



CROP PROGRESS & CONDITION

Kansas Agricultural Statistics

Cooperating with the Kansas Department of Agriculture

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For the week ending July 31, 2011

Agricultural Summary: Triple digit temperatures that persisted across the majority of Kansas last week broke many historic records and continued to put pressure on row crops despite spotty thunderstorms that provided much needed moisture to some locations. On July 27, McPherson, Hutchinson, and Salina recorded the highest temperature in the United States at 113 degrees Fahrenheit. Precipitation totals varied widely with producers receiving less than a tenth to over three inches with Horton leading the State with 3.39 inches, followed by Russell Springs with 3.25 inches. Rainfall totals were an inch or greater at 18 of the 52 stations, while 23 stations received a half an inch of moisture or less. Kansas farmers averaged 6.2 days suitable for field work last week as the topsoil moisture supplies were 47 percent very short, 26 percent short, 26 percent adequate, and 1 percent surplus. The three southern districts were 96 or more in the short to very short categories. Kansas subsoil moisture supplies declined slightly to 44 percent very short, 29 percent short, and 27 percent adequate. Both topsoil and subsoil moisture supplies remain at the lowest levels since August of 2006. Last week, producers continued to irrigate crops, chop corn for silage, and cut alfalfa and other hay where available.

Field Crop Report: Crop conditions continued to decline last week as the spring planted crops contended with temperatures over 100 degrees and a lack of significant moisture. Eighty-nine percent of the **corn** had silked, approximately a week behind normal, and behind 96 percent for both 2010 and the 5-year average. Forty percent of the crop was in the dough stage, behind 50 percent last year and 42 percent for the 5-year average. Seven percent of the crop had dented compared to 9 percent the previous year and the same as the 5-year average. The condition of the crop continued to decline to 20 percent very poor, 18 percent poor, 28 percent fair, 29 percent good, and 5 percent excellent, as the extreme heat during the critical pollination stage has taken its toll in some areas. Sixty-seven percent of the **soybean** acreage was blooming, behind 69

percent last year and 75 percent for the 5-year average. Fourteen percent of the crop had set pods, about a week behind average, and behind 24 percent in 2010 and 34 percent for a 5-year average. Soybean condition declined to 15 percent very poor, 24 percent poor, 32 percent fair, 25 percent good, and 4 percent excellent. The **sorghum** crop was 14 percent headed by Sunday, also a week behind normal, and behind 32 percent last year and 29 percent for the 5-year average. The condition of the crop declined to 20 percent very poor, 20 percent poor, 36 percent fair, 22 percent good, and 2 percent excellent. Eighty-seven percent of the **cotton** crop was squaring by Sunday, behind the previous year at 93 and the 5-year average of 92 percent. Twenty-six percent of the crop had bolls set, compared to last year at 44 percent and the 5 year average of 42 percent. The condition of the cotton crop declined to 15 percent very poor, 17 percent poor, 43 percent fair, 21 percent good, and 4 percent excellent. Twenty-nine percent of the **sunflower** crop had bloomed as of Sunday, behind 32 percent last year but the same as the 5-year average. The condition of the crop declined slightly to 3 percent very poor, 8 percent poor, 44 percent fair, 39 percent good, and 6 percent excellent. The third cutting of **alfalfa** was 51 percent complete, behind 2010 at 58 percent but the same as the 5-year average.

Feed Supplies Report: Despite the rain last week the range and pasture condition declined to 33 percent very poor, 24 percent poor, 25 percent fair, 17 percent good, and 1 percent excellent. Feed grain supplies in Kansas were rated at 9 percent very short, 17 percent short, 71 percent adequate, and 3 percent surplus. Hay and forage supplies declined to 18 percent very short, 30 percent short, 50 percent adequate, and 2 percent surplus. The stock water supplies declined to 21 percent very short, 24 percent short, 54 percent adequate, and 1 percent surplus. Cattle herds continue to be liquidated as feed availability becomes scarce despite relief from emergency grazing of Conservation Reserve Program ground.

