



# Oklahoma Crop Weather

Oklahoma Field Office

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Weekly Summary for Jul 8 - Jul 14

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## Sunday Storms Brought Rain

Most of the week had normal July weather, with temperatures as high as 107 degrees and very little rainfall. However, storms with an unusual trajectory brought rain from the east on Sunday and drastically cooled down temperatures. The rainfall totals for the week were the highest in the central third of the state, with a recorded high of 3.28 inches at Ketchum Ranch in Stephens County. Temperatures for the week averaged in the mid-80s, while Sunday's highs only reached the mid-80s for most of the state. The US Drought Monitor for July 9th showed an increase in the portion of the state experiencing drought conditions. Just over half of the state, at 51 percent, was in a severe to exceptional drought, compared to 42 percent the week before. Western Oklahoma is still the hardest hit by the drought and remains significantly behind normal precipitation totals for the period since March 1st. A later than normal harvest was almost complete by the end of the week, while most row crops were behind normal progress. Topsoil moisture conditions rated adequate increased to include 42 percent of the state. Subsoil moisture conditions were rated 36 percent adequate and 64 percent short to very short. There were 6.5 days suitable for fieldwork.

### Soil Moisture Conditions by Percent

Week Ending Sunday, July 14, 2013

Moisture Rating	Current Week	Previous Week	One Year Ago
<b>Topsoil</b>			
Very Short	27	20	46
Short	30	44	45
Adequate	42	36	9
Surplus	1	0	0
<b>Subsoil</b>			
Very Short	31	25	45
Short	33	38	44
Adequate	36	37	11
Surplus	0	0	0

**Small Grains:** Harvest was virtually complete for all small grains by the end of the week. **Wheat** harvest was 99 percent complete by Sunday, and **rye** harvested was 100 percent complete by week's end. Ninety-eight percent of **oats** were harvested by Sunday.

**Row Crops:** Most row crop development stages were behind normal progress as of Sunday. **Corn** silking was 42 percent complete by the end of the week, and seven percent had reached the dough state, 22 points below the five-year average. **Sorghum** emerged was 94 percent complete by Sunday. Thirteen percent of sorghum was heading by the end of the week, seven points behind normal. **Soybean** planting was virtually complete, and 89 percent had emerged by the end of the week. **Peanuts** pegging was 60 percent complete by Sunday. **Cotton** emerged was 98 percent complete by Sunday. Cotton squaring was 23 percent complete by the end of the week, 30 points behind the five-year average, and a small portion was setting bolls.

Virtually all **watermelons** were setting fruit by week's end. Six percent of the crop was harvested, 18 points behind the five-year average.

**Hay:** Conditions of alfalfa and other hay were rated mostly good to fair. Hay harvesting continued to progress as most of the week was hot and dry. A second cutting of **alfalfa hay** was 88 percent complete by the end of the week, and a third cutting was 16 percent complete by Sunday, 31 points behind normal. A first cutting of **other hay** was 87 percent complete, and a second cutting was 11 percent complete by Sunday.

**Pasture and Livestock:** Conditions of pasture and range were rated mostly good to fair. Livestock was rated mostly in good condition, with 32 percent rated in fair condition.

### Conditions by Percent

For Week Ending Sunday, July 14, 2013

Commodity	Very Poor	Poor	Fair	Good	Excellent
Corn	0	3	27	57	13
Sorghum	0	6	37	45	12
Soybeans	0	1	47	48	4
Peanuts	0	3	32	52	13
Cotton	8	37	33	20	2
Alfalfa Hay	7	12	33	43	5
Other Hay	4	10	45	37	4
Livestock	1	4	32	54	9
Pasture and Range	10	13	44	30	3

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### Crop Progress by Percent

For Week Ending Sunday, July 14, 2013

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Wheat	Harvested	99	94	100	99
Rye	Harvested	100	93	100	99
Oats	Harvested	98	90	100	98
Corn	Silking	42	32	74	74
	Dough	7	N/A	38	29
Sorghum	Emerged	94	80	97	86
	Heading	13	5	30	20
Soybeans	Planted	99	92	100	98
	Emerged	89	73	100	96
Peanuts	Pegging	60	55	58	65
Cotton	Emerged	98	92	100	95
	Squaring	23	21	50	53
Alfalfa Hay	2nd Cutting	88	76	97	94
	3rd Cutting	16	7	67	47
Other Hay	1st Cutting	87	83	95	82
	2nd Cutting	11	6	21	9
Watermelons	Setting Fruit	98	90	100	93
	Harvested	6	N/A	33	24

### Mesonet Temperature and Precipitation Data

Week Ending Sunday, July 14, 2013

#### Weather for Week Ending July 14, 2013:

Temperatures ranged from 60 degrees at Wister on Saturday, July 13th and at Boise City on Sunday, July 14th, to 107 degrees at Buffalo and at Freedom on Tuesday, July 9th and at Grandfield on Thursday, July 11th. Precipitation ranged from 0.20 of an inch in the Northeast district to 1.37 inches in the Central district. Soil temperature averages ranged from 77 degrees at Apache and Washington on Sunday, July 14th, to 97 degrees at Durant on Thursday, July 11th.

District	Temperature			Precipitation			
	High	Low	Average	Current Week	March 1, 2013 to July 14, 2013		
					Total	Departure From Normal	Percent of Normal
	Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent
Panhandle	98	70	84	0.51	5.42	-5.50	50
West Central	99	72	85	0.89	8.31	-6.41	56
Southwest	99	73	86	0.75	10.02	-5.03	67
North Central	98	73	85	1.09	12.33	-3.32	79
Central	96	72	83	1.37	20.66	2.53	114
South Central	96	72	84	0.93	17.77	-0.93	95
Northeast	95	72	83	0.20	17.13	-2.06	89
East Central	95	72	83	0.37	20.09	-0.43	98
Southeast	94	69	81	0.55	21.26	-0.39	98