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A combined contribution with
-Cooperative Extension Service
-USDA Farm Service Agency
-The Oklahoma Mesonet

Soil Moisture Supplies Replenished

July 4 - Oklahoma continued to receive additional rainfall last week with some Districts receiving over three inches. The rain limited days suitable for field work to 2.0. The rains, combined with cooler temperatures that averaged in the mid 70's, helped improve crop conditions but hindered progress for field crops. One respondent claimed it has been the wettest summer in recent memory. Moisture conditions improved greatly with the weeks showers. Topsoil moisture increased to 27 percent surplus, 68 percent adequate, 4 percent short, and 1 percent very short. Subsoil moisture increased with 11 percent surplus, 65 percent adequate, 18 percent short, and 6 percent very short.

TOPSOIL MOISTURE BY PERCENT

	Very Short	Short	Adequate	Surplus
This Week	1	4	68	27
Last Week	2	16	72	10
Last Year	7	22	66	5

SUBSOIL MOISTURE BY PERCENT

	Very Short	Short	Adequate	Surplus
This Week	6	18	65	11
Last Week	11	27	56	6
Last Year	7	23	68	2

Small Grains: Small grain harvest has been slowed and in many cases halted due to weather conditions. Producers have had difficulty getting into fields to complete final harvest. Wheat harvest went up one point to 97 percent complete. Fifty-one percent of the wheat acres had been plowed which was an increase of eight points. Rye harvest went up six points to 89 percent and acres plowed increased 11 points to 48 percent. Oat harvest was 87 percent complete with 47 percent plowed.

Row Crops: Row crop conditions improved for all crops due to the heavy rains received throughout the state. Progress and growth were at a lull due to cooler temperatures. Sorghum and soybean planting made slight progress as they continued to wind down. Sorghum planting was up four points and soybean planting was up 5 points to 95 and 92 percent, respectively. Ninety-one percent of the sorghum had emerged and 7 percent was headed. Sorghum conditions improved to 3 percent excellent, 44 percent good, 51 percent fair, and 2 percent poor to very poor. Soybean development was above the five-year average despite the cooler weather conditions. Eighty-seven percent had emerged compared to 82 percent last year and 79 percent for the five-year average. Soybean blooming jumped to 22 percent compared to 11 percent last year and 14 percent for the five-year average. Soybean conditions were 12 percent excellent, 52 percent good, 35 percent fair and 1 percent poor. Corn silking increased 3 points to 48 percent with 25 percent of the corn in the dough stage. Corn conditions were 13 percent excellent, 75 percent good, and 12 percent fair. Peanuts pegging went up to 44 percent with 7 percent setting pods. Peanut conditions were 11 percent excellent, 79 percent good, and 10 percent fair. Cotton squaring was at 45 percent which was consistent with the five-year average of 42 percent. Cotton conditions were 62 percent good, 36 percent fair, and 2 percent very poor.

ROW CROPS CONDITION BY PERCENT

Week Ending July 4, 2004

	Very Poor	Poor	Fair	Good	Excellent
Corn	0	0	12	75	13
Soybeans	0	1	35	52	12
Peanuts	0	0	10	79	11
Cotton	2	0	36	62	0
Sorghum	1	1	51	44	3

Hay: Hay cutting was slowed due to the rain. Hay conditions did improve with both alfalfa and other hay in mostly good condition. The second cutting of alfalfa was 94 percent cut compared to 95 percent last year and 84 percent for the five-year average. The third cutting of alfalfa went up 5 points to 20 percent cut. Other hay first cutting was at 83 percent complete with the second cutting at 11 percent complete.