Kansas Crop Progress for the Week Ending July 31, 2011

Crop	This Week	Last Week	Last Year	5-Yr Avg.
	Percent			
Corn Silked	89	72	96	96
Corn Dough	40	19	50	42
Corn Dented	7	NA	9	7
Sorghum Headed	14	5	32	29
Soybeans Bloomed	67	47	69	75
Soybeans Pods Set	14	5	24	34
Cotton Squaring	87	79	93	92
Cotton Bolls Set	26	7	44	42
Sunflowers Bloomed	29	15	32	29
Alfalfa 3rd Cutting	51	32	58	51

Kansas Crop Conditions for the Week Ending July 31, 2011

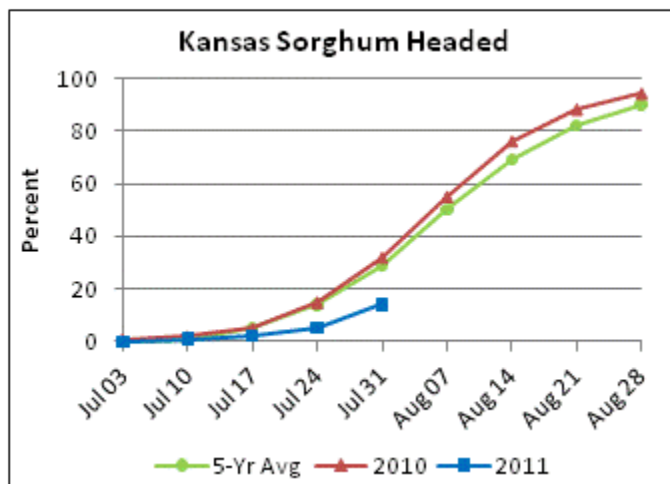
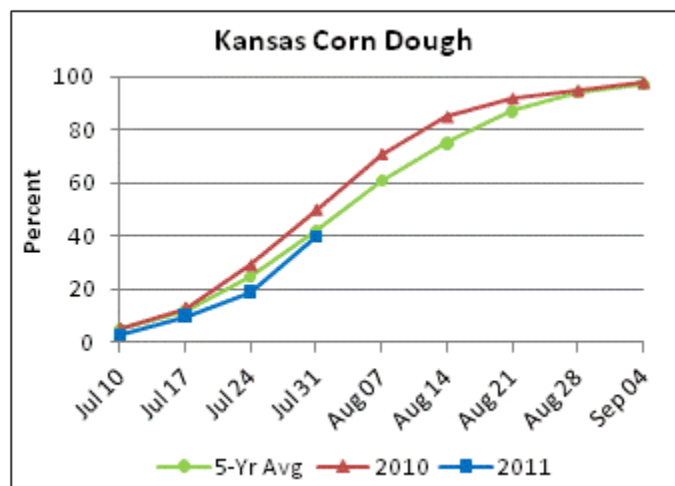
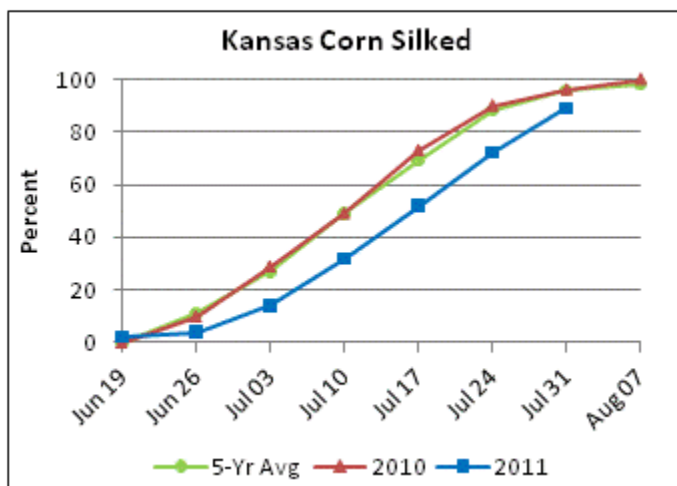
Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent				
Corn	20	18	28	29	5
Sorghum	20	20	36	22	2
Soybean	15	24	32	25	4
Cotton	15	17	43	21	4
Sunflower	3	8	44	39	6
Range & Pasture	33	24	25	17	1

Feed and Water Supplies for the Week Ending July 31, 2011

Type	Very Short	Short	Adequate	Surplus
	Percent			
Feed Grain	9	17	71	3
Hay and Forage	18	30	50	2
Stock Water	21	24	54	1

Days Suitable, Soil Moisture, and Crop Progress by District for the Week Ending July 31, 2011

