

Oklahoma Crop Weather



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Oklahoma Field Office

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Lack of Rain and High Temperatures Adversely Affecting Soil Moisture

Three of the nine districts in the State did not receive any rain last week. The extremely hot weather coupled with little to no rain adversely affected soil moisture by week's end. Sixty-four percent of topsoil moisture was in the short to very short categories compared to 39 percent in the same two categories the week before. Subsoil moisture was not affected as great as topsoil, but still showed an 8 point decrease in moisture rated as adequate. There were 6.7 days suitable for field work.

TOPSOIL MOISTURE BY PERCENT

	Very Short	Short	Adequate	Surplus
This Week	15	49	36	0
Last Week	5	24	61	0
Last Year	4	30	64	2

SUBSOIL MOISTURE BY PERCENT

	Very Short	Short	Adequate	Surplus
This Week	11	36	53	0
Last Week	9	30	61	0
Last Year	4	22	73	1

Small Grains: Small grain harvest has completed. Wheat, oats and rye were 87, 90, and 96 percent plowed, respectively. Due to the extremely high cost of fuel, many producers indicated that they plan to practice no-tillage or minimum tillage for small grain seedbed preparation this fall.

Row Crops: Many dryland crops were beginning to show signs of heat stress due to the high temperatures and lack of moisture. As of this report, row crops were still in mostly good condition. Forty percent of corn was in the dough stage. Corn maturity gained an additional 4 points to 11 percent mature. Sorghum heading and coloring increased slightly to 26 and 6 percent, respectively. Soybeans blooming reached 51 percent while 23 percent were setting pods. Peanuts pegging increased 4 points from the previous week to 94 percent complete which was 9 points ahead of normal. In addition, peanut setting pods was 11 points ahead of normal at 60 percent. Cotton progressed to 83 percent squaring and 11 percent setting bolls. Crop and insect activities were light to moderate.

ROW CROPS CONDITION BY PERCENT

Week Ending July 24, 2005

	Very Poor	Poor	Fair	Good	Excellent
Corn	1	6	18	29	46
Soybeans	0	3	39	51	7
Peanuts	0	0	30	58	12
Cotton	0	3	31	65	1
Sorghum	0	3	21	45	31

Hay: Both alfalfa and other hay remained in fair to good condition. The third cutting of alfalfa advanced to 85 percent complete, 10 points higher than the five-year average. Other hay first cutting was nearly complete with 91 percent cut while the second cutting gained three percentage points to 23 percent cut.

HAY CONDITION BY PERCENT

Week Ending July 24, 2005

	Very Poor	Poor	Fair	Good	Excellent
Alfalfa	1	6	40	45	8
Other Hay	1	14	44	37	4

Miscellaneous Commodities: Fifty-one percent of the watermelon crop has been harvested. Watermelon conditions were mostly fair to good.

Pasture and Range: Pasture conditions dipped slightly over the week, but still remain in mostly good to fair condition. Hot weather has dried out some areas.

Livestock: Livestock continued to be in mostly good condition. Livestock marketings were rated as average. Death loss of cattle was mostly light to average. Livestock insect activity was light to moderate.

LIVESTOCK CONDITION BY PERCENT

Week Ending July 24, 2005

	Very Poor	Poor	Fair	Good	Excellent
Livestock	0	3	23	62	12
Pasture & Range	3	12	41	41	3

OKLAHOMA CROP PROGRESS

Week Ending July 24, 2005

Item	This Week	Last Week	Last Year	5 - Yr Avg.	Item	This Week	Last Week	Last Year	5 - Yr Avg.
Wheat - Plowed	87	84	84	88	Peanuts - Pegging	94	90	80	85
Oats - Plowed	90	87	86	86	Setting Pods	60	58	51	49
Rye - Plowed	96	94	88	N/A	Cotton - Squaring	83	75	82	85
Corn - Silking	91	75	82	82	Setting Bolls	11	7	33	36
Dough	40	35	47	41	Alfalfa - 3 rd Cutting	85	75	83	75
Mature	11	7	14	12	Other Hay - 1 st Cutting	91	88	93	94
Sorghum - Headed	26	22	42	35	2 nd Cutting	23	20	39	38
Coloring	6	4	16	9	Watermelons - Harvested	51	48	52	52
Soybeans - Blooming	51	31	50	51					
Setting Pods	23	11	26	27					

Weather for Week Ending July 24, 2005 - Temperatures ranged from 63 degrees at Boise City on Monday, July 18th, to 103 degrees at Kenton on Wednesday, July 20th. Precipitation averaged 0.00 inches in Panhandle, Central and West Central districts to 0.17 inches in South Central district. Soil temperatures averaged 78 degrees at Cloudy on Monday, July 18th, to 95 degrees at Bessie on Thursday, July 21st.

MESONET TEMPERATURE AND PRECIPITATION DATA

Week Ending July 24, 2005

Districts	Temperature			This Week	Precipitation		
	High	Low	Average		March 1, 2005 to July 24, 2005		
					Total	Departure from Normal	Percent of Normal
Degrees			Inches				
Panhandle	98	69	84	0.00	10.40	-1.33	89
West Central	97	72	85	0.00	11.61	-3.80	75
Southwest	97	72	85	0.09	9.68	-6.07	61
North Central	97	73	85	0.02	12.54	-4.07	75
Central	95	73	84	0.00	11.95	-7.01	63
South Central	94	72	82	0.17	10.72	-8.79	55
Northeast	96	73	84	0.12	13.90	-6.32	69
East Central	96	72	84	0.05	12.71	-8.77	59
Southeast	95	72	83	0.07	11.52	-11.28	51

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