



CROP PROGRESS & CONDITION

Kansas Agricultural Statistics

Cooperating with the Kansas Department of Agriculture

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For the week ending May 1, 2011

Agricultural Summary: Many producers across Kansas received beneficial rains last week, easing dry field conditions. Farmers in the West Central, Southwest, and South Central Districts welcomed the precipitation that helped to relieve the pressure of dry weather, but more moisture is needed for spring planted crops. Last week's moisture provided 13 out of 52 stations with greater than an inch of rain, while only 14 stations reported less than a half inch. Columbus received the heaviest rainfall with 3.91 inches, followed by Pittsburg with 2.50 inches, and Goodland with 1.65 inches. The lightest precipitation occurred in the Central and North Central Districts. Temperatures were below normal Statewide last week, with highs from the mid 70's to 93 in Liberal, and lows ranged from 32 to mid 40's. Producers had an average of 4.2 days suitable for field work last week, with only the Central and South Central Districts averaging more than 5 days each. Topsoil moisture supplies improved from the previous week and were rated at 18 percent very short, 24 percent short, 52 percent adequate, and 6 percent surplus. The Southwest District continues to be the driest with 96 percent short to very short, while the West Central and South Central improved to less than 80 percent short to very short. In contrast, the three eastern districts were all at least 90 percent adequate to surplus, with reports of delayed field work due to the wet conditions. The subsoil moisture supplies were rated 21 percent very short, 28 percent short, 48 percent adequate, and 3 percent surplus. Farmers' primary activities included planting row crops, limited alfalfa cutting, continued pesticide applications, and spraying alfalfa fields for weevils.

Field Crop Report: The rain Statewide last week had little impact on the condition of the **winter wheat** crop which declined slightly to 19 percent very poor, 26 percent poor, 34 percent fair, 19 percent good, and only 2 percent excellent. Seventy-eight percent of the crop was jointed by the end of the week, behind

last year at 85 percent and 87 percent for the 5-year average. Sixteen percent of the wheat has headed, equal to the 5-year average but ahead of last year's 15 percent. Over half of the crop has headed in the South Central and Southeast Districts. Wind damage to the crop was unchanged at 1 percent severe, 5 percent moderate, and 16 percent light, while the freeze damage was at 3 percent moderate, and 11 percent light. Insect infestation increased slightly to 1 percent moderate, and 9 percent light, while disease damage increased to 1 percent moderate, and 13 percent light. The precipitation last week slowed the row crop planting as Kansas farmers were forced to wait out the rain in the early part of last week. Twelve percent of the **corn** crop was planted last week to reach 41 percent complete, behind last year at 47 percent and the 5-year average of 43 percent. Corn emergence has been slowed by the cool conditions and is 12 percent complete, behind both the previous year at 17 percent and the 5-year average of 14 percent. Very little **sorghum** was planted last week as the State average remained at 1 percent, while some **soybean** growers started planting mostly in the South Central and Eastern Districts to also reach a state average of 1 percent planted.

Feed Supplies Report: Range and pasture condition was rated at 12 percent very poor, 17 percent poor, 34 percent fair, 33 percent good, and 4 percent excellent. Feed grain supplies in Kansas were rated at 1 percent very short, 7 percent short, 86 percent adequate, and 6 percent surplus. Hay and forage supplies were rated at 1 percent very short, 13 percent short, 82 percent adequate, and 4 percent surplus. Stock water supplies improved slightly with the rain and were 5 percent very short, 14 percent short, 78 percent adequate, and 3 percent surplus. As calving winds down, cattle producers continue to work their herds and prepare fences for pasturing, with limited burning possible.