	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE	LAST WEEK	LAST YEAR
Days Suitable for Fieldwork	5.6	5.6	6.8	5.5	6.6	6.6	4.8	6.7	6.8	6.2	6.6	6.3
Topsoil Moisture	Percent											
Very Short	7	20	92	5	50	78	5	57	65	47	45	6
Short	33	31	7	29	31	20	19	36	32	26	28	25
Adequate	59	48	1	61	19	2	75	7	3	26	26	65
Surplus	1	1	0	5	0	0	1	0	0	1	1	4
Subsoil Moisture	Percent											
Very Short	14	28	91	5	45	77	5	39	60	44	42	5
Short	29	36	8	28	33	21	21	49	36	29	30	17
Adequate	57	36	1	66	22	2	73	12	4	27	28	73
Surplus	0	0	0	1	0	0	1	0	0	0	0	5
Crop Progress	Percent											
Corn Silked	83	76	81	97	93	89	100	99	98	89	72	96
Corn Dough	15	19	16	35	57	53	65	82	78	40	19	50
Corn Dented	0	0	3	2	8	6	10	14	34	7	0	9
Sorghum Headed	24	15	8	14	10	13	48	35	34	14	5	32
Soybeans Bloomed	54	27	37	83	59	57	91	67	51	67	47	69
Soybeans Pods Set	8	1	12	17	11	13	21	15	9	14	5	24



