



# CROP PROGRESS & CONDITION

## Kansas Agricultural Statistics

Cooperating with the Kansas Department of Agriculture

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Released: April 30, 2012

Volume 12 No. 18

For the week ending April 29, 2012

**Agricultural Summary:** Last week, many Kansas producers saw record high temperatures as most of the State reported highs over 90 degrees, while a few saw low temperatures at or below freezing. Ashland led the State with a high of 99 degrees, while Alton, with a weekly low of 29 and a weekly high of 97, saw the biggest temperature range of 68 degrees. Ten stations recorded temperatures at or below freezing, but all stations had average temperatures warmer than normal. All but three stations received some precipitation and twenty-two stations had over one half-inch. The top three stations were Leavenworth at 2.70 inches, Herington at 1.68 inches, and Pittsburg at 1.67 inches. Producers averaged 5.6 days suitable for fieldwork, the same as the previous week. Because of the high temperatures and wind, topsoil moisture conditions decreased to 5 percent very short, 16 percent short, 73 percent adequate, and 6 percent surplus. Subsoil moisture supplies also decreased to 5 percent very short, 21 percent short, 71 percent adequate, and 3 percent surplus. Producers were busy spraying wheat, applying fertilizer, and planting corn, soybeans, sorghum, and cotton.

**Field Crop Report:** The Kansas wheat crop continues to progress three weeks ahead of the average as 74 percent of the wheat crop has headed, well ahead of 13 percent last year and the 5-year average of 7 percent. While the Northwest and West Central districts are still below 30 percent headed, five districts are over 90 percent headed. The condition of the wheat crop declined slightly to 2 percent very poor, 6 percent poor, 30 percent fair, 49 percent good, and 13 percent excellent. Freezing temperatures in some areas over the past month have caused a slight increase in

freeze damage to 5 percent light and 1 percent moderate. Insect damage was rated at 19 percent light, 4 percent moderate, and 1 percent severe. Rust is becoming a concern as disease damage increased to 26 percent light, 14 percent moderate, and 3 percent severe. Kansas corn producers have planted 57 percent of their crop, about a week ahead of the previous year of 38 percent and the 5-year average of 32 percent. At 25 percent, corn emergence is also ahead of normal with the Southeast and East Central Districts already reporting more than half the crop as emerged. Five percent of the soybean crop has been planted, and a few sorghum growers have just begun planting. Even cotton producers have started to plant with 4 percent of the crop in the ground. The first cutting of alfalfa was 37 percent complete last week, compared to none for the previous year and the 5-year average.

**Feed Supplies Report:** The condition of Kansas range and pasture improved to 9 percent very poor, 10 percent poor, 35 percent fair, 40 percent good, and 6 percent excellent. Feed grain supplies were unchanged from last week and were rated at 6 percent very short, 16 percent short, 76 percent adequate, and 2 percent surplus. Hay and forage supplies continued to slightly improve to 14 percent very short, 18 percent short, 65 percent adequate, and 3 percent surplus. Stock water supplies were rated at 4 percent very short, 11 percent short, 82 percent adequate, and 3 percent surplus. Many cattle herds have been turned out to spring pasture across the State.

**Kansas Crop Progress for the Week Ending April 29, 2012**

Type	This Week	Last Week	Last Year	5-Yr Avg.
	Percent			
Wheat Headed	74	45	13	7
Corn Planted	57	32	38	32
Corn Emerged	25	11	10	8
Soybeans Planted	5	2	1	1
Sorghum Planted	1	NA	1	1
Cotton Planted	4	1	0	0
Alfalfa First Cutting	37	14	0	0

**Wheat Damage for the Week Ending April 29, 2012**

Type	None	Light	Moderate	Severe
	Percent			
Wind Damage	83	12	4	1
Freeze Damage	94	5	1	0
Insect Damage	76	19	4	1
Disease Damage	57	26	14	3