HAY CONDITION BY PERCENT

Week Ending July 4, 2004

	Very Poor	Poor	Fair	Good	Excellent
Alfalfa	0	3	25	60	12
Other Hay	1	5	28	53	13

Miscellaneous Commodities: Other crops were not reaping all the benefits of the added moisture. A few reporters were finding disease on watermelon leaves and harvesting melons was at a standstill. Watermelons setting fruit was at 76 percent, a 4 point increase from last week. Eight percent of the watermelon crop has been harvested. Watermelon conditions were mostly good to fair. Peach fruit set was still underway with the crop in mostly good condition. Pecans were starting out with an average nut set and they were in good condition.

Pasture: Pastures have benefitted from the rain but there were a few reports of problems with weeds. Pasture conditions were rated as mostly good with 16 percent excellent, 51 percent good, 25 percent fair, and 8 percent poor to very poor.

Livestock: Many reporters felt like the added moisture helped improve livestock conditions by filling ponds and improving pastures. Livestock conditions were 17 percent excellent, 62 percent good, 20 percent fair, and 1 percent poor. Livestock insect activity was mostly moderate to light. The price for feeder steers and heifers continued to increase this week. Feeder steers less than 800 pounds went up two dollars this week averaging \$117.83 per cwt. The price for feeder heifers less than 800 pounds was \$111.93 cwt., an increase of sixty-three cents from last week.

LIVESTOCK CONDITION BY PERCENT

Week Ending July 4, 2004

	Very Poor	Poor	Fair	Good	Excellent
Livestock	0	1	20	62	17
Pasture & Range	2	6	25	51	16

ADDRESS SERVICE REQUESTED

TIME DATED MATERIAL

OKLAHOMA CROP PROGRESS

Week Ending July 4, 2004

Item	This Week	Last Week	Last Year	5 - Yr Avg.	Item	This Week	Last Week	Last Year	5 - Yr Avg.
Wheat -					Peanuts -				
Harvested	97	96	97	95	Pegging	44	33	67	41
Plowed	51	43	50	54	Setting Pods	7	5	0	2
Oats -					Cotton -				
Harvested	87	84	81	85	Squaring	45	30	43	42
Plowed	47	38	41	45	Alfalfa -				
Rye -					2 nd Cutting	94	90	95	87
Harvested	89	83	n/a	n/a	3 rd Cutting	20	15	29	21
Plowed	48	37	n/a	n/a	Other Hay -				
Corn -					1 st Cutting	83	82	80	80
Silking	48	45	36	33	2 nd Cutting	11	10	11	12
Dough	25	18	14	12	Watermelons -				
Sorghum -					Setting Fruit	76	72	83	75
Planted	95	91	94	93	Harvested	8	7	8	7
Emerged	91	83	88	83					
Headed	7	3	2	5					
Soybeans -									
Planted	92	87	89	87					
Emerged	87	79	82	79					
Blooming	22	8	11	14					

Weather for Week Ending July 4, 2004 - Temperatures ranged from 54 degrees at Boise City on Saturday, July 3rd, to 98 degrees at Cherokee on Sunday, July 4th. Precipitation averaged 1.09 inches Panhandle district to 3.74 inches East Central district. Soil temperatures averaged 68 degrees at Kenton on Monday, June 28th, to 88 degrees at Erick on Sunday, July 4th.

MESONET TEMPERATURE AND PRECIPITATION DATA

Week Ending July 4, 2004

Districts	Temperature			Precipitation			
	High	Low	Average	This Week	March 1, 2004 to July 4, 2004		
					Total	Departure from Normal	Percent of Normal
Degrees			Inches				
Panhandle	84	61	72	1.09	10.08	- 0.02	100
West Central	85	67	75	2.28	14.43	+0.39	103
Southwest	88	68	77	2.60	13.23	- 1.11	92
North Central	86	66	75	1.26	15.38	+0.69	105
Central	85	69	76	1.59	15.85	- 1.46	92
South Central	87	69	77	2.35	16.43	- 1.44	92
Northeast	85	67	76	3.13	21.59	+3.41	119
East Central	85	68	76	3.74	20.30	+0.74	104
Southeast	86	70	77	1.26	19.24	- 1.25	94