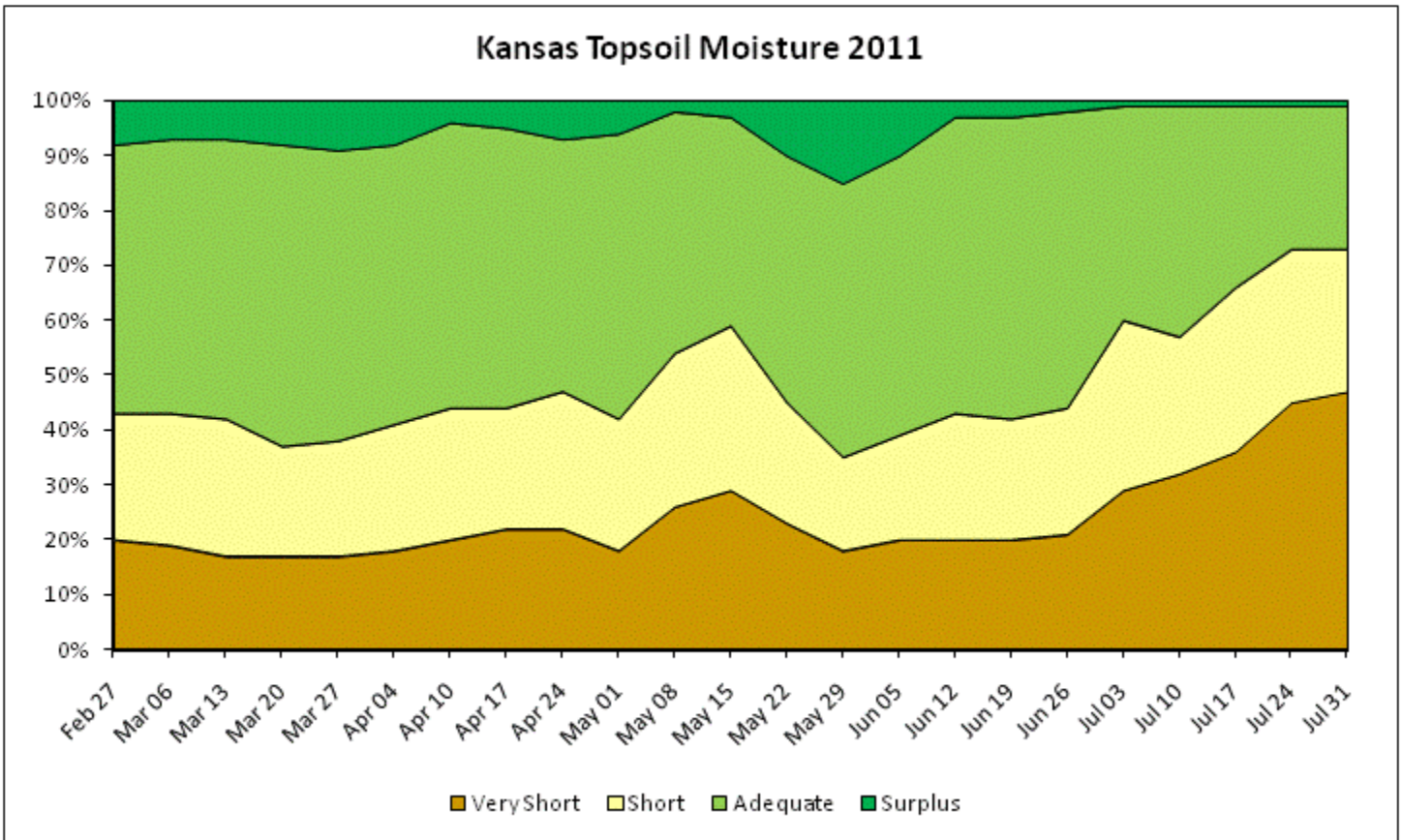
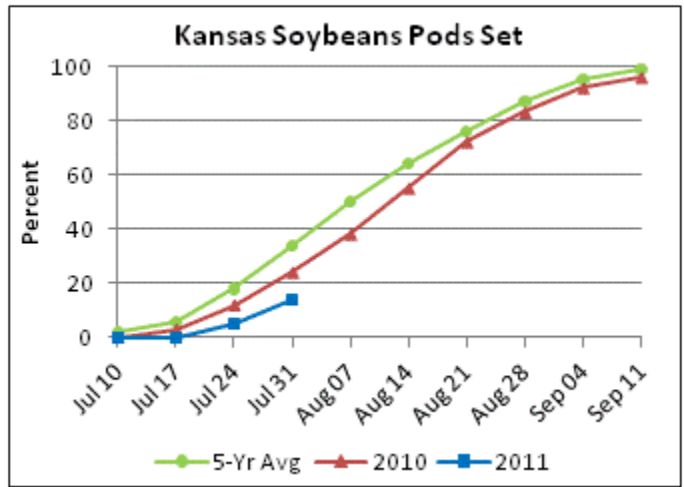
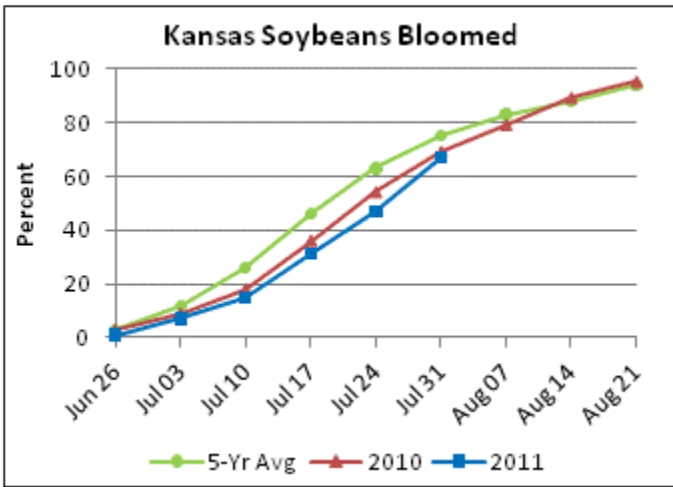
Temperature and Precipitation Data from July 24 - July 31, 2011 ^{1/}