**Kansas Crop Conditions for the Week Ending April 29, 2012**

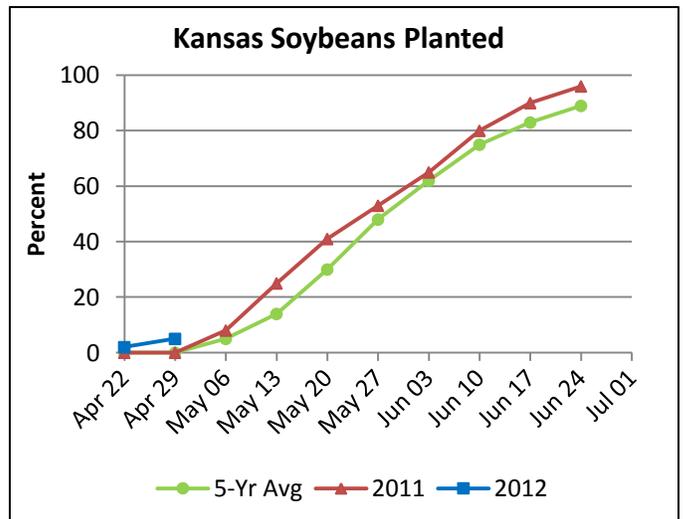
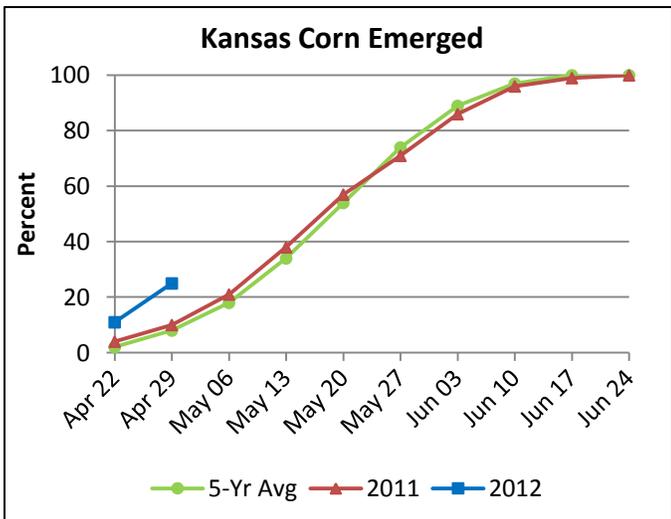
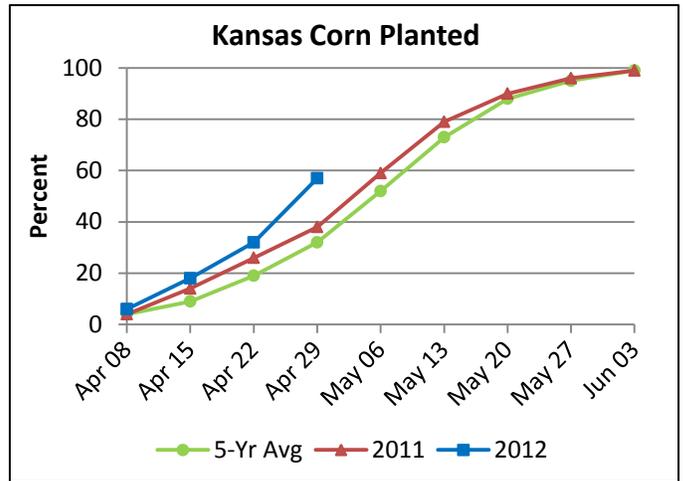
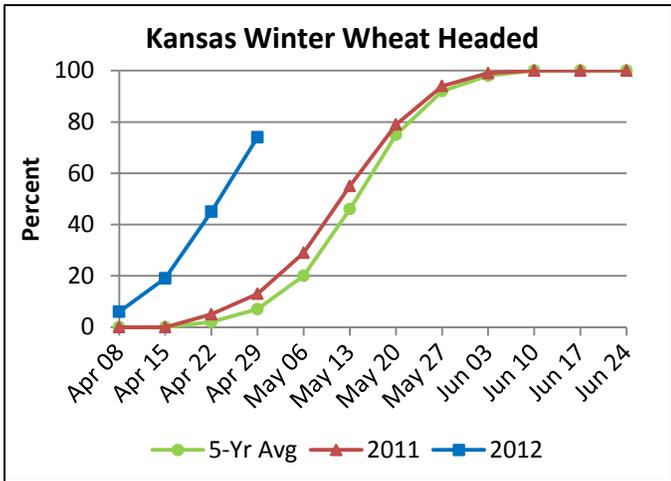
Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent				
Winter Wheat	2	6	30	49	13
Range & Pasture	9	10	35	40	6

**Feed and Water Supplies for the Week Ending April 29, 2012**

Type	Very Short	Short	Adequate	Surplus
	Percent			
Feed Grain	6	16	76	2
Hay and Forage	14	18	65	3
Stock Water	4	11	82	3

