



Oklahoma Crop Weather

Oklahoma Field Office
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Weekly Summary for Aug 15 - Aug 21

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Hot, dry air has finally given way to cooler weather throughout Oklahoma. According to the Mesonet, the cooler temperatures means less evaporation and increases the chance of drought relief. Drought conditions were rated 8 percent moderate drought, unchanged from the previous week and 1 percent as severe drought, also unchanged from the previous week. Temperatures ranged from 49 degrees at Oilton on Sunday, August 21st to 99 degrees at Freedom on Friday, August 19th. Precipitation ranged from 0.08 of an inch in the North Central district to 2.33 inches in the Southeast district. Soil temperature averages ranged from 73 degrees at Arnett on Sunday, August 21st to 90 degrees at Waurika on Wednesday, August 17th, 2016. Statewide air temperatures averaged in the mid 70's across the state. Topsoil and subsoil moisture conditions were rated mostly adequate to short, 6.7 days suitable for fieldwork.

Soil Moisture Conditions by Percent

For Week Ending August 21, 2016

Moisture Rating	Current Week	Previous Week	One Year Ago
Topsoil			
Very Short	7	6	8
Short	34	32	30
Adequate	57	60	59
Surplus	2	2	3
Subsoil			
Very Short	5	5	12
Short	28	26	28
Adequate	65	67	57
Surplus	2	2	3

Row Crops: Corn dough reached 83 percent, up 8 points from the previous year but down 4 points from normal. Corn dented reached 50 percent, up 2 points from the previous year but down 13 points from normal. Corn mature reached 7 percent, up 7 points from the previous year but down 18 points from normal. Sorghum headed reached 85 percent, up 1 point from the previous year and up 11 points from normal. Sorghum coloring reached 45 percent, up 5 points from the previous year and up 5 points from normal. Sorghum mature reached 11 percent, unchanged from both the previous year and normal. Soybeans blooming reached 66 percent, down 5 points from the previous year and down 11 points from normal. Soybeans setting pods reached 50 percent, down 1 point from the previous year but up 5 points from normal. Soybeans dropping leaves reached 1 percent, up 1 point from the previous year and up 1 point from normal. Peanuts pegging reached 90 percent, up 3 points from the previous year but down 6 points from normal. Peanuts mature reached 7 percent, up 6 points from the previous year and up 4 points from normal. Cotton setting bolls reached 72 percent, down 5 points from the previous year and down 3 points from normal. Cotton bolls opening reached 4 percent, up 2 points from the previous year but unchanged from normal.

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Hay: A third cutting of alfalfa hay reached 78 percent, up 2 points from the previous year and up 4 points from normal. A fourth cutting of alfalfa hay reached 6 percent, up 6 points from the previous year but down 8 points from normal. A second cutting of other hay reached 65 percent, down 2 points from the previous year but up 17 points from normal.

Watermelons: Watermelons harvested reached 70 percent, up 1 point from the previous year but down 11 points from normal.

Pasture and Livestock: Conditions of pasture and range were rated at 83 percent good to fair. Livestock condition was rated at 87 percent good to fair.

Crop Conditions by Percent
For Week Ending August 21, 2016

Commodity	Very Poor	Poor	Fair	Good	Excellent
Corn	2	4	20	69	5
Sorghum	0	1	32	64	3
Peanuts	0	0	10	87	3
Cotton	0	0	46	47	7
Soybeans	0	2	31	64	3
Alfalfa Hay	1	3	25	60	11
Other Hay	0	3	23	67	7
Livestock	1	3	23	64	9
Pasture and Range	2	9	41	42	6

Crop Progress by Percent
For Week Ending August 21, 2016

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Corn	Dough	83	58	75	87
	Dented	50	27	48	63
	Mature	7	N/A	0	25
Sorghum	Headed	85	78	84	74
	Coloring	45	36	40	40
	Mature	11	4	11	11
Soybeans	Blooming	66	60	71	77
	Setting Pods	50	30	51	45
	Dropping Leaves	1	N/A	0	0
Peanuts	Pegging	90	80	87	96
	Mature	7	6	1	3
Cotton	Setting Bolls	72	51	77	75
	Bolls Opening	4	1	2	4
Alfalfa Hay	Third Cutting	78	63	76	74
	Fourth Cutting	6	N/A	0	14
Other Hay	Second Cutting	65	61	67	48
	Third Cutting	1	N/A	0	0
Watermelons	Harvested	70	60	69	81

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Mesonet Temperature and Precipitation Data
For Week Ending August 21, 2016

Districts	Temperature			Precipitation			
	High	Low	Average	Current Week	Mar 1, 2016 to August 21, 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	90	60	75	0.25	14.12	0.71	105
North Central	90	64	77	0.08	18.17	-1.17	94
Northeast	87	64	75	0.17	21.53	-2.48	90
West Central	90	64	76	0.56	17.29	0.31	102
Central	89	65	76	0.24	20.01	-1.36	94
East Central	84	65	74	0.80	23.77	-0.15	99
Southwest	89	65	76	0.66	22.47	5.07	129
South Central	85	66	75	0.69	25.00	3.34	115
Southeast	82	69	74	2.33	31.58	6.35	125