



CROP PROGRESS & CONDITION

Kansas Agricultural Statistics

Cooperating with the Kansas Department of Agriculture

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For the week ending April 24, 2011

Agricultural Summary: Only a few areas in Kansas received beneficial moisture from last week's storms as producers in many areas continue to need moisture. Dry conditions in the western districts along with the South Central District are a sharp contrast to the conditions in the Southeast where some areas have seen excessive rainfall. As of Sunday morning, only 8 out of 52 stations reported receiving greater than half an inch of rain, whereas 25 reported less than a tenth of an inch. Topeka received the most precipitation with 2.24 inches, followed by Columbus with 1.03 inches, and Manhattan with 0.96 inch. Across the State, temperatures were below normal in the north and above normal in the south. Highs ranged from the upper 60's to 88 degrees in Liberal, while lows ranged from the lower 40's down to 29 degrees in Healy and Oberlin. There was an average of 5.1 days suitable for field work last week, with producers in the Southwest and South Central Districts averaging more than 6 days each. Topsoil moisture supplies statewide were rated as 22 percent very short, 25 percent short, 46 percent adequate, and 7 percent surplus. The Southwest District is the driest with 97 percent short to very short, while the West Central and South Central were each over 80 percent short to very short. In contrast, the Northeast and East Central Districts were at least 94 percent adequate to surplus, while the Southeast District lead the State with 30 percent of the acreage rated as having surplus topsoil moisture. The subsoil moisture supplies were rated 22 percent very short, 28 percent short, 47 percent adequate, and 3 percent surplus. Primary activities by farmers included planting corn and sorghum, applying pesticides, preparing for soybean and cotton planting, and fertilizing. Reports from the South Central and Southeast Districts indicate that weevils and aphids continue to infest some alfalfa fields.

Field Crop Report: The persistent, dry weather in the western districts and South Central District again has taken its toll and

has caused the condition of the **winter wheat** crop to decline to 17 percent very poor, 27 percent poor, 33 percent fair, 21 percent good, and only 2 percent excellent. Sixty-two percent of the crop was jointed by the end of the week, falling behind last year at 64 percent and 72 percent for the 5-year average. Six percent of the wheat has headed, mostly in the South Central and Southeast Districts, equal to the 5-year average but ahead of last year's 1 percent. Wind damage to the crop statewide was 1 percent severe, 5 percent moderate, and 16 percent light, while the freeze damage was unchanged at 3 percent moderate, and 12 percent light. Insect infestation increased slightly to 1 percent moderate, and 8 percent light, while disease damage remained unchanged at 1 percent moderate, and 11 percent light. Kansas farmers planted 12 percent of their **corn** last week to reach 29 percent planted, behind last year at 30 percent but ahead of the 5-year average of 27 percent. Five percent of the crop has emerged, behind both the previous year at 8 percent and the 5-year average of 6 percent. Dry soil in the west and wet soil in the east, combined with cool soil temperatures slowed progress last week. **Sorghum** growers have just started planting their crop, primarily in the Southeast, as just 1 percent was planted statewide last week.

Feed Supplies Report: Range and pasture condition was rated at 12 percent very poor, 18 percent poor, 34 percent fair, 33 percent good, and 3 percent excellent. Feed grain supplies in Kansas were rated at 6 percent short, 87 percent adequate, and 7 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 were 6 percent very short, 14 percent short, 77 percent adequate, and 3 percent surplus. The livestock activities for the week included calving, working cattle to prepare for pasturing, preparing the fences on pastures, and limited burning where possible.

Kansas Crop Progress for the Week Ending April 24, 2011

Crop	This Week	Last Week	Last Year	5-Yr Avg.
	Percent			
Winter Wheat Jointed	62	50	64	72
Winter Wheat Headed	6	1	1	6
Corn Planted	29	17	30	27
Corn Emerged	5	NA	8	6

Kansas Crop Conditions for the Week Ending April 24, 2011

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent				
Winter Wheat	17	27	33	21	2
Range & Pasture	12	18	34	33	3