## Days Suitable, Soil Moisture, and Crop Progress by District for the Week Ending April 29, 2012

	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE	LAST WEEK	LAST YEAR
Days Suitable for Fieldwork	4.4	6.2	6.1	4.8	5.8	5.9	5.2	5.6	6.1	5.6	5.6	4.5
Topsoil Moisture	Percent											
Very Short	1	4	27	0	2	4	0	2	1	5	4	19
Short	7	20	19	6	23	14	14	33	9	16	13	24
Adequate	86	75	54	80	68	82	86	62	71	73	77	51
Surplus	6	1	0	14	7	0	0	3	19	6	6	6
Subsoil Moisture	Percent											
Very Short	2	5	26	1	4	6	0	1	0	5	5	21
Short	16	31	32	7	31	23	18	27	8	21	19	28
Adequate	82	64	42	89	62	71	82	70	81	71	73	48
Surplus	0	0	0	3	3	0	0	2	11	3	3	3
Crop Progress	Percent											
Winter Wheat Headed	26	29	72	79	93	95	94	95	86	74	45	13
Corn Planted	25	19	38	61	75	72	84	89	93	57	32	38
Corn Emerged	1	2	6	21	32	26	34	63	71	25	11	10
Soybeans Planted	0	0	0	1	3	2	5	10	8	5	2	1



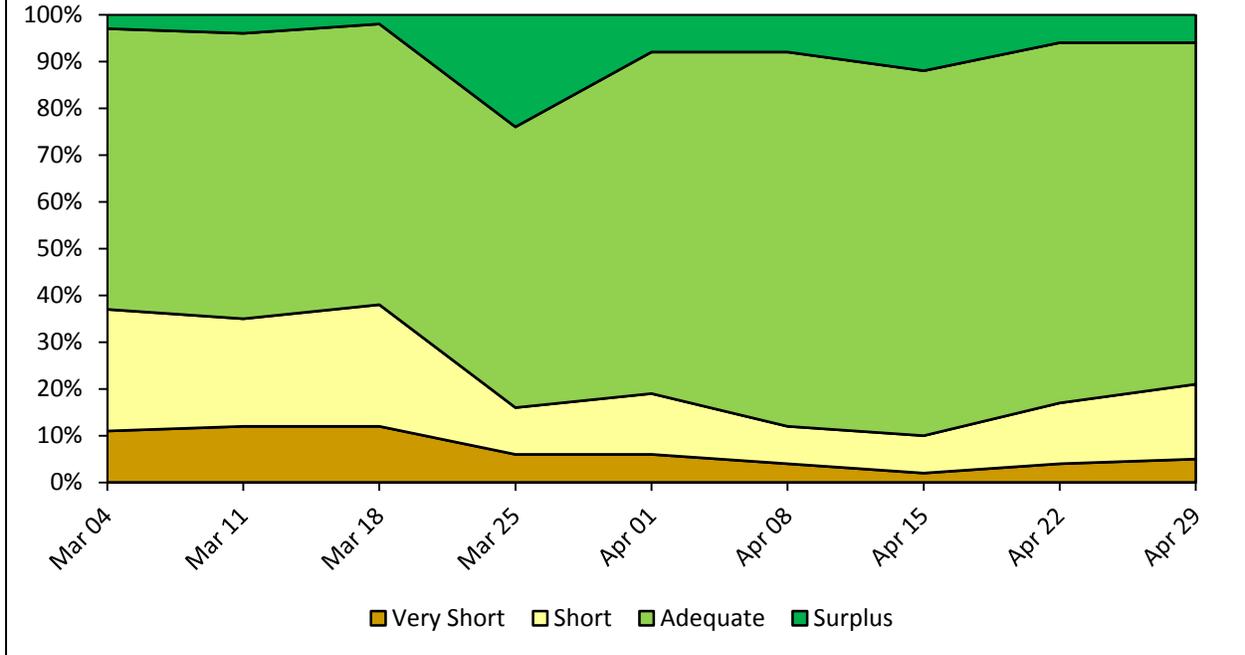
**Temperature and Precipitation Data from April 22 – April 29, 2012 <sup>1/</sup>**

