

May 2009

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	65	43	43	40	72	57	64	70	47	47	0.22	106	322	0.00			22	7.5	11.0
2	49	42	45	44	59	52	56	52	46	46	0.02	50	171	0.21			7		19.5
3	50	43	45	45	54	49	52	50	46	46	0.10	40	116	0.29			7	0.0	18.5
4	54	38	41	41	62	48	55	59	42	42	0.12	30	228	0.19			16	2.0	19.0
5	64	41	49	49	63	44	53	67	42	48	0.13	148	353	0.06			23	7.0	12.5
6	70	49	56	51	69	49	59	74	48	50	0.17	145	420	0.00			21	10.0	5.5
7	78	49	54	53	79	51	65	80	51	51	0.41	97	581	0.26			29	14.0	1.5
8	80	49	55	53	83	53	68	87	51	54	0.42	52	550	0.27			31	15.0	0.5
9	65	44	46	44	70	54	62	70	47	47	0.20	77	410	0.00			21	7.5	10.5
10	65	45	47	46	82	51	51	64	45	46	0.34	44	522	0.07			20	7.5	10.0
11	53	42	45	45	59	50	54	54	46	46	0.06	37	140	0.06			11	1.5	17.5
12	66	44	54	54	75	49	62	72	46	52	0.30	167	530	T			22	8.0	10.0
13	83	54	56	55	86	56	71	84	52	58	0.26	104	464	T			29	18.5	-3.5
14	71	34	47	44	78	57	68	74	44	44	0.43	113	586	0.00			37	10.5	12.5
15	72	47	58	58	77	51	64	70	45	46	0.22	137	528	0.00			25	11.0	5.5
16	74	44	47	43	75	58	67	71	46	46	0.33	138	418	0.00			30	12.0	6.0
17	67	42	50	45	79	59	69	74	43	44	0.30	74	447	0.00			25	8.5	10.5
18	82	48	56	54	83	53	68	81	44	52	0.41	103	612	0.00			34	16.0	0.0
19	91	56	61	55	90	69	80	86	52	55	0.45	115	693	0.00			35	21.0	-8.5
20	93	58	62	51	88	63	76	82	51	51	0.73	231	758	0.00			35	22.0	-10.5
21	92	52	58	54	90	63	76	82	52	54	0.60	169	766	0.00			40	19.0	-7.0
22	78	43	51	50	86	63	75	81	51	51	0.32	99	713	0.00			35	14.0	4.5
23	81	51	59	57	87	60	73	80	49	52	0.28	65	666	0.00			30	16.0	-1.0
24	81	55	57	57	87	62	75	80	52	57	0.30	82	635	0.34			26	18.0	-3.0
25	79	52	62	60	88	62	75	83	58	58	0.33	68	601	0.00			27	15.5	-0.5
26	77	51	51	51	83	61	72	78	56	56	0.21	82	504	1.89			26	14.0	1.0
27	52	46	49	48	64	52	58	56	48	48	0.26	128	136	1.80			6	1.0	16.0
28	69	42	52	51	71	50	61	76	48	51	0.20	60	683	0.00			27	9.5	9.5
29	80	49	57	55	78	60	69	84	51	57	0.30	33	738	0.00			31	15.0	0.5
30	87	51	62	57	85	55	70	90	63	63	0.24	45	734	0.00			36	18.5	-4.0
31	85	55	65	61	82	59	71	85	57	60	0.39	92	727	0.09			30	20.0	-5.0
Totals	2253	1459	1640	1571	2384	1720	2039	2296	1519	1578	9.05	2931	15752	5.53	0		794	360.0	159.0
Avg.	73	47	53	51	77	55	66	74	49	51	0.29	95	508				26	12.0	5.1
Max	93	58	65	61	90	69	80	90	63	63	0.73	231	766	1.89			40	22.0	19.5
Min	49	34	41	40	54	44	51	50	42	42	0.02	30	116	0.00			6	0.0	-10.5

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