



CROP PROGRESS & CONDITION

Kansas Agricultural Statistics

Cooperating with the Kansas Department of Agriculture

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For the week ending May 22, 2011

Agricultural Summary: Most areas of Kansas received some rain last week along with below average temperatures. The rain was heavy in a few areas of the North Central District and in many areas of the eastern part of the State was accompanied by hail, damaging winds and a few tornados. A majority of the stations received over an inch of rain last week, with the North Central, East Central and Southeast Districts having the largest totals. Concordia led the State with 5.45 inches, followed by Belleville with 4.46 inches, Alton with 3.94 inches, and Beloit with 3.09, all in the North Central District. In contrast, 13 of the 52 stations received less than half an inch of precipitation, which included all but one of the stations in the Southwest and West Central Districts and two stations in the South Central District. Cooler temperatures early in the week warmed up by the weekend but on average were below normal for most of the State. Highs ranged from the mid 70's to 93 degrees in Ashland, while low temperatures ranged from the mid 40's down to 29 degrees in Alton and Tribune. Overall, 5 stations had lows below the freezing mark last week. Farmers had an average of 4.5 days suitable for field work last week, with the West Central and Southwest Districts reporting 6.1 days each. Topsoil moisture supplies improved in all but the West Central and Southwest Districts and were rated at 23 percent very short, 22 percent short, 45 percent adequate, and 10 percent surplus. Topsoil in the Southwest District was 100 percent short to very short, followed by the West Central at 85 percent and the South Central at 81 percent short to very short. Topsoil moisture in the North Central District was 92 percent adequate to surplus, a 45 percent improvement from a week earlier. The subsoil moisture supplies were rated 25 percent very short, 27 percent short, 43 percent adequate, and 5 percent surplus. Farmers' primary activities included planting row crops, irrigating fields, managing disease in wheat, and harvesting alfalfa hay.

Field Crop Report: The moisture last week brought a stabilizing effect to the winter wheat condition which continues to be poor but did not worsen at 25 percent very poor, 30 percent poor, 30 percent fair, 14 percent good, and 1 percent excellent. Eighty-five percent of the crop has headed, advancing 21 points from the previous week, and ahead of last year's 79 percent and the 5-year average of 83 percent. Five percent of the wheat has turned color, mostly in South Central Kansas, compared to 3 percent in 2010 and 6 percent for the 5-year average. Insect damage increased slightly to 2 percent moderate and 10 percent light, whereas disease damage improved slightly to 3 percent moderate and 14

percent light. Soybean planting progress increased 16 points last week, followed by cotton with a 13 point increase, corn with a 9 point increase and sorghum with an 8 point increase. **Corn** planting reached 93 percent complete by Sunday, barely ahead of both last year at 91 percent and the 5-year average of 92 percent. Sixty-two percent of the crop has emerged, ahead the previous year at 60 percent but behind the 5-year average of 63 percent. At this early stage the condition of the corn crop was rated 3 percent poor, 39 percent fair, 52 percent good, and 6 percent excellent. **Soybean** growers have really taken advantage of the favorable planting conditions and had planted 46 percent of their crop by Sunday, well ahead of both last year at 28 percent and the 5-year average of 34 percent. Thirteen percent of the crop has emerged, ahead of 2010 at 11 percent and the 5-year average of 10 percent. Seventeen percent of the **sorghum** has been planted, ahead of both last year at 11 percent and the 5-year average at 16 percent. Four percent of the crop has emerged, compared to 5 percent for both the previous year and the 5-year average. **Cotton** farmers have 23 percent of their crop planted, ahead of last year at 8 percent and the 5-year average of 17 percent. **Sunflowers** are 4 percent planted, compared to 2 percent in 2010 and 7 percent for the 5-year average. The first cutting of **alfalfa** was 40 percent complete, ahead of 31 percent in 2010 and 37 percent the 5-year average. The infestation of weevils and aphids continue to be a problem as producers continue to spray alfalfa fields.

Feed Supplies Report: Range and pasture condition remained unfavorable despite the rain last week and was rated at 16 percent very poor, 20 percent poor, 31 percent fair, 30 percent good, and 3 percent excellent. Feed grain supplies in Kansas were rated at 4 percent very short, 10 percent short, 82 percent adequate, and 4 percent surplus. Hay and forage supplies declined to 6 percent very short, 19 percent short, 72 percent adequate, and 3 percent surplus. Stock water supplies improved slightly last week and were 7 percent very short, 16 percent short, 72 percent adequate, and 5 percent surplus. Livestock producers in the dry areas in the west continue to cull herds to ensure that the pastures can support the cattle throughout the summer. Some stock water ponds are still low requiring producers to haul water to livestock.

