



Oklahoma Crop Weather

Oklahoma Field Office

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No Relief From Dry, Hot Weather

Statewide temperatures averaged nearly 85 degrees last week with only two districts receiving more than a half inch of average rainfall. Of the remaining seven districts, precipitation levels ranged from 0.05 to 0.46 inches. Most of Oklahoma was under an excessive heat warning or a heat advisory status last week as temperatures exceeded 100 degrees. The heat wave continued into the weekend and temperatures ranged from the upper 90's to around 105 degrees with afternoon heat indices reaching 105 to 110 degrees. Field crops and pastures are starting to show signs of stress as a result of the hot and dry weather. Topsoil and subsoil conditions were rated mostly in the adequate to short range. Both topsoil and subsoil saw decreases in the adequate range with only 47 percent of topsoil rated adequate and only 62 percent of subsoil rated adequate. There were 6.6 days suitable for field work.

Soil Moisture Conditions by Percent

Week Ending Sunday, August 1, 2010

Moisture Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	8	6	18	8	5	18
Short	44	28	31	30	22	41
Adequate	47	65	51	62	73	41
Surplus	1	1	0	0	0	0

Small Grains: Ninety-four percent of **wheat** ground was plowed by week's end. Ninety-one percent of **rye** was plowed by Sunday, six points ahead of the five-year average. **Oats** plowed was virtually complete by week's end, 12 points ahead of normal.

Row Crops: In some areas of the State, the hot and dry weather has affected row crops. Eighty-nine percent of **corn** has reached the dough stage, a 25 point jump from the previous week, and 22 points ahead of the five-year average. Corn dented reached 44 percent complete by Sunday, 35 percent ahead of normal. **Sorghum** headed reached 60 percent complete, a four point increase from the week prior, and 29 points ahead of the five-year average. Sorghum coloring has reached 14 percent complete, six points ahead of normal. **Soybeans** in the blooming stage were 65 percent complete by week's end, an eight point increase from the week earlier, and seven points ahead of the five-year average. Soybeans setting pods reached 26 percent, a ten point jump from the week prior, and only one point behind the five-year average. **Peanuts** pegging reached 89 percent complete by week's end, four points behind normal and 53 percent of the plants were setting pods, seven points below normal. **Cotton** squaring reached 89 percent complete, six points ahead of normal. Fifty-one percent of the cotton crop was setting bolls by week's end, 15 points ahead of the previous year and 14 points ahead of the five-year average.

Miscellaneous Crops: **Watermelons** harvested reached 52 percent complete by week's end, an increase of three points from the week prior, but nine points behind normal.

Hay: The third cutting of **alfalfa** was 91 percent complete by week's end. The first cutting of **other hay** reached 93 percent complete and 29 percent of the second cutting was complete by Sunday. Both alfalfa and other hay conditions continue to be rated mostly in the good to fair range despite the hot, dry weather.

Pasture and Range: Pasture and range conditions were rated mostly in the good to fair range, with 10 percent rated excellent.

Livestock: Livestock conditions rated mostly in the good to fair range with 12 percent rated excellent. Prices for feeder steers less than 800 pounds averaged \$116 per cwt. Prices for heifers less than 800 pounds averaged \$110 per cwt.

Conditions by Percent

For Week Ending Sunday, August 1, 2010

Item	Very Poor	Poor	Fair	Good	Excellent
Row Crops -					
Corn	1	8	21	52	18
Sorghum	1	1	28	55	15
Soybeans	1	2	33	55	9
Peanuts	3	0	7	78	12
Cotton	0	0	8	62	30
Hay -					
Alfalfa Hay	2	3	38	51	6
Other Hay	2	4	31	54	9
Livestock, Pasture and Range -					
Livestock	1	3	22	62	12
Pasture and Range	1	5	31	53	10

Crop Progress by Percent

Crop and Event	Week Ending			2005-2009 Average	Crop and Event	Week Ending			2005-2009 Average
	August 1, 2010	July 25, 2010	August 2, 2009			August 1, 2010	July 25, 2010	August 2, 2009	
Wheat -					Peanuts-				
Plowed	94	82	89	82	Pegging	89	85	86	93
Rye-					Setting Pods	53	47	32	60
Plowed	91	89	77	85	Cotton-				
Oats-					Squaring	89	86	85	83
Plowed	97	92	89	85	Setting Bolls	51	49	36	37
Corn-					Alfalfa -				
Dough	89	64	67	67	3rd Cutting	91	82	79	83
Dent	44	25	18	9	4th Cutting	20	N/A	12	20
Sorghum-					Other Hay -				
Headed	60	56	29	31	1st Cutting	93	90	91	90
Coloring	14	13	N/A	8	2nd Cutting	29	21	18	21
Soybeans-					Watermelons -				
Blooming	65	53	63	58	Harvested	52	49	38	61
Setting Pods	26	10	25	27					

Weather for Week Ending August 1, 2010: Temperatures ranged from 61 degrees at Erick on Monday, July 26th, to 107 degrees at Grandfield and Talihina on Sunday, August 1st. Precipitation ranged from 0.05 in the Northeast district to 0.69 inches in the Panhandle district. Soil temperature averages ranged from 76 degrees at Kenton on Monday, July 26th, to 97 degrees at Chickasha and Claremore on Sunday, August 1st.

Mesonet Temperature and Precipitation Data

Week Ending Sunday, August 1, 2010

District	Temperature			Precipitation			
	High	Low	Average	This Week	March 1, 2010 to August 1, 2010		
					Total	Departure From Normal	Percent of Normal
Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent	
Panhandle	95	67	81	0.06	11.51	-0.87	93
West Central	95	69	82	0.46	13.68	-2.30	86
Southwest	96	70	82	0.69	15.72	-0.60	96
North Central	96	71	83	0.09	18.34	0.96	106
Central	94	72	83	0.07	20.56	0.93	105
South Central	95	71	83	0.36	17.71	-2.46	88
Northeast	94	73	83	0.05	21.37	0.34	102
East Central	95	72	83	0.12	19.33	-2.91	87
Southeast	96	71	83	0.57	17.25	-6.44	73