



Oklahoma Crop Weather

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Weekly Summary for Aug 11 - Aug 17

Issued August 18, 2014

Hot & Dry

Seven of the eight Mesonet districts received some rainfall last week; however totals were very minimal. Since March 1st, the state has received 88 percent of its normal precipitation. Additional moisture is needed to aid in row crop progression, for runoff the fill ponds and lakes, and to alleviate drought conditions statewide. Row crops continued to make progress and conditions continued to be rated mostly good to fair for most row crops, except soybeans which were rated mostly excellent to good. The hot, dry weather has negatively affected cotton and soybeans in the Southwest District. Hay harvest continued statewide and the amounts of moisture received this season have contributed greatly to the yield and quality of hay. Temperatures ranged from 53 degrees at Miami on Wednesday, August 13th to 103 degrees at Tipton on Friday, August 15th. Precipitation ranged from 0.00 inches in the Southwest District to 0.36 of an inch in the South Central District. Topsoil and subsoil moisture conditions were rated mostly adequate to short. There were 6.6 days suitable for field work.

Soil Moisture Conditions by Percent			
<i>Week Ending Sunday, August 17, 2014</i>			
Moisture Rating	Current Week	Previous Week	One Year Ago
Topsoil			
Very Short	9	11	5
Short	38	26	20
Adequate	50	60	65
Surplus	3	3	10
Subsoil			
Very Short	22	21	15
Short	41	39	28
Adequate	37	40	56
Surplus	0	0	1

Row Crops: **Corn** condition was rated 74 percent good to fair. Corn silking reached 97 percent complete by Sunday, just 1 points behind last year and 3 points behind the five-year average. Seventy-eight percent of corn had reached the dough stage, also 1 point behind the previous year and 13 points behind the five-year average. Corn dented reached 40 percent complete compared to 46 percent the previous year. **Sorghum** condition was rated 78 percent good to fair. Sorghum headed reached 65 percent complete and 41 percent was coloring by the end of the week. **Soybean** condition was rated 85 percent excellent to good. Soybeans blooming reached 81 percent complete by week's end, 21 points ahead of last year and 4 points ahead of normal. Soybeans setting pods reached 10 percent complete, 18 points behind the previous year. **Peanut** condition was rated 90 percent good to fair. Peanuts pegging reached 94 percent complete by Sunday, up 1 point from the previous week, on track with the previous year and the five-year average. **Cotton** condition was rated 91 percent good to fair. Eighty-eight percent of cotton was setting bolls, 20 points ahead of last year and 22 points ahead of the five-year average.

Hay: Conditions of alfalfa hay and other hay continued to be rated mostly good to fair. A third cutting of **alfalfa hay** reached 82 percent complete, while a fourth cutting was 23 percent complete. A first cutting of **other hay** was 94 percent complete, while a second cutting was 47 percent complete,

Watermelons harvested reached 55 percent complete, 28 points behind normal.

Pasture and Livestock: Conditions of pasture and range continued to be rated mostly good to fair. Livestock was rated 60 percent in good condition, with 25 percent rated as fair. Livestock markets continued to hold strong.

Conditions by Percent					
<i>For Week Ending Sunday, August 17, 2014</i>					
Commodity	Very Poor	Poor	Fair	Good	Excellent
Corn	4	10	18	56	12
Sorghum	3	5	21	57	14
Peanuts	0	0	36	54	10
Cotton	1	5	34	57	3
Soybeans	0	2	13	70	15
Alfalfa Hay	7	12	34	41	6
Other Hay	7	13	38	37	5
Livestock	1	3	25	60	11
Pasture and Range	5	11	32	45	7

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Crop Progress by Percent

For Week Ending Sunday, August 17, 2014

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Corn	Silking	97	92	98	100
	Dough	78	67	79	91
	Dent	40	8	46	64
Sorghum	Headed	65	59	68	67
	Coloring	41	28	25	29
Soybeans	Blooming	81	57	60	77
	Setting Pods	10	N/A	28	44
Peanuts	Pegging	94	93	96	97
Cotton	Setting Bolls	88	75	68	66
Alfalfa Hay	3 rd Cutting	82	68	81	77
	4 th Cutting	23	N/A	15	27
Other Hay	1 st Cutting	94	91	100	100
	2 nd Cutting	47	40	48	40
Watermelons	Harvested	55	50	80	83

Weather for Week Ending August 17, 2014: Temperatures ranged from 53 degrees at Miami on Wednesday, August 13th to 103 degrees at Tipton on Friday, August 15th. Precipitation ranged from 0.00 inches in the Southwest District to 0.36 of an inch in the South Central District. Soil temperature averages ranged from 75 degrees at Jay on Wednesday, August 13th to 91 degrees at Burneyville on Friday, August 15th.

Mesonet Temperature and Precipitation Data

Week Ending Sunday, August 17, 2014

District	Temperature			Precipitation			
	High	Low	Average	Current Week	March 1, 2014 to August 17, 2014		
					Total	Departure From Normal	Percent of Normal
<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Percent</i>	
Panhandle	94	65	79	0.16	10.88	-2.19	83
West Central	96	67	81	0.02	12.90	-3.75	77
Southwest	97	68	82	0.00	14.62	-2.48	86
North Central	93	66	79	0.11	16.61	-2.38	87
Central	92	67	79	0.01	17.78	-3.28	84
South Central	90	68	79	0.36	19.21	-2.23	90
Northeast	88	64	76	0.12	19.27	-4.41	81
East Central	88	66	77	0.03	21.01	-2.66	89
Southeast	88	65	76	0.18	27.07	2.05	108