Kansas Crop Progress for the Week Ending May 22, 2011

Crop	This Week	Last Week	Last Year	5-Yr Avg.
	Percent			
Winter Wheat Jointed	100	97	97	99
Winter Wheat Headed	85	64	79	83
Winter Wheat Turned Color	5	NA	3	6
Corn Planted	93	84	91	92
Corn Emerged	62	43	60	63
Sorghum Planted	17	9	11	16
Sorghum Emerged	4	NA	5	5
Soybeans Planted	46	30	28	34
Soybeans Emerged	13	4	11	10
Cotton Planted	23	10	8	17
Sunflowers Planted	4	1	2	7
Alfalfa 1st Cutting	40	19	31	37

Kansas Crop Conditions for the Week Ending May 22, 2011

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent				
Winter Wheat	25	30	30	14	1
Corn	0	3	39	52	6
Range & Pasture	16	20	31	30	3

Feed and Water Supplies for the Week Ending May 22, 2011

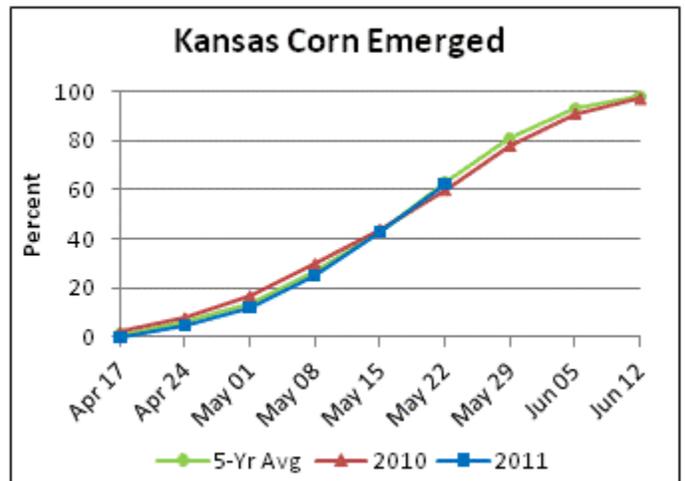
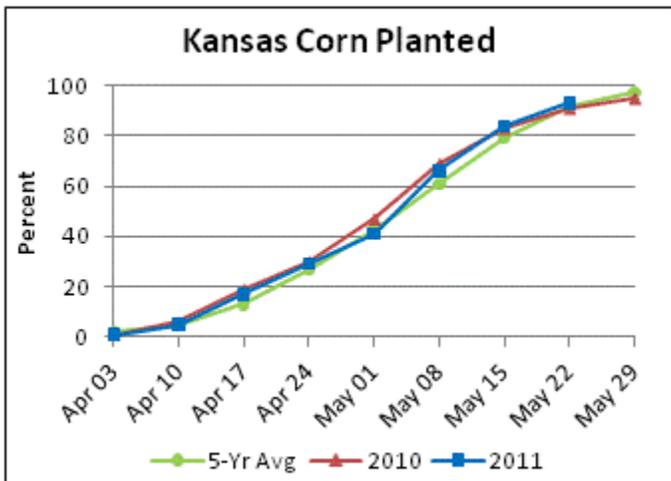
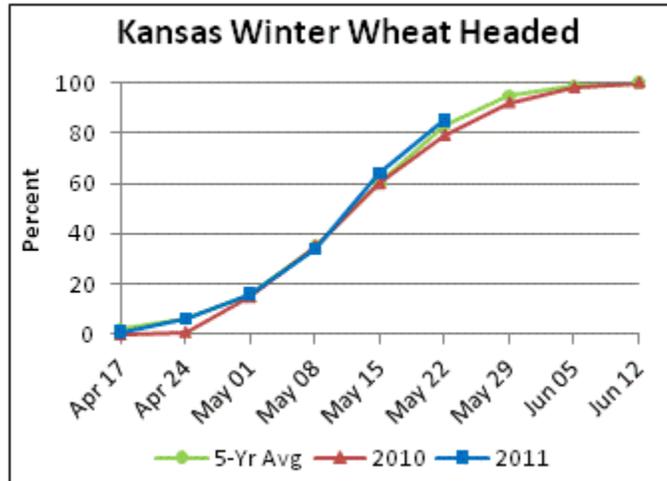
Type	Very Short	Short	Adequate	Surplus
	Percent			
Feed Grain	4	10	82	4
Hay and Forage	6	19	72	3
Stock Water	7	16	72	5

