



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

P.O. Box 528804 · Oklahoma City, OK 73152-8804

(405) 522-6190 · FAX (405) 528-2296 · www.nass.usda.gov/ok

A combined contribution with Cooperative Extension Service, USDA Farm Service Agency and Oklahoma Mesonet

Volume 33, Number 24

Issued July 26, 2010

Summer Heat Continues

Excessive heat warnings continued in Oklahoma for the week ending Sunday, July 25, 2010. The week brought hot and humid conditions until the weekend. The hot and windy conditions sapped moisture levels in the northern and western parts of the state. Southern Oklahoma received minimal rainfall last week, having little effect on pastures and livestock. Near the end of the week, parts of the state received some much needed rainfall and a flash flood warning was issued for the Panhandle on Sunday. Temperatures were slightly cooler due to the thunderstorms; however the heat index remained in the mid-90's to over 100 degrees with average temperatures in the mid-80's. Topsoil and subsoil conditions rated mostly in the adequate to short range, with topsoil rated 65 percent adequate and subsoil rated 73 percent adequate. There were 6.5 days suitable for field work.

Soil Moisture Conditions by Percent

Week Ending Sunday, July 25, 2010

Moisture Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	6	3	36	5	3	28
Short	28	14	43	22	14	47
Adequate	65	77	21	73	79	25
Surplus	1	6	0	0	4	0

Small Grains: **Wheat** ground was 82 percent plowed by week's end. Eighty-nine percent of **rye** was plowed by Sunday, 10 points ahead of the five-year average. **Oats** were 92 percent plowed, 15 points ahead of normal.

Row Crops: The lack of rain has affected row crops in some areas of the state; however good condition ratings continue to be reported overall. Sixty-four percent of **corn** has reached the dough stage, a 28 point jump from the previous week, and 16 points ahead of the five-year average. One quarter of the corn crop has dented, 19 points ahead of normal. **Sorghum** headed reached 56 percent complete, a 22 point increase from the week prior, and 35 points ahead of the five-year average. Sorghum coloring has reached 13 percent complete, eight points ahead of normal. Fifty-three percent of **soybeans** were bloomed by week's end, a 13 point increase from the week earlier, and five points ahead of the five-year average. Soybeans setting pods reached 10 percent, equal to the previous year but eight points behind normal. **Peanuts** pegging reached 85 percent complete by week's end, only two points behind normal and 47 percent of the plants were setting pods, only four points below the five-year average. **Cotton** squaring reached 86 percent complete, 12 points ahead of normal. Forty-nine percent of the cotton crop was setting bolls by week's end, 19 points ahead of the previous year and 28 points ahead of the five-year average.

Miscellaneous Crops: Forty-nine percent of **watermelons** were harvested by week's end, an increase of 17 points from the week prior, but three points behind normal.

Hay: Warm and dry weather has allowed producers to continue cutting hay. Both alfalfa and other hay conditions continue to be rated mostly in the good to fair range. The third cutting of **alfalfa** was 82 percent complete by week's end. The first cutting of **other hay** reached 90 percent complete and 21 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 12 percent rated excellent.

Livestock: Livestock conditions rated mostly in the good to fair range with 11 percent rated excellent. Prices for feeder steers less than 800 pounds averaged \$117 per cwt. Prices for heifers less than 800 pounds averaged \$109 per cwt.

Conditions by Percent

For Week Ending Sunday, July 25, 2010

Item	Very Poor	Poor	Fair	Good	Excellent
Row Crops -					
Corn	0	1	14	67	18
Sorghum	1	1	26	60	12
Soybeans	0	2	22	59	17
Peanuts	3	0	7	76	14
Cotton	0	1	8	66	25
Hay -					
Alfalfa Hay	1	3	34	54	8
Other Hay	1	6	27	58	8
Livestock, Pasture and Range -					
Livestock	0	3	23	63	11
Pasture and Range	1	6	25	56	12

Crop Progress by Percent

Crop and Event	Week Ending Sunday			2005-2009 Average	Crop and Event	Week Ending			2005-2009 Average
	July 25, 2010	July 18, 2010	July 26, 2009			July 25, 2010	July 18, 2010	July 26, 2009	
Wheat -					Peanuts-				
Plowed	82	73	87	76	Pegging	85	81	72	87
Rye-					Setting Pods	47	40	16	51
Plowed	89	84	77	79	Cotton-				
Oats-					Squaring	86	78	68	74
Plowed	92	84	85	77	Setting Bolls	49	30	15	21
Corn-					Alfalfa -				
Dough	64	36	43	48	3rd Cutting	82	66	71	74
Dent	25	N/A	8	6	Other Hay -				
Sorghum-					1st Cutting	90	84	87	86
Headed	56	34	18	21	2nd Cutting	21	9	17	16
Coloring	13	N/A	N/A	5	Watermelons -				
Soybeans-					Harvested	49	32	24	52
Blooming	53	40	49	48					
Setting Pods	10	N/A	10	18					

Weather for Week Ending July 25, 2010: Temperatures ranged from 62 degrees at Boise City on Friday, July 23rd, to 104 degrees at Buffalo on Monday, July 19th. Precipitation ranged from 0.03 in the Southwest and South Central districts to 0.68 inches in the Panhandle district. Soil temperature averages ranged from 74 degrees at Kenton on Sunday, July 25th, to 95 degrees at Guthrie, Hugo, and Ketchum Ranch on Monday, July 19th.

Mesonet Temperature and Precipitation Data

Week Ending Sunday, July 25, 2010

District	Temperature			This Week	Precipitation		
	High	Low	Average		March 1, 2010 to July 25, 2010		
					Total	Departure From Normal	Percent of Normal
Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent	
Panhandle	95	70	82	0.68	11.45	-0.36	97
West Central	95	73	83	0.63	13.22	-2.25	85
Southwest	96	74	85	0.03	15.04	-0.78	95
North Central	96	75	84	0.66	18.25	1.55	109
Central	94	74	83	0.37	20.48	1.44	108
South Central	94	75	84	0.03	17.36	-2.23	89
Northeast	92	75	83	0.30	21.32	1.00	105
East Central	93	75	83	0.07	19.15	-2.42	89
Southeast	95	74	84	0.12	16.52	-6.39	72