Kansas Crop Progress for the Week Ending May 1, 2011

Crop	This Week	Last Week	Last Year	5-Yr Avg.
	Percent			
Winter Wheat Jointed	78	62	85	87
Winter Wheat Headed	16	6	15	16
Corn Planted	41	29	47	43
Corn Emerged	12	5	17	14
Sorghum Planted	1	1	2	2

Kansas Crop Conditions for the Week Ending May 1, 2011

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent				
Winter Wheat	19	26	34	19	2
Range & Pasture	12	17	34	33	4

Wheat Damage for the Week Ending May 1, 2011

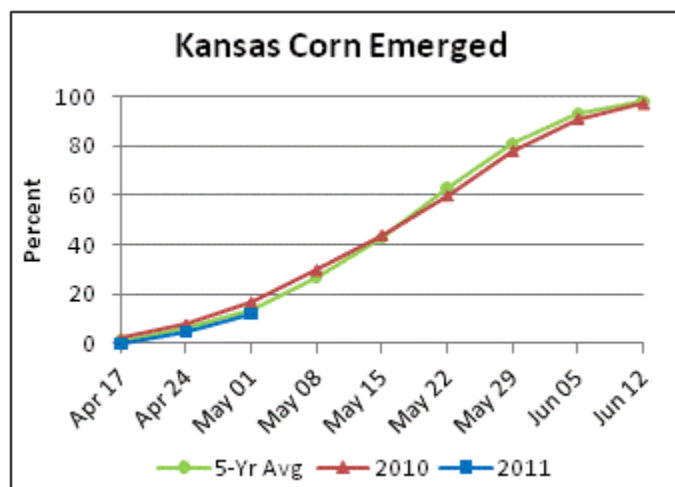
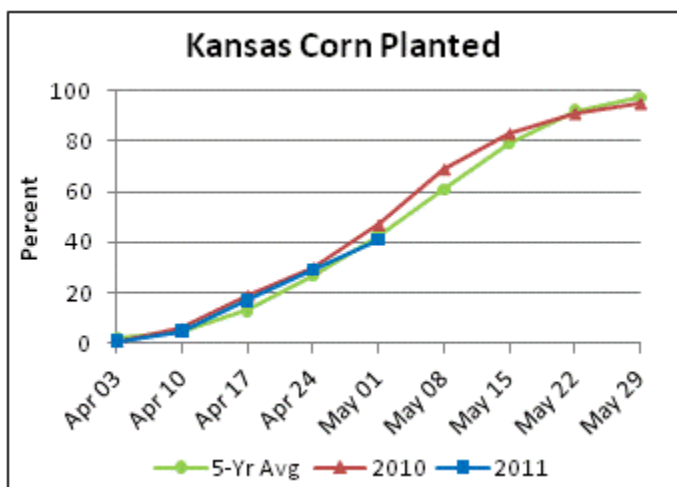
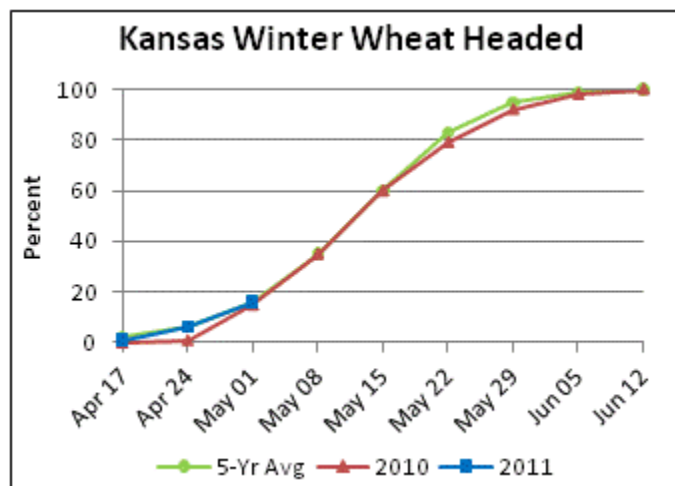
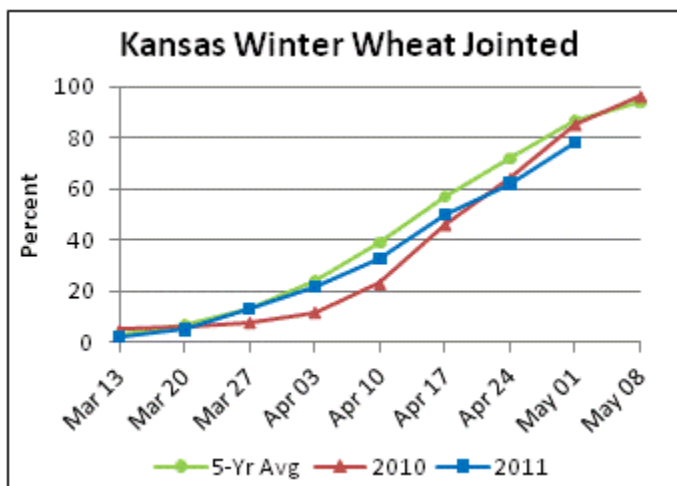
Type	None	Light	Moderate	Severe
	Percent			
Wind Damage	78	16	5	1
Freeze Damage	86	11	3	0
Insect Damage	90	9	1	0
Disease Damage	86	13	1	0

