



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

P.O. Box 528804 · Oklahoma City, OK 73152-8804

(405) 522-6190 · FAX (405) 528-2296 · www.nass.usda.gov/ok

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Weekly Summary for Jun 24-Jun 30

Issued July 1, 2013

Hot and Windy

Summer heat was experienced most of the week, with a high of 111 at Freedom on Thursday and heat indexes reaching over 100 degrees across the state. Severe wind gusts on Thursday were measured as high as 72 mph by Mesonet, with sustained winds of over 40 mph across northern Oklahoma. Thursday's wind storm brought rainfall to only isolated locations in the Panhandle and North Central districts. Hot and dry conditions allowed for significant progress in the wheat harvest, and the canola harvest was almost complete by the end of the week. Row crop condition ratings declined slightly as the wind further depleted soil moisture and also negatively affected pasture and grassland. Concerns about grasshoppers continued to be reported. Cooler temperatures arrived on Sunday to end the week. Topsoil moisture conditions declined from the previous week without significant additional moisture, with almost half of the state rated as adequate. Subsoil moisture conditions were rated 43 percent adequate and 57 percent short to very short. There were 6.7 days suitable for fieldwork.

Soil Moisture Conditions by Percent

Week Ending Sunday, June 30, 2013

Moisture Rating	Current Week	Previous Week	One Year Ago
Topsoil			
Very Short	16	15	25
Short	33	21	52
Adequate	49	61	23
Surplus	2	3	0
Subsoil			
Very Short	28	27	30
Short	29	26	46
Adequate	43	46	24
Surplus	0	1	0

Small Grains: Harvest of all small grains made substantial progress. **Wheat** harvest was 84 percent complete by Sunday, 10 points behind the five-year average. **Rye** harvested was 78 percent complete by week's end, 12 points behind normal. Virtually all **oats** were in the soft dough stage by the end of the week and 73 percent of oats were harvested by Sunday, 16 points behind the five-year average.

Virtually all **canola** was harvested by the end of the week.

Row Crops: Corn and peanuts were rated mostly in good condition, while sorghum and cotton were rated mostly good to fair. **Corn** silking was 23 percent complete by the end of the week, 25 points below the five-year average. **Sorghum** planting was 90 percent complete by Sunday and 70 percent had emerged. **Soybean** seedbed preparation was 97 percent complete, and 78 percent had been planted. Soybeans emerged was 59 percent complete by the end of the week, 21 points below normal. **Peanuts** pegging was 33 percent complete by Sunday. **Cotton** planting was 96 percent complete and 70 percent had emerged by Sunday. Cotton squaring was 15 percent complete by week's end.

Watermelons running vines was 93 percent complete. Fifty-eight percent of the crop was setting fruit, eight points behind normal.

Hay: Conditions of alfalfa and other hay were rated mostly good to fair. Sunny and dry conditions allowed for significant progress in cutting of alfalfa and other hay. A second cutting of **alfalfa hay** was 62 percent complete by the end of the week. A first cutting of **other hay** was 75 percent complete, and a small portion of a second cutting was 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 29 percent rated in fair condition.

Conditions by Percent

For Week Ending Sunday, June 30, 2013

Commodity	Very Poor	Poor	Fair	Good	Excellent
Corn	0	1	20	65	14
Sorghum	0	5	45	42	8
Peanuts	0	0	30	61	9
Cotton	3	21	44	31	1
Alfalfa Hay	7	10	29	49	5
Other Hay	7	9	35	45	4
Livestock	1	3	29	58	9
Pasture and Range	10	10	31	44	5

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Crop Progress by Percent

For Week Ending Sunday, June 30, 2013

Crop	Stage	Current Week	Previous Week	One Year Ago	Five Year Average
Wheat	Harvested	84	55	100	94
Rye	Harvested	78	49	100	90
Oats	Soft Dough	99	94	100	99
	Harvested	73	47	99	89
Canola	Harvested	97	75	100	N/A
Corn	Silking	23	11	58	48
Sorghum	Planted	90	78	96	87
	Emerged	70	50	84	70
Soybeans	Seedbed Prepared	97	91	100	98
	Planted	78	65	97	89
	Emerged	59	42	92	80
Peanuts	Pegging	33	18	21	31
Cotton	Planted	96	71	98	99
	Emerged	70	58	96	91
	Squaring	15	N/A	21	22
Alfalfa Hay	2nd Cutting	62	38	92	85
Other Hay	1st Cutting	75	64	88	72
Watermelons	Running	93	88	100	95
	Setting Fruit	58	29	73	66

Weather for Week Ending June 30, 2013:

Temperatures ranged from 57 degrees at Breckenridge and at Oilton on Sunday, June 30th, to 111 degrees at Freedom on Thursday, June 27th. Precipitation ranged from less than a hundredth of an inch in the East Central, Northeast, South Central and Southeast districts to 0.37 of an inch in the North Central district. Soil temperature averages ranged from 76 degrees at Sallisaw on Sunday, June 30th, to 96 degrees at Durant on Friday, June 28th.

Mesonet Temperature and Precipitation Data

Week Ending Sunday, June 30, 2013

District	Temperature			Precipitation			
	High	Low	Average	Current Week	March 1, 2013 to June 30, 2013		
					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	98	68	83	0.23	4.87	-4.91	50
West Central	98	71	85	0.07	7.38	-6.38	54
Southwest	99	73	86	0.01	9.25	-4.81	66
North Central	96	70	83	0.37	11.19	-3.11	78
Central	92	71	82	0.02	19.29	2.32	114
South Central	92	72	82	0.00	16.80	-0.75	96
Northeast	90	70	81	0.00	16.92	-0.85	95
East Central	91	71	81	0.00	19.70	0.53	103
Southeast	91	70	81	0.00	20.69	0.66	103