



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Weekly Summary for Aug 12 - Aug 18

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Conditions Continued to Improve

The state averaged 1.14 inches of rain over the past week. Every Mesonet station recorded some rainfall, though the generous totals were hit and miss. The August 13th Drought Monitor showed improvements from a wetter than normal summer. Almost half of the state has no drought intensity designation at all. Only 23 percent of the state was in severe to exceptional drought, down from 32 percent a week prior, and 100 percent of the state a year ago. Parts of the Panhandle and southwestern Oklahoma remain the hardest hit by the drought, but did receive relief this past week as 2.31 inches of rain was measured in Goodwell and almost two inches fell in Grandfield. Crop conditions for all row crops except for cotton were rated mostly in good condition, and cotton conditions improved significantly. Pastures continued to green-up and hay conditions improved slightly. Other hay cutting made very little progress due to wet conditions. Temperatures continued to be cooler than normal for August. Topsoil moisture conditions were mostly adequate, with 75 percent rated adequate or surplus and only 25 percent rated short to very short. Subsoil moisture conditions improved slightly and were rated 56 percent adequate and 43 percent short to very short. There were 4.2 days suitable for fieldwork due to wet conditions.

Soil Moisture Conditions by Percent			
<i>Week Ending Sunday, August 18, 2013</i>			
Moisture Rating	Current Week	Previous Week	One Year Ago
Topsoil			
Very Short	5	8	77
Short	20	17	20
Adequate	65	63	3
Surplus	10	12	0
Subsoil			
Very Short	14	19	77
Short	29	25	21
Adequate	56	53	2
Surplus	1	3	0

Row Crops: Row crops benefitted from recent rainfall and made significant progress over the past week. **Corn** in the dough stage was 82 percent complete by the end of the week, and 48 percent was in the dent stage. Twenty-one percent of the crop was mature by Sunday, 16 points behind normal. **Sorghum** heading was 69 percent complete by week's end, and 26 percent was coloring. **Soybean** blooming was 62 percent complete by Sunday, and 31 percent of plants were setting pods, 18 points behind the five-year average. **Peanuts** pegging was 96 percent complete by the end of the week and 69 percent of plants were setting pods. **Cotton** squaring was 95 percent complete by the end of the week, and 72 percent of the crop was setting bolls. A small portion of cotton had bolls opening by Sunday.

The **watermelon** harvest was 81 percent complete by the end of the week.

Hay: Cutting of alfalfa hay showed significant progress while other hay did not, due to delays from wet conditions. Conditions improved slightly and were rated mostly good to fair. A third cutting of **alfalfa hay** was 83 percent complete by Sunday. A fourth cutting of alfalfa was 16 percent complete by the end of the week, 19 points behind the five-year average. A second cutting of **other hay** was 48 percent complete by Sunday, 11 points ahead of normal.

Pasture and Livestock: Conditions of pasture and range were rated mostly good to fair. Livestock was rated mostly in good condition.

Conditions by Percent					
<i>For Week Ending Sunday, August 18, 2013</i>					
Commodity	Very Poor	Poor	Fair	Good	Excellent
Corn	0	2	15	65	18
Sorghum	1	4	20	56	19
Soybeans	0	1	30	57	12
Peanuts	0	2	30	53	15
Cotton	12	16	26	43	3
Alfalfa Hay	4	8	27	52	9
Other Hay	4	7	33	49	7
Livestock	0	3	23	62	12
Pasture and Range	5	6	30	49	10

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Crop Progress by Percent

For Week Ending Sunday, August 18, 2013

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Corn	Dough	82	62	96	93
	Dent	48	36	78	63
	Mature	21	14	56	37
Sorghum	Heading	69	61	73	63
	Coloring	26	17	39	30
Soybeans	Blooming	62	51	78	80
	Setting Pods	31	9	44	49
Peanuts	Pegging	96	94	100	98
	Setting Pods	69	66	78	71
Cotton	Squaring	95	87	96	96
	Setting Bolls	72	43	64	71
Alfalfa Hay	3rd Cutting	83	71	89	81
	4th Cutting	16	8	22	35
Other Hay	2nd Cutting	48	47	53	37
Watermelons	Harvested	81	74	84	85

Weather for Week Ending August 18, 2013:

Temperatures ranged from 54 degrees at Cookson, Jay and Mt. Herman on Saturday, August 17th, to 100 degrees at Grandfield and Madill on Monday, August 12th. Precipitation ranged from 0.65 of an inch in the South Central district to 1.97 inches in the East Central district. Soil temperature averages ranged from 74 degrees at Kenton on Monday, August 12th, at May Ranch on Wednesday August 14th, at Sallisaw on Friday, August 16th, and at Jay on Saturday, August 17th, to 94 degrees at Durant on Monday, August 12th.

Mesonet Temperature and Precipitation Data

Week Ending Sunday, August 18, 2013

District	Temperature			Precipitation			
	High	Low	Average	Current Week	March 1, 2013 to August 18, 2013		
					Total	Departure From Normal	Percent of Normal
	Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent
Panhandle	86	63	73	0.83	11.09	-2.67	81
West Central	86	66	74	0.72	14.49	-2.98	83
Southwest	88	67	77	0.87	15.83	-1.97	89
North Central	83	64	73	1.04	20.90	1.85	110
Central	83	66	74	1.89	29.62	8.56	141
South Central	87	67	76	0.65	22.70	1.13	105
Northeast	81	63	72	1.47	27.56	4.78	121
East Central	82	64	72	1.97	28.10	4.28	118
Southeast	85	64	73	0.81	27.94	2.76	111