normal. Sorghum headed reached 62 percent, up 3 points from the previous year and up 6 points from normal. Sorghum coloring reached 31 percent, up 12 points from the previous year and up 8 points from normal. Soybeans blooming reached 55 percent, up 15 points from the previous year and up 3 points from normal. Soybeans setting pods reached 20 percent, down 1 points from the previous year but up 4 points from normal. Peanuts pegging reached 75 percent, unchanged from the previous year but down 14 points from normal. Peanuts mature reached 5 percent, up 5 points from the previous year and up 5 points from normal. Cotton squaring reached 94 percent, up 2 points from the previous year and up 11 points from normal. Cotton setting bolls reached 44 percent, down 11 points from the previous year but unchanged from normal

Hay: A third cutting of alfalfa hay reached 43 percent, up 6 points from the previous year but down 13 points from normal. A second cutting of other hay reached 50 percent, unchanged from the previous year but up 13 points from normal.

Watermelons: Watermelons harvested reached 55 percent, up 1 point from the previous year but down 12 points from normal.

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Pasture and Livestock: Conditions of pasture and range were rated at 84 percent good to fair. Livestock condition was rated at 87 percent good to fair.

Crop Conditions by Percent

For Week Ending August 7, 2016

Commodity	Very Poor	Poor	Fair	Good	Excellent
Corn	2	4	20	69	5
Sorghum	0	1	33	63	3
Peanuts	0	0	9	91	0
Cotton	0	0	46	47	7
Soybeans	0	1	32	64	3
Alfalfa Hay	0	3	23	62	12
Other Hay	1	3	21	68	7
Livestock	1	3	23	64	9
Pasture and Range	1	8	39	45	7

Crop Progress by Percent

For Week Ending August 7, 2016

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Corn	Silking	92	85	91	95
	Dough	48	26	44	67
	Dented	6	0	4	30
Sorghum	Headed	62	44	59	56
	Coloring	31	19	19	23
Soybeans	Blooming	55	40	40	52
	Setting Pods	20	14	21	16
Peanuts	Pegging	75	71	75	89
	Mature	5	4	0	0
Cotton	Squaring	94	77	92	83
	Setting Bolls	44	31	55	44
	Bolls Opening	0	N/A	0	0
Alfalfa Hay	Third Cutting	43	14	37	56
Other Hay	Second Cutting	50	35	50	37
Watermelons	Harvested	55	50	54	67

Weather for Week Ending August 7, 2016: Temperatures ranged from 60 degrees at Boise City on Friday, August 5th to 106 degrees at Grandfield on Wednesday, August 3rd. Precipitation ranged from 0.05 of an inch in the South Central district to 1.26 inches in the Panhandle district. Soil temperature averages ranged from 73 degrees at Kenton on Saturday, August 6th to 97 degrees at Burneyville on Saturday, August 6th, 2016.

Mesonet Temperature and Precipitation Data
For Week Ending August 7, 2016

Districts	Temperature			Precipitation			
	High	Low	Average	Current Week	Mar 1, 2016 to August 7, 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	94	68	79	1.26	13.64	1.55	113
North Central	94	73	83	1.04	17.75	-0.11	99
Northeast	94	74	83	0.96	21.25	-1.28	94
West Central	98	72	84	0.87	16.39	0.82	105
Central	97	75	85	0.22	19.70	-0.25	99
East Central	97	74	84	0.22	22.52	-0.08	100
Southwest	101	74	87	0.14	21.40	5.24	132
South Central	100	75	87	0.05	23.53	2.98	114
Southeast	99	73	85	0.48	27.02	2.99	112