Wheat Damage for the Week Ending May 22, 2011

Type	None	Light	Moderate	Severe
	Percent			
Insect Damage	88	10	2	0
Disease Damage	83	14	3	0

Days Suitable, Soil Moisture, and Crop Progress by District for the Week Ending May 22, 2011

	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE	LAST WEEK	LAST YEAR	
Days Suitable for Fieldwork	3.9	6.1	6.1	3.0	4.8	5.5	4.2	3.4	3.8	4.5	5.6	2.1	
Topsoil Moisture	Percent												
Very Short	18	45	81	1	22	36	1	0	3	23	29	1	
Short	33	40	19	7	29	45	19	10	8	22	30	6	
Adequate	49	15	0	67	46	15	73	76	63	45	38	62	
Surplus	0	0	0	25	3	4	7	14	26	10	3	31	
Subsoil Moisture	Percent												
Very Short	33	42	77	6	22	36	0	2	5	25	27	2	
Short	32	46	22	26	43	48	20	10	10	27	31	7	
Adequate	35	12	1	63	34	16	77	80	66	43	40	72	
Surplus	0	0	0	5	1	0	3	8	19	5	2	19	
Crop Progress	Percent												
Winter Wheat Headed	62	69	86	89	98	95	59	91	99	85	64	79	
Corn Planted	89	90	89	95	99	96	99	97	98	93	84	91	
Corn Emerged	33	35	52	71	83	79	82	89	93	62	43	60	
Sorghum Planted	9	12	10	13	21	25	14	22	52	17	9	11	
Soybeans Planted	36	15	18	62	50	30	75	40	23	46	30	28	
Soybeans Emerged	3	0	3	15	13	8	20	16	10	13	4	11	



