



Oklahoma Crop Weather

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Weekly Summary for Jul 14 - Jul 20

Issued July 21, 2014

Heavy Rain Totals Beneficial for Row Crops

Heavy rain totals received over the past week have benefitted most row crops, but progress continued to lag behind the five-year average for the various stages of development. A westward moving storm produced good rains beneficial to Central and Southeastern Oklahoma with a statewide total averaging 1.41 inches. To date, Oklahoma has received 84 percent of its normal precipitation since March 1st. Areas of the Panhandle saw spotty rains over the past week accompanied by cooler than normal temperatures. According to the Oklahoma Mesonet Summary, the low on Friday, July 18th in Goodwell was recorded at 56 degrees. The cooler temperatures brought a bit of relief to row crops. Cotton in Southwest Oklahoma was reported somewhat behind due to the unseasonably cool temperatures this past week, but growth and development are progressing nicely with the recent moisture. Temperatures ranged from 51 degrees at Jay on Wednesday, July 16th to 101 degrees at Hooker on Sunday, July 20th. Topsoil and subsoil moisture conditions continued to be rated mostly adequate to short. There were only 4.3 days suitable for fieldwork.

Soil Moisture Conditions by Percent			
Week Ending Sunday, July 20, 2014			
Moisture Rating	Current Week	Previous Week	One Year Ago
Topsoil			
Very Short	11	12	20
Short	30	38	33
Adequate	57	48	47
Surplus	2	2	0
Subsoil			
Very Short	24	27	29
Short	39	40	35
Adequate	37	33	36
Surplus	0	0	0

Small Grains: Harvest was virtually complete for all small grains. Seedbed preparations are underway for the upcoming fall crop.

Row Crops: All row crop conditions continued to be rated mostly good to fair. **Corn** silking reached 66 percent complete by Sunday and 29 percent had reached the dough stage. **Sorghum** emerged reached 98 percent complete with 32 percent headed by the end of the week. **Soybeans** planted reached 96 percent complete by week's end while 95 percent of the crop was emerged.

Peanuts pegging reached 59 percent complete by Sunday. **Cotton** squaring reached 78 percent complete, while 51 percent of the crop was setting bolls.

Hay: Conditions of alfalfa hay and other hay continued to be rated mostly good to fair. A second cutting of **alfalfa hay** reached 84 percent complete, while a third cutting was 27 percent complete. A first cutting of **other hay** was 81 percent complete, while a second cutting was 27 percent complete, 11 points ahead of normal.

Watermelons harvested reached 21 percent complete, 13 points behind normal.

Pasture and Livestock: Conditions of pasture and range were rated mostly good to fair. Ponds in some areas of Northeast Oklahoma were full while others still needed more runoff. Hay harvest was delayed slightly in Central Oklahoma due to the added moisture, but the rainfall was welcomed. Grasshoppers continued to be an issue in the Panhandle and Southeast Oklahoma. Pasture improved with the help of the added moisture. Livestock was rated mostly in good condition, with 28 percent rated in fair condition. Livestock markets continued to hold strong.

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Crop Progress by Percent
For Week Ending Sunday, July 20, 2014

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Corn	Silking	66	56	65	82
	Dough	29	17	16	42
Sorghum	Emerged	98	91	97	94
	Headed	32	25	17	30
Soybeans	Planted	96	89	99	100
	Emerged	95	82	95	98
Peanuts	Pegging	59	58	73	75
Cotton	Squaring	78	63	37	56
	Setting Bolls	51	27	7	14
Alfalfa Hay	2 nd Cutting	84	80	92	95
	3 rd Cutting	27	12	22	47
Other Hay	1 st Cutting	81	77	90	88
	2 nd Cutting	27	21	17	16
Watermelons	Harvested	21	13	15	34

Weather for Week Ending July 20, 2014: Temperatures ranged from 51 degrees at Jay on Wednesday, July 16th to 101 degrees at Hooker on Sunday, July 20th. Precipitation ranged from 0.69 of an inch in the Northeast District to 2.05 inches in the Southeast District. Soil temperature averages ranged from 67 degrees at May Ranch on Thursday, July 17th to 91 degrees at Burneyville on Monday, July 14th, 2014.

Mesonet Temperature and Precipitation Data
Week Ending Sunday, July 20, 2014

District	Temperature			Precipitation			
	High	Low	Average	Current Week	March 1, 2014 to July 20, 2014		
					Total	Departure From Normal	Percent of Normal
	Degree s	Degree s	Degree s	Inches	Inches	Inches	Percent
Panhandle	83	62	71	0.83	8.37	-2.21	79
West Central	80	62	70	0.98	10.84	-3.40	76
Southwest	82	64	72	1.85	12.95	-2.00	87
North Central	78	61	69	1.66	13.73	-2.56	84
Central	79	62	70	1.95	15.12	-3.31	82
South Central	80	64	72	1.72	16.14	-3.10	84
Northeast	79	59	69	0.69	15.49	-5.27	75
East Central	78	60	69	0.91	17.59	-3.25	84
Southeast	79	62	70	2.05	22.58	0.30	101