

## August 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	87	68	71	69	91	83	87	90	68	68	0.36	131	420	0.39			19	27.0	-12.5
2	89	64	68	68	93	74	84	89	68	69	0.38	68	489	0.31			25	25.0	-11.5
3	86	68	69	69	85	73	79	88	69	69	0.25	56	332	0.00			18	27.0	-12.0
4	87	67	71	69	90	73	82	87	67	67	0.36	144	460	0.00			20	26.5	-12.0
5	95	70	72	70	97	73	85	95	67	70	0.36	67	520	0.04			25	28.0	-17.5
6	92	70	71	68	94	78	86	92	70	70	0.28	52	408	0.03			22	28.0	-16.0
7	94	65	69	66	99	88	77	98	66	66	0.53	80	463	0.58			29	25.5	-14.5
8	90	64	69	67	91	75	83	92	66	68	0.22	44	395	0.07			26	25.0	-12.0
9	93	62	69	68	97	73	85	96	68	69	0.42	25	526	0.00			31	24.0	-12.5
10	98	65	70	67	96	74	85	92	66	66	0.46	72	517	0.00			33	25.5	-16.5
11	98	63	73	67	95	75	85	92	66	66	0.45	90	522	0.00			35	24.5	-15.5
12	97	69	72	70	97	76	87	94	66	70	0.41	51	501	0.00			28	27.5	-18.0
13	99	68	73	67	97	79	88	93	67	67	0.47	58	471	0.00			31	27.0	-18.5
14	101	64	68	64	97	78	88	94	66	66	0.52	71	508	0.00			37	25.0	-17.5
15	102	64	71	67	98	78	88	94	66	66	0.41	56	514	0.00			38	25.0	-18.0
16	94	69	70	65	98	71	85	92	66	67	0.45	96	479	T			25	27.5	-16.5
17	91	68	70	69	96	80	88	91	66	70	0.32	57	452	0.00			23	27.0	-14.5
18	95	66	75	70	93	80	87	88	66	68	0.41	126	375	0.00			29	26.0	-15.5
19	93	70	71	69	93	77	85	89	68	68	0.52	142	489	0.00			23	28.0	-16.5
20	98	66	68	68	98	79	89	96	68	69	0.35	50	484	0.00			32	26.0	-17.0
21	103	65	72	71	99	79	89	92	68	68	0.45	65	470	0.00			38	25.5	-19.0
22	100	71	71	69	97	80	89	94	68	68	0.52	154	400	0.40			29	28.5	-20.5
23	88	62	64	62	82	75	79	82	64	64	0.21	91	211	0.36			26	24.0	-10.0
24	78	59	59	59	82	71	77	80	62	62	0.26	94	283	0.75			19	18.5	-3.5
25	79	56	62	61	81	68	75	82	60	62	0.18	36	339	0.32			23	17.5	-2.5
26	80	62	69	68	80	66	73	82	62	67	0.21	123	356	0.00			18	21.0	-6.0
27	97	63	68	63	91	62	77	93	63	63	0.42	80	461	0.00			34	24.5	-15.0
28	95	63	67	63	90	71	81	87	63	64	0.49	120	477	0.00			32	24.5	-14.0
29	89	63	64	63	97	73	83	88	64	66	0.35	101	430	T			26	24.5	-11.0
30	74	64	65	65	82	75	79	76	65	65	0.12	63	196	T			10	19.0	-4.0
31	83	58	61	61	88	73	81	86	60	60	0.28	68	382	0.00			25	20.5	-5.5
Totals	2845	2016	2132	2062	2864	2330	2586	2784	2039	2068	11.42	2531	13330	3.25	0		829	773.0	-415.5
Avg.	92	65	69	67	92	75	83	90	66	67	0.37	82	430				27	24.9	-13.4
Max	103	71	75	71	99	88	89	98	70	70	0.53	154	526	0.75			38	28.5	-2.5
Min	74	56	59	59	80	62	73	76	60	60	0.12	25	196	0.00			10	17.5	-20.5

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