

# July 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	84	57	62	61	90	74	82	90	62	62	0.30	68	546	0.00			27	20.5	-5.5
2	83	59	65	64	87	74	81	85	62	64	0.37	89	418	T			24	21.0	-6.0
3	87	63	67	67	89	73	81	89	64	64	0.39	109	545	0.00			24	24.5	-10.0
4	94	63	68	63	91	74	83	94	64	65	0.43	94	504	0.00			31	24.5	-13.5
5	87	52	63	60	91	76	84	88	61	62	0.34	58	474	0.00			35	19.0	-4.5
6	90	57	68	63	95	73	84	91	61	62	0.50	65	582	0.00			33	21.5	-8.5
7	95	62	72	64	97	75	86	95	62	62	0.54	115	584	0.00			33	24.0	-13.5
8	96	62	68	62	95	77	86	88	62	62	0.66	179	593	0.00			34	24.0	-14.0
9	100	61	65	63	99	77	88	96	62	64	0.53	96	568	0.33			39	23.5	-15.5
10	81	62	66	65	84	74	79	86	64	64	0.22	62	412	0.07			19	21.5	-6.5
11	77	61	61	60	84	71	78	82	63	63	0.23	64	377	0.11			16	19.0	-4.0
12	81	59	64	64	85	69	77	84	62	64	0.40	124	491	0.10			22	20.0	-5.0
13	88	59	61	61	92	71	82	92	63	63	0.49	77	517	0.72			29	22.5	-8.5
14	82	62	68	65	88	70	79	89	63	65	0.26	76	502	0.01			20	22.0	-7.0
15	92	62	69	65	92	70	81	92	64	66	0.33	39	516	0.00			30	24.0	-12.0
16	95	61	66	65	92	73	83	91	62	63	0.47	105	485	0.02			34	23.5	-13.0
17	97	63	69	65	96	72	84	96	63	65	0.42	72	560	0.00			34	24.5	-15.0
18	96	66	71	65	92	75	84	90	64	64	0.50	115	486	0.00			30	26.0	-16.0
19	99	69	71	70	95	76	86	93	64	68	0.62	130	550	0.21			30	27.5	-19.0
20	85	67	68	68	88	77	83	88	68	68	0.30	112	431	T			18	26.0	-11.0
21	92	67	72	68	92	76	84	91	67	67	0.43	112	470	0.00			25	26.5	-14.5
22	93	67	72	68	94	76	85	91	67	67	0.57	150	555	0.00			26	26.5	-15.0
23	95	65	74	70	95	77	86	93	66	68	0.49	106	550	0.00			30	25.5	-15.0
24	96	60	69	67	97	78	88	93	66	67	0.41	46	466	0.00			36	23.0	-13.0
25	94	65	68	66	97	77	87	93	66	66	0.45	85	546	0.00			29	25.5	-14.5
26	94	64	72	72	95	78	87	92	64	64	0.53	129	539	0.00			30	25.0	-14.0
27	98	68	70	69	100	78	89	98	64	68	0.49	71	574	0.12			30	27.0	-18.0
28	88	63	68	65	92	79	86	91	66	66	0.32	95	463	0.00			25	24.5	-10.5
29	90	66	70	69	93	77	85	91	66	69	0.34	63	398	1.04			24	26.0	-13.0
30	83	66	68	68	85	75	80	88	68	68	0.21	44	351	T			17	24.5	-9.5
31	84	66	69	69	90	73	82	89	68	68	0.25	70	366	0.00			18	25.0	-10.0
Totals	2796	1944	2104	2031	2852	2315	2590	2809	1988	2018	12.79	2820	15419	2.73	0		852	738.0	-355.0
Avg.	90	63	68	66	92	75	84	91	64	65	0.41	91	497				27	23.8	-11.5
Max	100	69	74	72	100	79	89	98	68	69	0.66	179	593	1.04			39	27.5	-4.0
Min	77	52	61	60	84	69	77	82	61	62	0.21	39	351	0.00			16	19.0	-19.0

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