



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Hot and Humid

Summer heat returned to Oklahoma last week, with heat indices of 100 degrees or more. Average temperatures were in the mid-80's; the excessive heat and humidity caused health problems for livestock in some areas of the state. Each of the nine districts received minimal rainfall last week, but most areas of the state are still in need of moisture to aid crop progression and pastureland. Precipitation ranged from 0.03 in the South Central district to 0.88 of an inch in the Northeast district, while seven of the nine districts had less than 0.40 inch of rain. Topsoil and subsoil conditions were mostly rated adequate with 77 percent of topsoil and 79 percent of subsoil conditions rated adequate. There were 5.6 days suitable for field work.

Soil Moisture Conditions by Percent

Week Ending Sunday, July 18, 2010

Moisture Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	3	2	33	3	3	24
Short	14	8	44	14	10	49
Adequate	77	58	23	79	67	27
Surplus	6	32	0	4	20	0

Small Grains: Dry weather conditions allowed for field work and the wheat harvest activities. **Wheat** harvest is virtually complete, and 73 percent of wheat ground was plowed by week's end. Eighty-four percent of both **rye** and **oats** were plowed by Sunday.

Row Crops: Good condition ratings continue to be reported for row crops. **Corn** silking reached 95 percent complete, a 13 point increase from the week prior and 20 points ahead of the five-year average. **Sorghum** headed reached 34 percent complete, 18 points ahead of normal. Forty percent of **soybeans** were bloomed by week's end, a 19 point increase from the week earlier, and six points ahead of normal. **Peanuts** pegging reached 81 percent complete by week's end and 40 percent of the plants were setting pods. **Cotton** squaring reached 78 percent complete, 13 points ahead of normal. Thirty percent of the cotton crop was setting bolls by week's end, 20 points ahead of normal.

Miscellaneous Crops: Thirty-two percent of **watermelons** were harvested by week's end, an increase of 27 points from the week prior, but 10 points behind the five-year average.

Hay: Both alfalfa and other hay conditions continue to be rated mostly in the good to fair range and the dry weather conditions allowed producers to continue cutting hay. The third cutting of **alfalfa** was 66 percent complete by week's end. First cuttings of **other hay** reached at 84 percent complete and nine percent of the second cutting was complete by Sunday.

Pasture and Range: Pasture and range conditions were rated mostly in the good to fair range, with 13 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 \$117 per cwt. Prices for heifers less than 800 pounds averaged \$110 per cwt.

Conditions by Percent

For Week Ending Sunday, July 18, 2010

Item	Very Poor	Poor	Fair	Good	Excellent
Row Crops -					
Corn	0	1	19	63	17
Sorghum	1	1	28	64	6
Soybeans	0	2	27	61	10
Peanuts	3	0	8	74	15
Cotton	0	1	12	62	25
Hay -					
Alfalfa Hay	1	3	31	56	9
Other Hay	1	4	29	58	8
Livestock, Pasture and Range -					
Livestock	0	2	20	66	12
Pasture and Range	1	6	24	56	13

Crop Progress by Percent

Crop and Event	Week Ending			2005-2009 Average	Crop and Event	Week Ending			2005-2009 Average
	July 18, 2010	July 11, 2010	July 19, 2009			July 18, 2010	July 11, 2010	July 19, 2009	
Wheat -					Peanuts-				
Harvested	96	92	100	96	Pegging	81	60	63	81
Plowed	73	60	78	68	Setting Pods	40	18	5	42
Rye-					Cotton-				
Plowed	84	60	75	71	Squaring	78	74	66	65
Oats-					Setting Bolls				
Plowed	84	60	75	68	Alfalfa -				
Corn-					3rd Cutting				
Silking	95	82	65	75	Other Hay -				
Dough	36	15	32	38	1st Cutting	84	77	82	82
Sorghum-					2nd Cutting				
Headed	34	16	11	16	Watermelons -				
Soybeans-					Harvested				
Blooming	40	21	36	34		32	5	19	42

Weather for Week Ending July 18, 2010: Temperatures ranged from 62 degrees at Boise City on Tuesday, July 13th, to 105 degrees at Buffalo on Saturday, July 17th. Precipitation ranged from 0.03 in the South Central district to 0.88 inches in the Northeast district. Soil temperature averages ranged from 77 degrees at Acme on Monday, July 12th, to 95 degrees at Guthrie on Saturday, July 17th, and Burneyville and Pawnee on Sunday, July 18th.

Mesonet Temperature and Precipitation Data

Week Ending Sunday, July 18, 2010

District	Temperature			This Week	Precipitation		
	High	Low	Average		March 1, 2010 to July 18, 2010		
					Total	Departure From Normal	Percent of Normal
Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent	
Panhandle	97	68	83	0.33	10.77	-0.48	96
West Central	95	72	83	0.21	12.60	-2.40	84
Southwest	95	73	84	0.23	15.01	-0.32	98
North Central	96	73	84	0.57	17.59	1.56	110
Central	93	75	84	0.30	20.08	1.62	109
South Central	94	75	84	0.03	17.34	-1.69	91
Northeast	93	74	83	0.88	20.95	1.34	107
East Central	92	75	83	0.13	19.04	-1.86	91
Southeast	94	74	83	0.35	16.42	-5.69	74