



Oklahoma Crop Weather

Oklahoma Field Office

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No Relief from Hot, Dry Weather

Statewide temperatures averaged nearly 85 degrees last week with all districts receiving less than a half an inch of average rainfall. Most of Oklahoma was in an excessive heat warning or a heat advisory status last week as high temperatures exceeded 100 degrees. The warm and sunny conditions throughout the week have slowed the maturity of row crops and may have damaging effects on yields. Pasture and hay conditions have worsened with the warm weather as well. Precipitation ranged from .18 inch in the South Central district to .48 inches in the Northeast district. Topsoil and subsoil moisture conditions declined considerably, with topsoil falling to mostly very short and subsoil conditions at mostly adequate to short. With the warm weather there were 6.3 days suitable for field work.

Soil Moisture Conditions by Percent

Week Ending Sunday, August 3, 2008

Moisture Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	40	28	5	27	20	2
Short	34	35	22	35	30	12
Adequate	26	37	67	37	49	79
Surplus	0	0	6	1	1	7

Small Grains: Plowing of small grain fields is coming to an end as many producers are looking to start preparing seedbeds. **Winter wheat** plowed increased three percentage points from last week to reach 83 percent complete. **Rye** plowed increased seven percentage points to reach 90 percent complete, while **oats** plowed improved nine points to reach 89 percent complete, both ahead of normal.

Row Crops: Most row crops are showing signs of heat stress as crop conditions declined from the previous week due to lack of rainfall. **Corn** is an exception to the statewide decline in condition and remains mostly in the good range. Corn silking was winding down at 90 percent, an increase of four percentage points from last week but four points behind normal. Just over two-thirds of the corn crop had reached the dough stage, up 22 points from the previous week and two points ahead of the five-year average. Corn dent had reached 30 percent by week's end up seven points from the previous week. A small percentage of corn had started to reach maturity. **Sorghum** emerged was at 86 percent, 13 points behind normal. Thirty percent of the State's sorghum had headed, an increase of five points from the previous week. Sorghum coloring was at 13 percent by week's end. **Soybeans** blooming were at 61 percent, an increase of eight points from the previous week and two points ahead of normal. Twenty percent of the soybeans were setting pods, an increase of seven points from the previous week but 16 points behind normal. Both sorghum and soybean conditions have been heavily affected by the recent dry weather. **Peanuts** pegging increased seven points from the previous week to reach 92 percent, five points behind normal. Peanuts setting pods were at 61 percent, nine points behind normal. **Cotton** squaring increased 13 points to reach 79 percent, nine points behind normal, while 27 percent of the State's cotton acreage was setting bolls, 23 points behind the five-year average.

Hay: Both alfalfa and other hay conditions declined due to the recent warm, dry weather but producers were able to cut and bale hay for the majority of the week. Ninety-one percent of the State's **alfalfa** had been cut for the third time, an eight point increase from the previous week and two percentage points ahead of normal. Alfalfa fourth cutting was at 34 percent by week's end. **Other hay** first cutting reached 90 percent, an increase of four points from the previous week, while other hay second cutting reached 22 percent, nine points behind the five-year average.

Miscellaneous Crops: Nearly all of the State's **watermelons** were setting fruit by week's end. Watermelon harvest had reached 72 percent complete, an increase of 18 points from the previous week and was in line with the five-year average.

Pasture and Range: Pasture and range conditions remained mostly in the good to fair range even with the recent dry weather.

Livestock: Prices for feeder steers less than 800 pounds averaged \$111 per cwt. Prices for heifers less than 800 pounds averaged \$104 per cwt. Livestock conditions were rated mostly in the good to fair range. Mostly light to moderate insect activity was reported.

Conditions by Percent

Week Ending Sunday, August 3, 2008

Item	Very Poor	Poor	Fair	Good	Excellent
Hay -					
Alfalfa	6	15	40	32	7
Other Hay	7	15	39	33	6
Livestock, Pasture and Range -					
Livestock	1	5	29	58	7
Pasture and Range	6	18	38	34	4
Row Crops -					
Corn	0	5	19	67	9
Soybeans	1	4	44	45	6
Peanuts	0	1	29	63	7
Cotton	1	12	47	39	1
Sorghum	2	33	38	23	4

Crop Progress by Percent

Week Ending Sunday, August 3, 2008

Crop and Event	This Week	Last Week	Last Year	5 Year Average	Crop and Event	This Week	Last Week	Last Year	5 Year Average
Wheat -					Peanuts -				
Plowed	83	80	61	85	Pegging	92	85	94	97
Rye -					Setting Pods	61	56	66	70
Plowed	90	83	64	76	Cotton -				
Oats -					Squaring	79	66	77	88
Plowed	89	80	63	88	Setting Bolls	27	19	27	50
Corn -					Watermelon -				
Silking	90	86	97	94	Setting Fruit	96	95	100	100
Dough	67	45	78	65	Harvested	72	54	60	72
Dent	30	23	N/A	N/A	Alfalfa Hay -				
Sorghum -					3rd cutting	91	83	75	89
Emerged	86	86	99	99	4th cutting	34	12	13	18
Headed	30	25	44	43	Other Hay -				
Coloring	13	8	8	14	1st cutting	90	86	89	93
Soybeans -					2nd cutting	22	14	22	31
Blooming	61	53	37	59					
Setting Pods	20	13	13	36					

Weather for Week Ending August 3, 2008: Temperatures ranged from 57 degrees at Boise City on Friday, August 01, 2008 to 109 degrees at Grandfield on Monday, July 28, 2008. Precipitation ranged from 0.18 in the South Central districts to 0.48 inches in the Northeast district. Soil temperatures averaged 78 degrees at Beaver on Tuesday, July 29, 2008 to 96 degrees at Chickasha and Durant on Sunday, August 3, 2008.

Mesonet Temperature and Precipitation Data

Week Ending Sunday, August 3, 2008

District	Temperature			Precipitation			
	High	Low	Average	This Week	March 1, 2008 to August 3, 2008		
					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	97	66	82	0.25	6.97	-5.58	56
West Central	98	71	85	0.20	14.47	-1.69	90
Southwest	99	72	86	0.38	13.65	-2.85	83
North Central	97	71	84	0.47	20.34	2.76	116
Central	98	72	85	0.22	22.33	2.53	113
South Central	101	73	87	0.18	19.29	-1.04	95
Northeast	95	73	84	0.48	36.10	14.86	170
East Central	99	72	85	0.34	30.58	8.16	136
Southeast	100	71	85	0.39	30.34	6.47	127