Wheat Damage for the Week Ending April 24, 2011

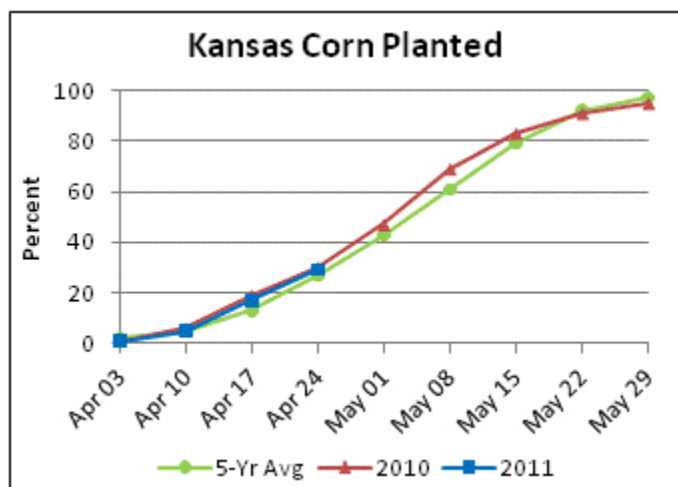
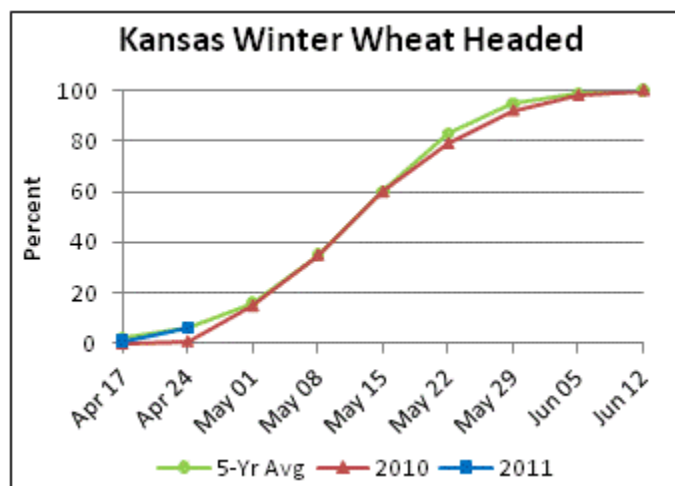
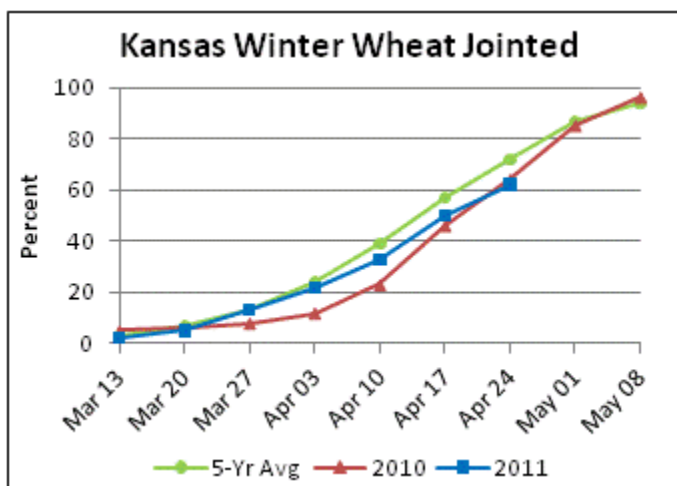
Type	None	Light	Moderate	Severe
	Percent			
Wind Damage	78	16	5	1
Freeze Damage	85	12	3	0
Insect Damage	91	8	1	0
Disease Damage	88	11	1	0

Feed and Water Supplies for the Week Ending April 24, 2011

Type	Very Short	Short	Adequate	Surplus
	Percent			
Feed Grain	0	6	87	7
Hay and Forage	1	13	82	4
Stock Water	6	14	77	3

Days Suitable, Soil Moisture, and Crop Progress by District for the Week Ending April 24, 2011

	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE	LAST WEEK	LAST YEAR	
Days Suitable for Fieldwork	4.7	5.8	6.8	4.4	5.7	6.4	3.1	4.5	4.6	5.1	4.9	4.0	
Topsoil Moisture	Percent												
Very Short	29	45	78	4	14	25	0	0	4	22	22	1	
Short	31	41	19	16	46	57	5	6	9	25	22	6	
Adequate	34	14	3	74	35	18	86	90	57	46	51	74	
Surplus	6	0	0	6	5	0	9	4	30	7	5	19	
Subsoil Moisture	Percent												
Very Short	32	40	74	13	16	22	0	0	4	22	22	1	
Short	44	48	22	26	43	52	8	7	12	28	27	6	
Adequate	24	12	4	58	36	26	85	92	73	47	49	81	
Surplus	0	0	0	3	5	0	7	1	11	3	2	12	
Crop Progress	Percent												
Winter Wheat Jointed	32	22	62	47	76	96	26	63	98	62	50	64	
Winter Wheat Headed	0	0	3	0	0	25	0	0	10	6	1	1	
Corn Planted	3	3	14	23	56	47	40	52	78	29	17	30	
Corn Emerged	0	0	1	2	7	6	3	5	35	5	NA	8	