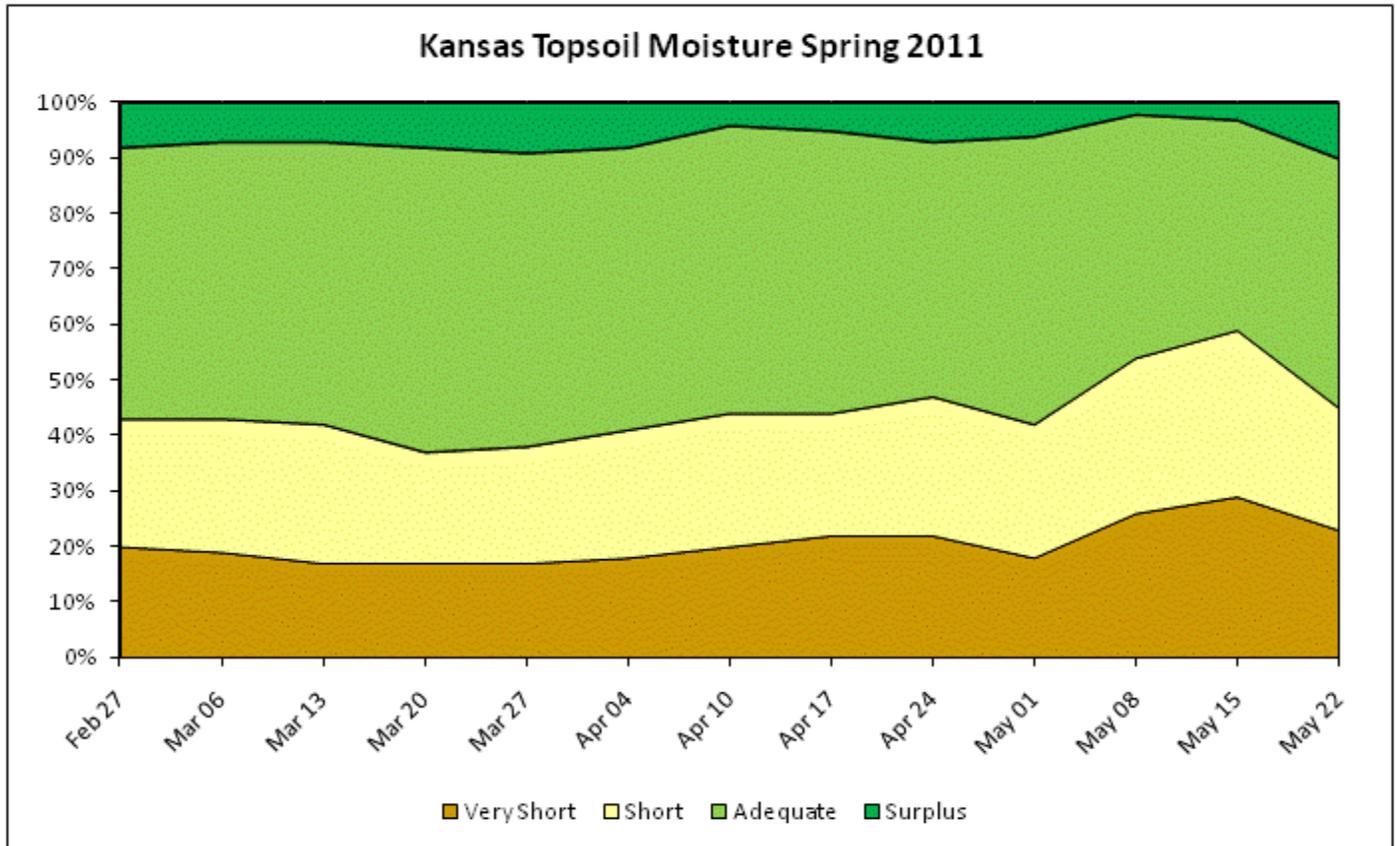
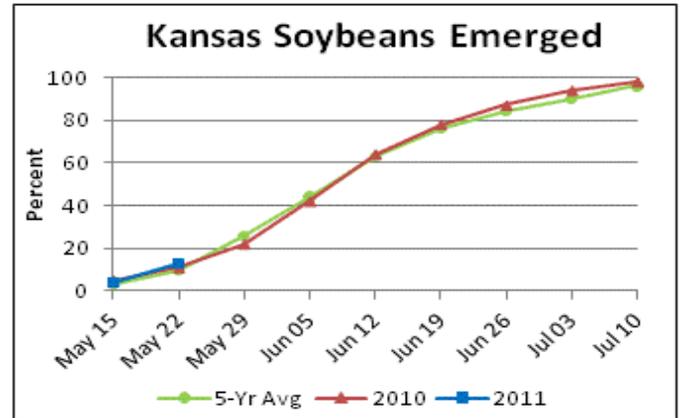
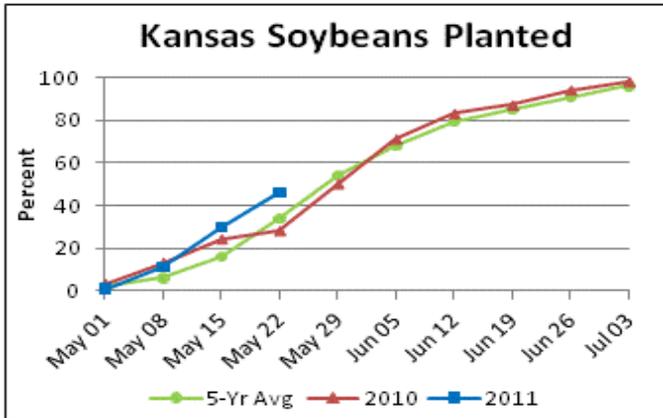
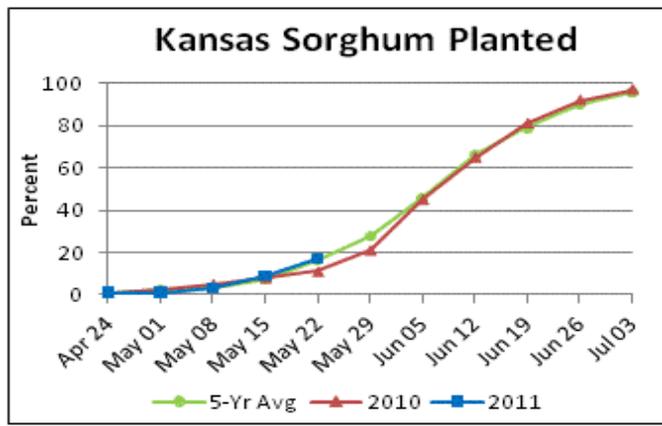
Temperature and Precipitation Data from May 15 – May 22, 2011 ^{1/}

