



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Weekly Summary for Jul 29 - Aug 4

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Row Crops Good to Fair

Row crop development continued after several beneficial rain events over the past few weeks. Most row crops made significant progress, but were behind the five-year average. Conditions were rated mostly good to fair for row crops. However, cotton continued to struggle with 25 percent rated in poor to very poor condition, as the southwestern part of the state is still behind normal precipitation for the growing season. Rain fell mainly across northern Oklahoma this past week, with the North Central district averaging just over two inches. The July 30th U.S. Drought Monitor showed significant improvements to drought conditions. Almost 38 percent of the state was rated in a moderate to exceptional drought, down from 51 percent the previous week. High temperatures returned by the end of the week, drying out soil moisture in the west, and providing muggy conditions in areas of heavy rain. Topsoil moisture conditions were rated mostly adequate. Subsoil moisture conditions were rated 51 percent adequate and 47 percent short to very short. There were 4.9 days suitable for fieldwork.

Soil Moisture Conditions by Percent

Week Ending Sunday, August 4, 2013

Moisture Rating	Current Week	Previous Week	One Year Ago
Topsoil			
Very Short	10	16	80
Short	19	20	18
Adequate	64	57	2
Surplus	7	7	0
Subsoil			
Very Short	24	28	73
Short	23	26	25
Adequate	51	45	2
Surplus	2	1	0

Row Crops: Condition ratings for corn, sorghum and soybeans were all rated mostly good, while peanuts were rated mostly good to fair and cotton was rated mostly fair. **Corn** silking was 90 percent complete by the end of the week, and 47 percent reached the dough stage, 33 points below the five-year average. A fifth of the crop had reached the dent stage, 22 points behind normal. **Sorghum** heading was 45 percent complete by Sunday, and ten percent was coloring, nine points behind normal. **Soybeans** blooming were 34 percent complete, 30 points behind the five-year average. **Peanuts** pegging was 91 percent complete by Sunday and 53 percent of plants were setting pods. **Cotton** squaring was 69 percent complete by the end of the week, and 32 percent of the crop was setting bolls.

The **watermelon** harvest was 59 percent complete, 9 points behind normal, and 23 points behind last year.

Hay: Conditions of alfalfa and other hay continued to show improvements and were rated mostly good to fair. Heavy rainfall in some areas limited hay cutting, but significant progress was made statewide. A third cutting of **alfalfa hay** was 60 percent complete by Sunday, 15 points behind normal. A first cutting of **other hay** was 96 percent complete, and a second cutting was 29 percent complete by Sunday.

Pasture and Livestock: Conditions of pasture and range continued to be rated mostly good to fair. Green pastures and full stock ponds were the result of recent rainfall, especially in eastern Oklahoma. Livestock was rated mostly good.

Conditions by Percent

For Week Ending Sunday, August 4, 2013

Commodity	Very Poor	Poor	Fair	Good	Excellent
Corn	0	2	17	65	16
Sorghum	0	6	29	52	13
Soybeans	0	1	39	51	9
Peanuts	0	3	32	47	18
Cotton	6	19	59	14	2
Alfalfa Hay	4	8	32	51	5
Other Hay	3	10	39	44	4
Livestock	0	3	26	60	11
Pasture and Range	6	8	37	43	6

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Crop Progress by Percent

For Week Ending Sunday, August 4, 2013

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Corn	Silking	90	80	97	96
	Dough	47	31	78	80
	Dent	20	N/A	55	42
Sorghum	Heading	45	42	57	48
	Coloring	10	6	30	19
Soybeans	Blooming	34	23	61	64
Peanuts	Pegging	91	87	95	92
	Setting Pods	53	49	52	48
Cotton	Squaring	69	67	82	80
	Setting Bolls	32	23	36	35
Alfalfa Hay	3rd Cutting	60	35	84	75
Other Hay	1st Cutting	96	93	100	93
	2nd Cutting	29	23	45	27
Watermelons	Harvested	59	41	82	68

Mesonet Temperature and Precipitation Data

Week Ending Sunday, August 4, 2013

Weather for Week Ending August 4, 2013:

Temperatures ranged from 62 degrees at Kenton on Monday, July 29th, to 107 degrees at Mangum on Friday, August 2nd. Precipitation ranged from 0.07 of an inch in the Southwest district to 2.06 inches in the North Central district. Soil temperature averages ranged from 74 degrees at Newkirk on Monday, July 29th, to 94 degrees at Durant on Sunday, August 4th.

District	Temperature			Precipitation			
	High	Low	Average	Current Week	March 1, 2013 to August 4, 2013		
					Total	Departure From Normal	Percent of Normal
	Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent
Panhandle	93	68	79	0.51	7.47	-5.16	59
West Central	96	72	83	0.89	11.60	-4.64	71
Southwest	98	74	86	0.07	13.99	-2.60	84
North Central	91	71	80	2.06	17.27	-0.40	98
Central	92	73	82	1.24	25.96	6.08	131
South Central	94	74	84	0.26	21.67	1.25	106
Northeast	88	71	79	1.34	23.93	2.59	112
East Central	90	73	81	0.42	24.45	1.93	109
Southeast	92	73	82	0.13	26.34	2.38	110