Temperature and Precipitation Data from April 18 – April 24, 2011 ^{1/}

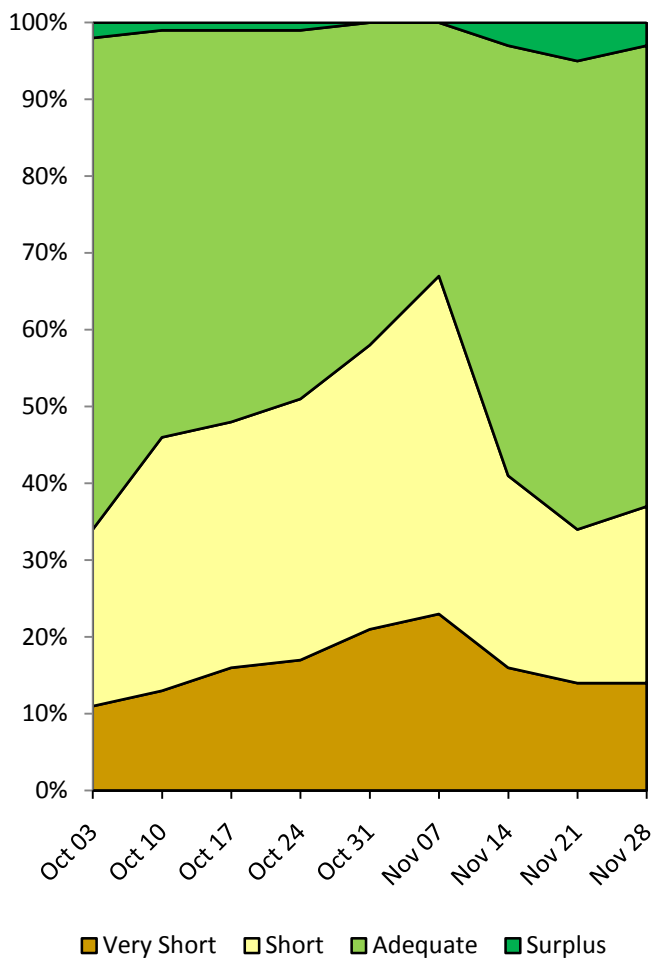
Location	Weekly Temperatures				Precipitation (in.)				Growing Degree Days* Since April 1	
	Extremes		Avg.	DFN	Last Week		Since January 1		Total	DFN
	High	Low			Total	DFN	Total	DFN		
Northwest District										
Colby	80	35	50	0	0.06	-0.44	1.53	-1.94	90	+56
Goodland	76	35	49	-2	0.05	-0.33	2.50	-0.65	90	+47
Hill City	78	32	51	-2	0.07	-0.45	2.24	-2.51	131	+56
McDonald	75	34	49	-2	0.54	+0.03	3.50	-0.70	66	+29
Oberlin	78	29	49	-4	0.46	-0.09	3.76	-0.65	73	+16
West Central District										
Healy	83	29	53	0	0.06	-0.41	2.36	-1.86	130	+54
Quinter	78	35	51	-2	0.19	-0.36	3.19	-1.55	101	+33
Russell Springs	82	35	52	-1	0.00	-0.37	1.94	-1.37	108	+41
Tribune	81	32	54	+4	0.00	-0.32	2.18	-0.95	125	+73
Southwest District										
Ashland	85	36	58	+3	0.00	-0.46	1.72	-2.66	196	+65
Dodge City	83	34	56	+3	0.00	-0.49	1.76	-2.84	211	+112
Elkhart	87	37	58	+4	0.15	-0.26	0.67	-2.95	185	+72
Garden City	83	33	54	0	0.00	-0.42	1.83	-1.64	134	+41
Johnson	86	38	57	+2	0.00	-0.32	1.15	-1.05	161	+34
Liberal	88	39	60	+5	0.00	-0.39	0.45	-3.31	230	+102
North Central District										
Alton	74	31	51	-3	0.08	-0.54	2.59	-2.98	92	+6
Belleville	72	36	50	-5	0.16	-0.51	2.97	-3.04	99	+3
Beloit	74	37	52	-4	0.14	-0.45	3.94	-1.58	133	+19
Clay Center	72	37	50	-9	0.40	-0.26	4.34	-1.78	107	-43
Concordia	73	36	51	-5	0.21	-0.38	3.97	-1.62	159	+58
Phillipsburg	71	34	49	-5	0.43	-0.15	4.01	-0.55	87	0
Central District										
Ellsworth	75	38	52	-3	0.11	-0.50	3.38	-2.47	122	+33
Great Bend	75	37	53	-5	0.00	-0.54	1.67	-3.75	195	+50
Hays	76	39	53	-3	0.01	-0.50	1.89	-2.94	146	+43
Herington	74	36	51	-5	0.49	-0.31	5.46	-2.25	143	+40
McPherson	74	38	52	-3	0.09	-0.56	3.11	-3.54	137	+30
Salina	73	38	53	-5	0.24	-0.50	2.81	-3.97	193	+63
South Central District										
Anthony	81	41	59	+2	0.02	-0.74	3.03	-4.42	237	+94
Hutchinson	77	40	55	-1	0.01	-0.66	2.36	-4.31	248	+132
Medicine Lodge	82	37	60	+3	0.09	-0.54	2.35	-3.94	295	+163
Newton	73	39	54	-3	0.00	-0.67	2.61	-3.92	234	+104
Pratt	78	36	56	-3	0.00	-0.64	2.98	-3.17	173	+19
Wichita	79	42	59	+3	0.04	-0.56	3.02	-3.53	286	+145
Wilmore	83	34	58	+2	0.06	-0.44	1.50	-3.72	203	+71
Northeast District										
Holton	70	32	49	-7	0.38	-0.46	5.09	-2.13	118	+22
Horton	69	36	50	-8	0.34	-0.56	4.96	-2.44	128	0
Leavenworth	72	38	51	-5	0.92	+0.01	9.68	+1.69	142	+32
Manhattan	75	39	52	-6	0.96	+0.21	5.15	-1.63	148	+15
Valley Falls	72	38	52	-6	0.35	-0.44	5.49	-1.68	143	+15
East Central District										
Emporia	77	40	56	0	0.04	-0.68	5.99	-0.87	222	+111
Eskridge	73	36	50	-5	0.78	-0.01	7.57	+0.30	128	+37
Garnett	73	38	55	-4	0.26	-0.59	8.15	-0.43	185	+26
Lawrence	73	38	52	-7	0.67	-0.20	8.60	+0.69	174	+14
Ottawa	73	39	54	-6	0.18	-0.68	8.39	+0.15	160	-9
Tallgrass Prairie	76	39	53	-3	0.03	-0.70	5.43	-1.72	175	+67
Topeka	76	40	55	-2	2.24	+1.42	8.04	+1.10	219	+101
Southeast District										
Columbus	82	42	60	+3	1.03	+0.02	10.41	+0.20	234	+96
Howard	77	41	58	+1	0.29	-0.52	6.61	-1.46	206	+70
Iola	76	41	58	0	0.41	-0.47	7.33	-1.70	219	+85
Parsons	80	42	58	+2	0.39	-0.53	9.58	+0.10	202	+62
Pittsburg	82	42	60	+2	0.90	-0.05	14.44	+4.01	238	+86
Winfield-Arkansas City	82	43	63	+6	0.01	-0.78	3.56	-4.83	325	+190