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	77	30	55	-5	0.40	-0.45	3.48	-3.06	272	54
Goodland	75	36	54	-7	1.10	+0.26	5.41	-0.55	242	6
Hill City	81	33	57	-5	0.67	-0.20	3.94	-3.96	382	61
McDonald	75	32	54	-6	1.23	+0.32	8.29	+0.89	204	-15
Oberlin	78	31	54	-8	0.52	-0.35	6.63	-0.91	241	-52
West Central District										
Healy	86	33	60	-3	0.05	-0.73	3.75	-3.30	376	47
Quinter	79	33	57	-6	1.14	+0.20	5.68	-2.46	304	-1
Russell Springs	80	34	57	-5	0.30	-0.47	3.04	-2.87	306	3
Tribune	82	29	58	-3	0.03	-0.65	3.25	-2.13	328	72
Southwest District										
Ashland	93	36	65	-1	0.16	-0.71	2.93	-4.40	522	41
Dodge City	89	35	63	+1	0.36	-0.47	3.02	-4.43	506	131
Elkhart	83	39	62	-3	0.00	-0.65	1.41	-4.56	457	36
Garden City	84	32	60	-4	0.00	-0.83	3.43	-2.84	370	0
Johnson	83	37	61	-5	0.02	-0.66	2.52	-2.00	428	-35
Liberal	88	37	65	0	0.00	-0.77	1.35	-5.00	548	105
North Central District										
Alton	76	29	56	-8	3.94	+2.97	7.74	-1.32	330	-26
Belleville	77	37	59	-5	4.46	+3.41	8.36	-1.36	370	-18
Beloit	78	34	58	-8	3.09	+2.11	8.03	-0.90	416	-18
Clay Center	81	38	60	-8	1.80	+0.64	6.87	-3.34	389	-132
Concordia	79	36	60	-5	5.45	+4.45	9.99	+0.89	459	58
Phillipsburg	77	34	56	-8	2.17	+1.19	7.52	-0.56	300	-59
Central District										
Ellsworth	82	36	59	-6	1.66	+0.40	5.53	-4.63	400	19
Great Bend	90	34	62	-6	0.91	-0.02	2.84	-5.83	508	-1
Hays	90	35	59	-5	0.77	+0.01	3.42	-4.18	428	30
Herington	83	31	58	-7	1.26	+0.07	7.21	-4.75	422	12
McPherson	87	38	61	-5	1.06	-0.11	4.64	-6.01	428	6
Salina	85	37	61	-5	1.53	+0.32	4.76	-6.38	523	46
South Central District										
Anthony	91	42	65	-3	0.39	-0.64	4.31	-6.87	591	66
Hutchinson	88	35	63	-2	0.79	-0.25	3.68	-6.66	610	178
Medicine Lodge	89	38	66	-1	0.71	-0.20	3.93	-5.63	676	179
Newton	84	39	62	-5	2.07	+0.95	4.94	-5.48	555	80
Pratt	86	39	63	-4	0.90	+0.01	4.70	-4.66	469	-46
Wichita	88	42	66	0	1.20	+0.22	5.39	-4.57	674	181
Wilmore	91	35	64	-3	0.28	-0.55	2.98	-5.08	501	16
Northeast District										
Holton	82	33	58	-7	1.17	+0.06	8.49	-2.79	374	-29
Horton	81	36	60	-7	0.67	-0.48	6.43	-5.30	410	-57
Leavenworth	82	39	59	-8	1.10	-0.16	11.96	-0.65	417	-39
Manhattan	85	37	60	-7	1.60	+0.40	7.94	-3.04	447	-39
Valley Falls	85	41	61	-5	2.24	+0.98	9.08	-2.59	448	-14
East Central District										
Emporia	83	40	62	-4	1.95	+0.75	9.16	-1.93	539	103
Eskridge	82	41	58	-6	0.85	-0.41	9.85	-1.85	376	-15
Garnett	81	37	59	-8	2.39	+1.27	15.29	+2.65	473	-64
Lawrence	78	43	61	-7	1.98	+0.74	12.10	-0.23	478	-69
Ottawa	81	39	58	-10	2.50	+1.23	13.11	+0.33	416	-144
Tallgrass Prairie	84	38	60	-6	1.18	+0.01	7.58	-3.65	467	32
Topeka	85	39	62	-3	1.58	+0.34	11.09	-0.27	568	126
Southeast District										
Columbus	81	42	61	-5	1.28	-0.05	17.47	+2.34	529	34
Howard	84	41	62	-5	1.31	+0.17	9.91	-2.24	519	20
Iola	80	42	60	-7	2.10	+0.90	13.12	-0.29	516	9
Parsons	83	42	61	-6	1.39	+0.13	13.28	-0.83	479	-21
Pittsburg	83	44	62	-6	1.85	+0.53	20.06	+4.88	551	13
Winfield-Arkansas City	88	41	66	0	0.43	-0.84	5.41	-7.49	718	221

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.



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**