Feed and Water Supplies for the Week Ending May 1, 2011

Type	Very Short	Short	Adequate	Surplus
	Percent			
Feed Grain	1	7	86	6
Hay and Forage	1	13	82	4
Stock Water	5	14	78	3

Days Suitable, Soil Moisture, and Crop Progress by District for the Week Ending May 1, 2011

	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE	LAST WEEK	LAST YEAR	
Days Suitable for Fieldwork	3.4	3.7	4.9	4.9	5.2	5.2	3.6	4.3	2.6	4.2	5.1	4.2	
Topsoil Moisture	Percent												
Very Short	22	27	66	0	13	27	0	0	1	18	22	2	
Short	29	41	30	17	46	47	6	5	8	24	25	7	
Adequate	43	32	4	80	36	26	88	94	61	52	46	73	
Surplus	6	0	0	3	5	0	6	1	30	6	7	18	
Subsoil Moisture	Percent												
Very Short	23	35	73	7	18	28	0	0	2	21	22	1	
Short	42	48	22	35	43	48	8	6	12	28	28	7	
Adequate	35	17	5	54	34	24	87	93	72	48	47	80	
Surplus	0	0	0	4	5	0	5	1	14	3	3	12	
Crop Progress	Percent												
Winter Wheat Jointed	58	58	79	61	92	98	50	84	100	78	62	85	
Winter Wheat Headed	0	0	10	0	6	51	0	1	51	16	6	15	
Corn Planted	9	7	29	35	76	63	62	66	85	41	29	47	
Corn Emerged	1	0	2	3	26	22	10	11	59	12	5	17	