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	100	64	80	+5	1.06	+0.21	12.73	-1.77	2,033	+331
Goodland	100	63	80	+5	0.50	-0.26	13.93	+0.05	1,906	+191
Hill City	103	66	82	+4	1.45	+0.68	11.54	-3.12	2,418	+438
McDonald	100	64	80	+5	1.08	+0.42	18.78	+3.46	1,845	+142
Oberlin	99	64	80	+3	0.41	-0.41	15.33	-0.34	1,946	+44
West Central District										
Healy	105	65	82	+4	0.36	-0.36	11.09	-2.99	2,348	+335
Quinter	101	66	81	+4	1.72	+0.76	13.45	-2.68	2,166	+244
Russell Springs	103	63	80	+3	3.25	+2.51	12.39	-0.39	2,137	+203
Tribune	102	63	80	+4	2.02	+1.35	14.60	+2.64	2,172	+372
Southwest District										
Ashland	111	70	89	+9	0.08	-0.54	3.87	-11.17	2,878	+562
Dodge City	109	66	86	+8	0.39	-0.33	4.00	-11.69	2,750	+678
Elkhart	104	66	83	+5	0.11	-0.55	3.69	-8.41	2,590	+404
Garden City	106	66	83	+6	0.13	-0.50	6.46	-6.32	2,412	+361
Johnson	105	65	82	+4	0.36	-0.13	6.23	-3.35	2,461	+199
Liberal	106	70	86	+7	0.11	-0.50	5.36	-7.57	2,822	+581
North Central District										
Alton	101	62	80	+2	1.40	+0.53	18.29	+0.97	2,261	+181
Belleville	99	67	82	+4	1.09	+0.18	19.56	+0.08	2,256	+153
Beloit	102	68	84	+4	0.19	-0.62	23.46	+5.64	2,444	+162
Clay Center	107	69	84	+3	2.84	+1.96	22.40	+2.97	2,380	-35
Concordia	102	66	82	+4	0.27	-0.62	21.04	+2.50	2,408	+253
Phillipsburg	98	65	81	+2	1.38	+0.65	19.67	+4.02	2,127	+34
Central District										
Ellsworth	111	68	85	+7	0.11	-0.73	12.85	-5.83	2,461	+325
Great Bend	109	66	86	+5	0.31	-0.46	6.41	-10.61	2,705	+306
Hays	106	67	84	+5	0.29	-0.56	8.86	-5.97	2,512	+357
Herington	110	69	87	+8	1.75	+0.91	21.06	-1.29	2,440	+282
McPherson	113	70	88	+8	1.00	+0.16	11.57	-9.04	2,593	+367
Salina	113	69	88	+6	0.19	-0.77	11.69	-9.43	2,761	+378
South Central District										
Anthony	109	72	90	+8	0.61	-0.07	7.05	-13.39	3,015	+536
Hutchinson	113	70	90	+10	0.13	-0.64	7.18	-12.16	2,958	+709
Medicine Lodge	112	73	91	+10	0.06	-0.58	5.73	-12.20	3,156	+766
Newton	109	72	90	+9	0.42	-0.28	8.71	-10.78	2,823	+461
Pratt	108	71	87	+7	0.71	+0.01	10.63	-7.12	2,647	+277
Wichita	111	72	91	+10	1.12	+0.43	12.46	-6.40	3,064	+676
Wilmore	109	71	88	+8	0.52	-0.07	5.89	-9.87	2,838	+486
Northeast District										
Holton	103	66	83	+6	1.46	+0.55	20.26	-1.76	2,253	+143
Horton	100	68	82	+4	3.39	+2.46	22.57	+0.22	2,318	+77
Leavenworth	102	70	84	+5	0.56	-0.41	21.32	-2.66	2,394	+157
Manhattan	110	69	86	+6	0.82	+0.02	18.70	-3.23	2,526	+204
Valley Falls	107	69	86	+8	2.91	+2.03	21.67	-0.90	2,493	+300
East Central District										
Emporia	107	71	88	+9	0.23	-0.68	14.32	-7.20	2,672	+484
Eskridge	105	67	84	+7	0.50	-0.27	15.99	-5.57	2,286	+235
Garnett	103	72	87	+7	1.03	+0.19	22.52	-1.02	2,563	+202
Lawrence	102	70	87	+7	0.25	-0.54	21.22	-2.44	2,518	+109
Ottawa	102	70	86	+6	0.88	+0.15	20.99	-2.26	2,430	-6
Tallgrass Prairie	107	70	88	+9	0.88	-0.06	16.67	-5.31	2,551	+358
Topeka	106	69	87	+9	0.35	-0.45	18.58	-3.56	2,745	+574
Southeast District										
Columbus	104	72	88	+9	0.72	-0.05	24.49	-1.05	2,755	+478
Howard	107	71	88	+9	1.48	+0.71	16.97	-5.61	2,680	+368
Iola	103	72	87	+8	0.55	-0.39	19.31	-5.58	2,638	+296
Parsons	104	72	88	+8	0.71	-0.06	20.58	-3.80	2,656	+341
Pittsburg	105	73	89	+9	0.65	-0.16	27.44	+0.66	2,813	+414
Winfield-Arkansas City	106	73	90	+9	0.03	-0.74	14.44	-8.53	3,152	+795

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