



# Oklahoma Crop Weather

## Oklahoma Field Office

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

Volume 37, Number 28

Weekly Summary for Aug 26 - Sep 1

Issued September 2, 2014

## Warm Weather Continued; Moisture Needed for Crop Progress

Spotty rains were received last week. Areas of the Panhandle received on average 1.13 inches of rain. However, some areas of the Panhandle received over an inch of precipitation, while others received no rain at all. Soybeans were blooming in the Southwest District while soybeans in the Northeast District were starting to wilt from the lack of moisture. A storm moved south through the state late Monday night into early Tuesday morning bringing high winds, large hail, flooding rains and tornado warnings to parts of Northeastern Oklahoma. Rain totals were nice but the effects of the storm have yet to be determined. Temperatures for the week ranged from 53 degrees at Boise City on Friday, August 29<sup>th</sup> to 105 degrees at Hooker on Sunday, August 31<sup>st</sup>. Precipitation ranged 0.18 of an inch in the Southeast District to 1.13 inches in the Panhandle District. Topsoil and subsoil moisture conditions were rated mostly adequate to short. There were 5.9 days suitable for field work.

<b>Soil Moisture Conditions by Percent</b>			
<i>Week Ending Sunday, September 1, 2014</i>			
Moisture Rating	Current Week	Previous Week	One Year Ago
<b>Topsoil</b>			
Very Short	17	12	16
Short	39	41	42
Adequate	42	45	42
Surplus	2	2	0
<b>Subsoil</b>			
Very Short	28	25	23
Short	41	42	33
Adequate	31	33	44
Surplus	0	0	0

**Small Grains:** Seedbed preparation was underway for all small grains, ahead of last year. Forty percent of **wheat** seedbed preparation was complete as of Sunday, well ahead of normal and this time last year. Forty-one percent of **rye** seedbed preparation was complete. Twenty-seven percent of **oat** seedbed preparation was complete.

**Canola** seedbed preparation was 40 percent complete by week's end, well ahead of normal.

**Row Crops:** **Corn** condition was rated 76 percent good to fair. Ninety-six percent of corn had reached the dough stage, just one point behind the previous year and 2 points behind the five-year average. Corn dented reached 81 percent complete compared to 76 percent the previous year. **Sorghum** condition was rated 77 percent good to fair. Sorghum headed reached 86 percent complete, 64 percent was coloring and 17 percent was mature by the end of the week. **Soybean** condition was rated 86 percent good to fair. Soybeans blooming reached 95 percent complete by week's end, four points ahead of normal. Soybeans setting pods reached 79 percent complete 17 points ahead the previous year. **Peanut** condition was rated 94 percent good to fair. Peanuts mature reached 18 percent complete by Sunday. **Cotton** condition was rated 90 percent good to fair. Ninety-one percent of cotton was setting bolls and 25 percent of bolls were opening.

**Hay:** Conditions of alfalfa hay and other hay continued to be rated mostly good to fair. Some alfalfa fields in the Northeast District were showing signs of stress. A third cutting of **alfalfa hay** reached 91 percent complete, while a fourth cutting was 40 percent complete. A second cutting of **other hay** was 58 percent complete.

**Watermelons** harvested reached 90 percent complete.

**Pasture and Livestock:** Conditions of pasture and range continued to be rated mostly good to fair. Grass conditions were deteriorating in the Northeast District and ponds were beginning to suffer. Livestock was rated 60 percent in good condition with 27 percent rated as fair. Livestock markets continued to hold strong.

<b>Conditions by Percent</b>					
<i>For Week Ending Sunday, September 1, 2014</i>					
Commodity	Very Poor	Poor	Fair	Good	Excellent
Corn	4	10	19	57	10
Sorghum	3	9	21	56	11
Peanuts	0	0	40	54	6
Cotton	1	6	36	54	3
Soybeans	0	2	15	71	12
Alfalfa Hay	8	15	36	36	5
Other Hay	8	15	40	33	4
Livestock	1	3	27	60	9
Pasture and Range	6	14	36	38	6

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### Crop Progress by Percent

For Week Ending Sunday, September 1, 2014

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
<b>Wheat</b>	Seedbed Prepared	40	27	N/A	N/A
<b>Canola</b>	Seedbed Prepared	40	8	N/A	N/A
<b>Rye</b>	Seedbed Prepared	41	N/A	N/A	N/A
<b>Oats</b>	Seedbed Prepared	27	N/A	N/A	N/A
<b>Corn</b>	Dough	96	79	97	98
	Dent	81	53	76	85
	Mature	7	N/A	43	53
<b>Sorghum</b>	Headed	86	79	93	83
	Coloring	64	56	55	48
	Mature	17	9	7	14
<b>Soybeans</b>	Blooming	95	90	86	91
	Setting Pods	79	61	62	70
<b>Peanuts</b>	Mature	18	11	20	10
<b>Cotton</b>	Setting Bolls	91	89	92	90
	Bolls Opening	25	10	27	18
<b>Alfalfa Hay</b>	3 <sup>rd</sup> Cutting	91	88	95	84
	4 <sup>th</sup> Cutting	40	28	38	44
<b>Other Hay</b>	2 <sup>nd</sup> Cutting	58	52	65	50
<b>Watermelons</b>	Harvested	90	80	87	91

**Weather for Week Ending September 1, 2014:** Temperatures ranged from 53 degrees at Boise City on Friday, August 29th to 105 degrees at Hooker on Sunday, August 31st. Precipitation ranged from 0.18 of an inch in the Southeast District to 1.13 inches in the Panhandle District. Soil temperature averages ranged from 74 degrees at Boise City on Wednesday, August 27th to 94 degrees at Chickasha on Tuesday, August 26th.

### Mesonet Temperature and Precipitation Data

Week Ending Sunday, September 1, 2014

District	Temperature			Precipitation			
	High	Low	Average	Current Week	March 1, 2014 to September 1, 2014		
					Total	Departure From Normal	Percent of Normal
	Degrees	Degrees	Degrees	Inches	Inches	Inches	Percent
Panhandle	91	63	76	1.13	12.10	-2.23	84
West Central	96	69	82	0.20	13.10	-4.98	72
Southwest	95	70	82	1.02	15.72	-2.79	85
North Central	94	68	80	0.80	17.83	-2.66	87
Central	95	70	82	0.26	18.34	-4.24	81
South Central	94	70	81	0.39	19.65	-3.18	86
Northeast	93	69	81	0.65	19.98	-5.31	79
East Central	92	71	81	0.27	21.37	-3.79	85
Southeast	91	70	80	0.18	27.35	0.97	104