Temperature and Precipitation Data from April 24 – May 1, 2011 ^{1/}

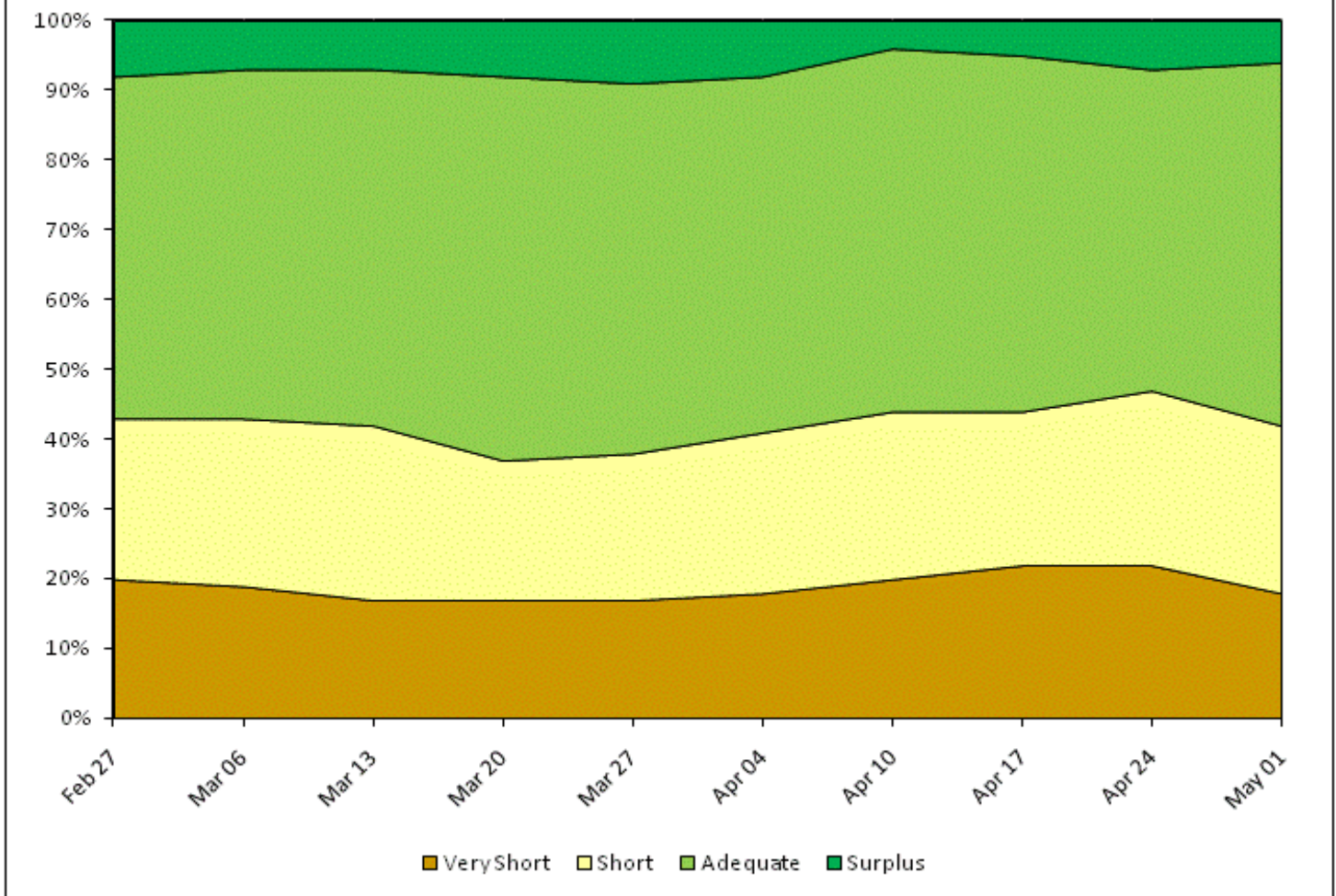
Location	Weekly Temperatures				Precipitation (in.)				Growing Degree Days* Since April 1	
	Extremes		Avg.	DFN	Last Week		Since January 1		Total	DFN
	High	Low			Total	DFN	Total	DFN		
Northwest District										
Colby	85	32	49	-4	1.34	+0.72	2.87	-1.22	105	+42
Goodland	82	34	48	-5	1.65	+1.14	4.15	+0.49	103	+29
Hill City	87	37	53	-3	0.65	+0.01	2.89	-2.50	158	+41
McDonald	82	32	48	-5	0.94	+0.31	4.44	-0.39	79	+13
Oberlin	86	33	50	-5	0.74	+0.08	4.50	-0.57	90	-5
West Central District										
Healy	88	35	52	-4	1.26	+0.68	3.62	-1.18	154	+34
Quinter	86	34	50	-5	1.09	+0.40	4.28	-1.15	119	+11
Russell Springs	87	34	50	-6	0.80	+0.31	2.74	-1.06	124	+18
Tribune	86	32	49	-5	1.04	+0.62	3.22	-0.33	143	+58
Southwest District										
Ashland	88	37	55	-5	0.97	+0.40	2.69	-2.26	236	+39
Dodge City	88	34	54	-3	0.61	+0.03	2.37	-2.81	248	+98
Elkhart	91	38	53	-5	0.63	+0.14	1.30	-2.81	212	+42
Garden City	89	34	51	-6	1.29	+0.76	3.12	-0.88	161	+18
Johnson	91	37	53	-6	1.29	+0.85	2.44	-0.20	189	0
Liberal	93	37	56	-3	0.79	+0.29	1.24	-3.02	277	+89
North Central District										
Alton	83	32	52	-5	0.74	+0.01	3.33	-2.97	117	-15
Belleville	79	36	52	-6	0.36	-0.42	3.33	-3.46	120	-28
Beloit	81	39	54	-5	0.43	-0.27	4.37	-1.85	164	-8
Clay Center	79	32	52	-9	0.36	-0.46	4.70	-2.24	134	-87
Concordia	79	38	54	-4	0.20	-0.51	4.17	-2.13	192	+38
Phillipsburg	83	35	51	-6	0.67	-0.03	4.68	-0.58	105	-28
Central District										
Ellsworth	82	34	52	-5	0.41	-0.40	3.79	-2.87	151	+12
Great Bend	82	34	53	-8	0.22	-0.44	1.89	-4.19	228	+14
Hays	85	33	53	-5	0.68	+0.09	2.57	-2.85	178	+22
Herington	77	37	53	-5	0.31	-0.59	5.77	-2.84	173	+15
McPherson	80	36	53	-5	0.39	-0.40	3.50	-3.94	166	+3
Salina	81	37	55	-5	0.17	-0.73	2.98	-4.70	231	+37
South Central District										
Anthony	82	38	55	-6	0.71	-0.11	3.74	-4.53	278	+64
