

August 2005

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	100	59	70	65	92	74	83	94	62	62	0.44	45	659	0.00			41	22.5	-14.5
2	101	63	74	62	91	75	83	88	58	58	0.60	109	658	0.00			38	24.5	-17.0
3	102	64	72	63	92	76	84	88	58	60	0.65	138	682	0.00			38	25.0	-18.0
4	100	63	65	64	93	77	85	90	58	62	0.45	120	660	0.00			37	24.5	-16.5
5	80	58	60	58	84	77	81	76	58	58	0.30	99	412	0.00			22	19.0	-4.0
6	78	57	62	59	83	73	78	78	57	57	0.27	61	466	0.00			21	17.5	-2.5
7	89	61	68	66	86	71	79	88	57	63	0.39	117	614	0.00			28	23.5	-10.0
8	94	59	65	65	89	74	82	90	62	62	0.41	72	603	0.00			35	22.5	-11.5
9	94	62	69	65	91	75	83	90	62	62	0.41	77	639	0.00			32	24.0	-13.0
10	97	65	68	67	90	76	83	90	62	64	0.39	117	556	0.15			32	25.5	-16.0
11	93	66	69	68	89	75	82	90	62	64	0.36	76	580	0.38			27	26.0	-14.5
12	89	67	68	68	86	74	80	90	64	66	0.30	44	523	0.04			22	26.5	-13.0
13	77	63	63	65	79	74	77	76	64	64	0.15	52	298	0.00			14	20.0	-5.0
14	77	54	61	57	79	71	75	75	58	58	0.18	51	341	0.00			23	15.5	-0.5
15	77	49	57	56	83	67	75	80	56	56	0.30	46	609	0.00			28	13.5	2.0
16	81	53	59	58	85	67	76	84	56	58	0.34	30	622	0.00			28	17.0	-2.0
17	83	56	69	68	81	62	72	84	56	66	0.33	91	413	0.83			27	19.5	-4.5
18	91	59	63	63	88	71	80	94	64	64	0.29	10	602	0.00			32	22.5	-10.0
19	97	63	68	63	91	70	81	92	62	62	0.35	25	613	0.00			34	24.5	-15.0
20	84	57	60	60	86	73	80	83	60	60	0.25	59	440	0.00			27	20.5	-5.5
21	85	60	68	67	84	70	77	83	60	66	0.19	32	433	t			25	22.5	-7.5
22	84	63	65	65	82	73	78	80	64	64	0.12	26	253	0.03			21	23.5	-8.5
23	86	58	63	64	87	71	79	86	60	60	0.26	63	452	0.16			28	22.0	-7.0
24	84	58	64	64	87	70	79	82	60	60	0.47	69	549	1.33			26	21.0	-6.0
25	85	61	65	65	79	69	74	83	61	63	0.22	68	493	0.00			24	23.0	-8.0
26	94	56	63	62	85	69	77	94	60	60	0.25	57	545	t			38	21.0	-10.0
27	85	63	66	65	87	69	78	88	60	62	0.27	63	581	0.00			22	24.0	-9.0
28	90	61	63	59	89	71	80	90	59	59	0.35	100	504	0.00			29	23.5	-10.5
29	90	57	60	60	90	73	82	88	64	64	0.33	53	561	0.11			33	21.5	-8.5
30	88	55	59	58	87	69	78	85	56	58	0.30	58	569	0.00			33	20.5	-6.5
31	92	59	62	53	87	70	79	82	54	54	0.45	124	574	0.00			33	22.5	-10.5
Totals	2747	1849	2008	1942	2682	2226	2460	2661	1854	1896	10.37	2152	16504	3.03	0		898	679.0	-283.0
Avg.	89	60	65	63	87	72	79	86	60	61	0.33	69	532				29	21.9	-9.1
Max	102	67	74	68	93	77	85	94	64	66	0.65	138	682	1.33			41	26.5	2.0
Min	77	49	57	53	79	62	72	75	54	54	0.12	10	253	0.00			14	13.5	-18.0

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