

August 2012

Weather data collected at the KSU Northwest Research-Extension Center, Colby, Kansas.

Day	Air Temperature, F				Soil Temperature, F			Water Temperature, F			Evap.	Wind	Solar	Precip.	Snow	Depth	Air Temp	GDU	HDU
	Max	Min	8:00	Wet-B	Max	Min	Avg	Max	Min	8:00	in.	mi/d	Rad., ly	in.	in.	in.	Spread, F		
1	97	68	75	69	89	85	87	93	66	68	0.41	48	518	0.00			29	27.0	-17.5
2	101	67	70	70	91	80	86	94	68	68	0.47	86	626	0.08			34	26.5	-19.0
3	92	64	68	68	87	80	83	89	65	65	0.24	68	431	0.18			28	25.0	-13.0
4	96	59	60	58	89	77	83	92	60	60	0.45	110	655	0.00			37	22.5	-12.5
5	82	50	58	57	84	77	80	78	57	57	0.28	67	463	0.00			32	16.0	-1.0
6	91	57	67	62	84	73	78	85	57	59	0.55	107	673	0.00			34	21.5	-9.0
7	102	67	73	72	87	75	81	92	59	67	0.42	74	648	0.00			35	26.5	-19.5
8	91	54	60	60	83	79	81	80	61	61	0.27	131	332	T			37	20.0	-7.5
9	101	56	62	62	67	57	62	91	59	60	0.43	53	483	0.01			45	21.0	-13.5
10	89	57	61	61	73	59	66	80	60	60	0.46	79	702	0.07			32	21.5	-8.0
11	89	60	66	57	85	76	80	85	57	58	0.36	98	575	0.00			29	23.0	-9.5
12	95	60	64	60	84	76	80	86	58	60	0.47	120	570	0.00			35	23.0	-12.5
13	89	51	57	56	84	76	80	84	57	57	0.49	102	646	0.00			38	18.5	-5.0
14	87	57	59	59	83	74	78	82	57	59	0.33	87	540	0.08			30	21.5	-7.0
15	86	59	62	62	83	74	78	86	59	60	0.30	120	585	0.00			27	22.5	-7.5
16	100	56	57	54	83	74	79	86	56	56	0.44	128	499	0.09			44	21.0	-13.0
17	75	49	55	52	80	72	76	80	55	55	0.26	59	539	0.00			26	12.5	3.0
18	82	55	60	59	80	71	75	81	55	56	0.30	99	575	0.06			27	18.5	-3.5
19	86	56	58	57	80	72	76	81	51	51	0.40	86	605	0.00			30	21.0	-6.0
20	81	46	58	52	80	69	75	83	51	52	0.41	56	632	0.00			35	15.5	1.5
21	85	58	64	60	77	70	74	76	52	58	0.30	96	459	0.00			27	21.5	-6.5
22	90	60	62	62	80	71	75	83	57	59	0.38	104	469	0.00			30	23.0	-10.0
23	92	62	67	67	81	72	76	85	59	64	0.42	161	547	0.00			30	24.0	-12.0
24	92	62	66	66	82	74	78	87	63	65	0.34	112	441	0.71			30	24.0	-12.0
25	79	64	65	65	77	72	75	78	64	64	0.10	68	199	0.04			15	21.5	-6.5
26	83	57	61	61	79	71	75	86	63	63	0.22	33	447	0.00			26	20.0	-5.0
27	90	61	65	64	83	69	76	90	63	63	0.30	77	587	0.00			29	23.5	-10.5
28	93	62	66	62	84	72	78	88	61	61	0.45	113	578	0.00			31	24.0	-12.5
29	97	57	63	53	84	73	79	86	56	56	0.57	130	575	0.00			40	21.5	-12.0
30	97	57	62	54	83	73	78	82	56	56	0.52	116	583	0.00			40	21.5	-12.0
31	99	54	56	52	83	72	78	84	56	58	0.45	79	570	0.00			45	20.0	-11.5
Totals	2809	1802	1947	1873	2549	2265	2406	2633	1818	1856	11.79	2867	16752	1.32	0		1007	669.0	-290.5
Avg.	91	58	63	60	82	73	78	85	59	60	0	92	540				32	21.6	-9.4
Max	102	68	75	72	91	85	87	94	68	68	0.57	161	702	0.71			45	27.0	3.0
Min	75	46	55	52	67	57	62	76	51	51	0.1	33	199	0.00			15	12.5	-19.5

Note: Values for solar radiation and soil temperature are for preceding calendar day. All other values are 8:00 am to 8:00 am.