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

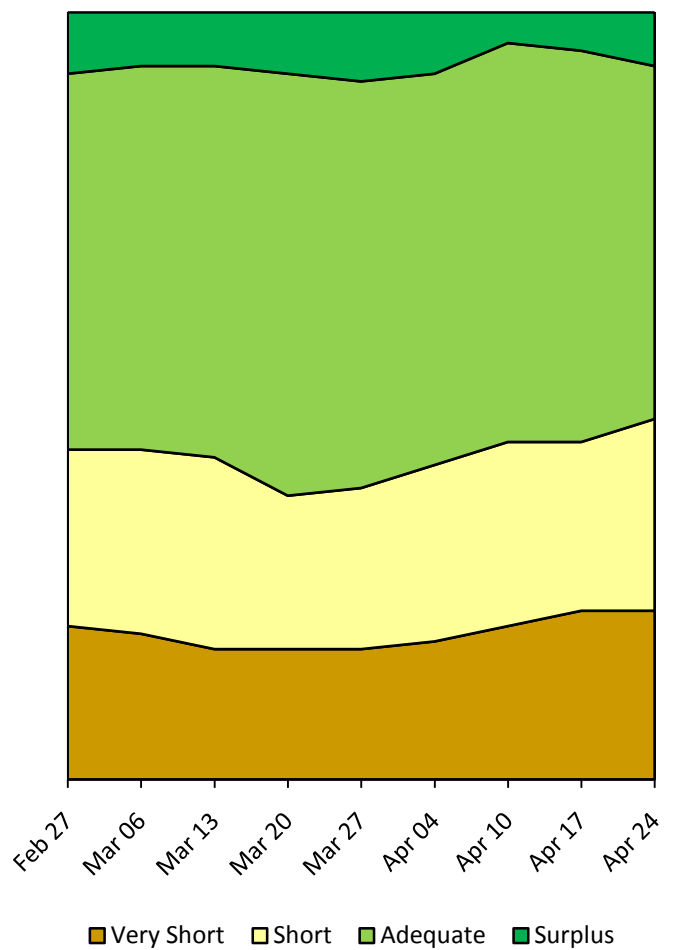
* Corn growing degree days: (High Temp. - Low Temp.) / 2 - 50

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

Kansas Topsoil Moisture Fall 2010



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**