Hutchinson	84	36	56	-2	0.26	-0.50	2.62	-4.81	297	+123
Medicine Lodge	85	37	57	-3	0.82	+0.11	3.17	-3.83	347	+147
Newton	79	37	54	-5	0.19	-0.60	2.80	-4.52	271	+77
Pratt	84	36	53	-7	0.67	-0.04	3.65	-3.21	200	-24
Wichita	81	40	57	-3	0.96	+0.26	3.98	-3.27	337	+130
Wilmore	84	37	54	-5	0.95	+0.37	2.45	-3.35	237	+39
Northeast District										
Holton	77	32	53	-5	0.43	-0.48	5.52	-2.61	142	-8
Horton	78	35	55	-5	0.26	-0.73	5.22	-3.17	163	-28
Leavenworth	78	41	55	-5	0.46	-0.55	10.14	+1.14	175	+4
Manhattan	80	40	55	-5	0.52	-0.35	5.67	-1.98	184	-15
Valley Falls	78	40	56	-4	0.63	-0.30	6.12	-1.98	185	-6
East Central District										
Emporia	78	41	56	-2	0.79	-0.07	6.78	-0.94	267	+97
Eskridge	78	41	53	-4	1.12	+0.21	8.69	+0.51	154	+11
Garnett	76	43	56	-5	1.60	+0.69	9.75	+0.26	229	-3
Lawrence	78	44	56	-5	0.77	-0.18	9.37	+0.51	221	-14
Ottawa	76	42	54	-7	1.24	+0.27	9.63	+0.42	192	-53
Tallgrass Prairie	78	42	55	-4	0.76	-0.08	6.19	-1.80	213	+47
Topeka	80	43	57	-2	0.70	-0.24	8.74	+0.86	269	+91
Southeast District										
Columbus	77	44	55	-5	3.91	+2.81	14.32	+3.01	274	+69
Howard	80	38	56	-4	0.96	+0.07	7.57	-1.39	252	+48
Iola	77	41	56	-5	0.94	-0.02	8.27	-1.72	262	+58
Parsons	78	40	55	-5	1.25	+0.24	10.83	+0.34	243	+35
Pittsburg	80	44	56	-5	2.50	+1.46	16.94	+5.47	283	+57
Winfield-Arkansas City	81	38	57	-3	0.55	-0.38	4.11	-5.21	380	+177

Source: Agricultural Weather Information Service, Inc. © 2011 based on NWS data. DFN = Departure From Normal (1970-2000).

* Corn growing degree days: (High Temp. - Low Temp.) / 2 - 50

^{1/} 7:00 a.m. Sunday to 7:00 a.m. Sunday.

Kansas Topsoil Moisture Spring 2011



An audio summary of this report will be available at:

http://www.nass.usda.gov/Statistics_by_State/Kansas/Publications/Crop_Progress_and_Condition/index.asp

**This is a cooperative effort with Kansas State Research & Extension Service,
USDA-Farm Service Agency, and Kansas Agriculture Statistics**