

## May 2007

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	80	53	58	55	75	57	66	79	52	56	0.33	124	422	0.00			27	16.5	-1.5
2	69	40	48	44	67	60	64	68	48	48	0.20	88	634	0.05			29	9.5	10.5
3	71	48	52	52	77	53	65	72	48	54	0.30	56	413	T			23	10.5	5.5
4	67	52	56	56	68	59	64	71	54	54	0.14	92	458	0.06			15	9.5	5.5
5	74	53	56	54				74	58	58	0.13	85	584	T			21	13.5	1.5
6	80	45	48	46				76	48	48	0.52	173	570	0.00			35	15.0	2.5
7	69	44	47	45	75	58	67	74	46	46	0.28	105	588	0.00			25	9.5	8.5
8	65	38	43	43	71	57	64	70	46	46	0.20	56	608	0.00			27	7.5	13.5
9	75	43	55	51	77	54	66	79	46	53	0.25	43	551	0.00			32	12.5	6.0
10	76	46	55	54	78	59	69	80	52	52	0.27	50	657	0.00			30	13.0	4.0
11	83	46	55	53	84	59	72	87	53	56	0.30	34	637	0.00			37	16.5	0.5
12	82	52	59	55				84	54	54	0.39	166	646	0.00			30	17.0	-2.0
13	85	55	61	57				84	55	56	0.47	65	636	0.00			30	20.0	-5.0
14	90	59	62	57	83	65	74	82	56	58	0.64	223	602	0.00			31	22.5	-9.5
15	88	47	48	47	89	67	78	90	50	50	0.42	152	531	0.12			41	18.0	-2.5
16	68	41	48	48	78	64	71	74	48	48	0.33	105	443	0.00			27	9.0	10.5
17	75	45	50	50	79	60	70	78	48	51	0.36	119	443	0.05			30	12.5	5.0
18	76	49	55	52	79	61	70	78	50	50	0.45	180	479	0.00			27	13.0	2.5
19	79	50	57	55				80	50	53	0.42	189	478	0.00			29	14.5	0.5
20	82	51	60	58				85	52	56	0.40	122	488	0.00			31	16.5	-1.5
21	85	58	63	60	85	66	76	84	56	60	0.45	181	451	T			27	21.5	-6.5
22	81	56	61	59	82	69	76	79	58	58	0.39	178	395	T			25	18.5	-3.5
23	77	46	53	51	86	67	77	86	51	52	0.36	98	404	0.11			31	13.5	3.5
24	73	47	49	48	80	63	72	77	48	49	0.32	121	387	0.12			26	11.5	5.0
25	70	45	50	50	83	61	72	83	49	50	0.30	74	503	0.00			25	10.0	7.5
26	75	50	54	53	80	62	71	76	50	54	0.21	157	349	0.00			25	12.5	2.5
27	75	53	62	60	82	63	73	76	53	55	0.27	80	378	0.00			22	14.0	1.0
28	83	58	61	60	87	68	78	83	55	60	0.40	144	433	0.05			25	20.5	-5.5
29	86	60	66	62	86	68	77	83	60	62	0.43	206	404	T			26	23.0	-8.0
30	85	47	55	53	84	67	76	79	50	52	0.44	143	327	0.58			38	17.5	-1.0
31	71	49	55	52	77	61	69	79	51	54	0.31	87	454	0.01			22	10.5	5.0
Totals	2395	1526	1702	1640	1992	1548	1777	2450	1595	1653	10.68	3696	15353	1.15			869	449.5	54.5
Avg.	77	49	55	53	80	62	71	79	51	53	0.34	119	495				28	14.5	1.8
Max	90	60	66	62	89	69	78	90	60	62	0.64	223	657	0.58			41	23.0	13.5
Min	65	38	43	43	67	53	64	68	46	46	0.13	34	327	0.00			15	7.5	-9.5

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