



# Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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## Weather Conditions Improve

Weather conditions improved last week as the amount of precipitation Oklahoma received was less than an inch for the first time since the week ending June 10<sup>th</sup>. The drop in precipitation was welcomed by farmers across the State. However, many fields were still too soft for agricultural equipment. The State averaged 0.64 inches of precipitation last week, with the Southeast district recording the highest total at 1.92 inches. Topsoil moisture was rated 92 percent surplus to adequate, compared to 16 percent at this time in 2006. Subsoil moisture was rated 93 percent surplus to adequate, compared to just 10 percent last year. There were 2.5 days suitable for fieldwork.

## Soil Moisture Conditions by Percent

Week Ending Sunday, July 8, 2007

Moisture Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	3	1	48	1	0	62
Short	5	6	36	6	6	28
Adequate	53	28	16	64	52	10
Surplus	39	65	0	29	42	0

**Small Grains:** The wheat harvest was nearing completion in areas which received limited rain the past few weeks. However, harvesting operations for most of the State remained well behind normal. Sixty-nine percent of the wheat crop had been harvested by Sunday, an increase of 10 points from last week but 30 points behind the five-year average. Farmers had 68 percent of oats and 60 percent of rye harvested by the end of the week, both well behind normal.

**Row Crops:** Even with improved weather conditions, many fields remained too wet for normal field activities. Flood damage was reported in isolated areas. Sixty-seven percent of corn was silking by the end of last week and 20 percent had reached the dough stage of development. Producers had 84 percent of the State's sorghum acres planted by week's end and just 66 percent of the crop had emerged, both behind normal. Seventy-five percent of peanuts had reached the pegging stage of development and 13 percent of pods were set. Ninety-seven percent of cotton had emerged and 41 percent was squaring. Soybeans were 52 percent planted by the end of last week, 43 points behind normal.

**Hay:** Hay baling remained on hold in many locations this past week as producers wait for fields to dry out. As of Sunday, producers had made the first cutting on 70 percent of other hay, 13 points behind normal. The second cutting of alfalfa, at 78 percent, was 18 points behind the five-year average. Alfalfa and other hay conditions remained mostly in the good to fair range.

**Miscellaneous Crops:** Disease problems from excess moisture had reduced watermelon and cantaloupe yields in some areas. Ninety-six percent of watermelons were setting fruit, 5 points ahead of last year and 8 points ahead of normal. Watermelons were 28 percent harvested by week's end, 11 points above the five-year average. Peaches were rated in the mostly good to fair range with an average fruit set.

**Livestock, Pasture and Range:** Livestock conditions were rated mostly in the excellent to good range. Livestock marketings were average last week. Pasture conditions were also rated mostly in the excellent to good range. Producers in drier locations applied herbicides to weed-infested pastures.

## Conditions by Percent

Week Ending Sunday, July 8, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
<b>Small Grains -</b>					
Rye	7	21	53	17	2
Oats	4	15	41	34	6
<b>Hay -</b>					
Alfalfa	3	11	30	40	16
Other Hay	2	4	31	49	14
<b>Livestock, Pasture and Range -</b>					
Livestock	0	1	14	59	26
Pasture and Range	0	4	14	52	30
<b>Row Crops -</b>					
Corn	1	4	15	35	45
Peanuts	0	4	25	69	2
Cotton	1	10	30	59	0
Sorghum	0	2	24	58	16
Soybeans	6	8	35	47	4

**Crop Progress by Percent**  
Week Ending Sunday, July 8, 2007

Crop and Event	This Week	Last Week	Last Year	5 Year Average	Crop and Event	This Week	Last Week	Last Year	5 Year Average
<b>Wheat -</b>					<b>Peanuts -</b>				
Harvested	69	59	100	99	Pegging	75	43	71	65
Plowed	12	8	78	68	Setting Pods	13	4	26	15
<b>Rye -</b>					<b>Cotton -</b>				
Harvested	60	52	100	86	Emerged	97	92	100	100
<b>Oats -</b>					Squaring	41	28	39	49
Harvested	68	34	98	93	<b>Alfalfa -</b>				
Plowed	15	6	80	63	2nd Cutting	78	72	94	96
<b>Corn -</b>					3rd Cutting	11	7	42	40
Silking	67	47	69	56	<b>Other Hay -</b>				
Dough	20	16	29	26	1st Cutting	70	67	78	83
<b>Sorghum -</b>					<b>Watermelon -</b>				
Planted	84	66	98	97	Setting Fruit	96	91	91	88
Emerged	66	58	83	86	Harvested	28	5	33	17
<b>Soybeans -</b>									
Seedbed Prepared	85	85	100	99					
Planted	52	51	98	95					
Emerged	47	42	91	90					

**Weather for Week Ending July 8, 2007:** Temperatures ranged from 56 degrees at Boise City on Friday, July 6<sup>th</sup> to 103 degrees at Goodwell on Sunday, July 8<sup>th</sup>. Precipitation averaged from 0.17 inches in the Panhandle district to 1.92 inches in the Southeast district. Soil temperatures averaged 72 degrees at Alva on Monday, July 2<sup>nd</sup> to 90 degrees at Sulphur on Sunday, July 8<sup>th</sup>.

**Mesonet Temperature and Precipitation Data**  
Week Ending Sunday, July 8, 2007

District	Temperature			Precipitation			
	High	Low	Average	This Week	March 1, 2007 to July 8, 2007		
					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	62	76	0.17	9.74	-0.69	93
West Central	88	67	77	0.40	23.00	8.69	161
Southwest	89	68	78	0.46	24.28	9.65	166
North Central	89	68	78	0.24	25.56	10.50	170
Central	89	70	78	0.62	31.14	13.51	177
South Central	88	70	78	0.64	25.83	7.63	142
Northeast	89	69	78	0.22	26.26	7.67	141
East Central	89	70	78	1.12	20.21	0.27	101
Southeast	86	70	76	1.92	23.23	2.27	111

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