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		
<b>Northwest District</b>										
Atwood	96	34	62	+9	0.30	-0.34	2.84	-2.29	204	+123
Colby	95	33	61	+10	0.53	-0.07	4.42	+0.43	190	+132
Goodland	91	37	61	+9	0.60	+0.11	3.60	+0.02	174	+105
Hill City	96	31	62	+9	0.77	+0.15	4.02	-1.27	233	+123
Oberlin	94	31	60	+7	0.65	+0.01	4.40	-0.57	181	+92
<b>West Central District</b>										
Healy	95	35	63	+9	0.45	-0.11	4.78	+0.07	225	+112
Russell Springs	95	37	61	+8	0.18	-0.29	3.57	-0.15	191	+91
Tribune	94	38	62	+9	0.16	-0.24	3.42	-0.06	187	+107
WaKeeney	96	34	62	+7	0.58	-0.06	5.71	+0.22	222	+90
<b>Southwest District</b>										
Ashland	99	33	66	+8	0.16	-0.39	4.26	-0.60	306	+122
Dodge City	93	38	64	+8	0.04	-0.52	6.03	+0.94	246	+106
Elkhart	96	44	67	+11	0.69	+0.22	3.72	-0.31	292	+133
Garden City	96	37	63	+8	0.07	-0.45	3.95	+0.03	211	+78
Johnson	96	42	65	+8	0.44	+0.02	3.78	+1.21	247	+71
Liberal	95	39	67	+10	0.16	-0.32	4.36	+0.18	328	+152
Ulysses	96	39	63	+7	0.04	-0.40	4.05	+0.61	218	+72
<b>North Central District</b>										
Alton	97	29	60	+5	0.16	-0.55	5.26	-0.93	208	+85
Belleville	92	35	61	+5	0.58	-0.18	8.32	+1.65	237	+99
Beloit	95	35	63	+6	0.39	-0.29	9.40	+3.29	262	+102
Clay Center	93	36	61	+2	0.21	-0.58	8.69	+1.88	253	+47
Concordia	94	35	64	+8	1.53	+0.84	8.50	+2.31	292	+148
Smith Center	95	37	62	+5	0.28	-0.38	5.50	+0.14	229	+68
<b>Central District</b>										
Great Bend	97	30	64	+5	0.00	-0.64	3.66	-2.32	292	+93
Hays	97	32	64	+8	0.76	+0.18	5.57	+0.24	257	+111
Herington	91	30	62	+6	1.68	+0.80	8.65	+0.18	262	+115
McPherson	92	33	62	+6	0.81	+0.04	6.53	-0.79	255	+103
Salina	95	33	65	+7	0.06	-0.81	6.88	-0.66	336	+155
Wilson Lake	96	31	63	+7	0.00	-0.65	4.30	-1.15	264	+122
<b>South Central District</b>										
Anthony	92	41	66	+7	0.32	-0.49	8.68	+0.53	325	+125
Hutchinson	95	32	67	+10	0.00	-0.74	4.74	-2.57	357	+195
Medicine Lodge	96	36	68	+10	0.13	-0.56	8.98	+2.09	380	+194
Newton	91	37	65	+8	0.46	-0.31	7.54	+0.34	318	+137
Wichita	95	37	68	+10	0.22	-0.46	10.76	+3.62	386	+193
Wilmore	94	37	65	+8	0.39	-0.18	8.49	+2.78	303	+118
<b>Northeast District</b>										
Baileyville	90	34	60	+4	0.04	-0.82	7.61	-0.06	223	+77
Holton	93	32	61	+5	0.73	-0.17	6.60	-1.40	235	+96
Horton	94	37	61	+4	0.65	-0.32	7.58	-0.66	268	+90
Leavenworth	92	36	61	+4	2.70	+1.70	10.29	+1.44	244	+85
Manhattan	93	36	62	+4	0.19	-0.66	6.69	-0.83	289	+103
Valley Falls	97	38	64	+6	0.34	-0.57	8.27	+0.31	314	+136
<b>East Central District</b>										
Emporia	92	36	65	+9	0.26	-0.58	7.15	-0.44	357	+198
Eskridge	91	39	62	+6	1.50	+0.61	10.65	+2.61	245	+112
Garnett	92	34	63	+4	0.51	-0.40	10.97	+1.61	294	+77
Lawrence	92	41	63	+4	0.56	-0.38	9.00	+0.28	341	+122
Ottawa	93	36	62	+2	0.64	-0.31	8.14	-0.92	278	+49
Tallgrass Prairie	93	30	63	+6	0.12	-0.70	7.50	-0.36	297	+142
Topeka	97	38	65	+8	0.46	-0.46	7.86	+0.12	358	+192
<b>Southeast District</b>										
Columbus	84	39	65	+7	1.18	+0.09	15.44	+4.29	351	+159
El Dorado	91	37	64	+6	0.14	-0.62	9.01	+0.91	327	+145
Iola	90	40	64	+6	0.15	-0.80	9.64	-0.21	329	+139
Parsons	85	35	64	+5	0.72	-0.28	12.60	+2.26	310	+116
Pittsburg	87	40	66	+7	1.67	+0.65	13.82	+2.51	362	+151
Winfield	90	37	67	+9	0.70	-0.21	10.26	+1.08	401	+212

Source: Agricultural Weather Information Service, Inc. © 2012 based on NWS data. DFN = Departure From Normal (1970-2000).

<sup>1/</sup> Corn growing degree days: (High Temp. - Low Temp.) / 2 - 50. <sup>1/</sup> 7:00 a.m. Sunday to 7:00 a.m. Sunday.

## Kansas Topsoil Moisture Spring 2012



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

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