

July 2004

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	61	62	62	77	70	74	78	62	62	0.18	64	365	0.33			19	20.5	-5.5
2	67	59	64	64	70	67	69	66	60	60	0.03	93	161	0.65			8	13.0	2.0
3	84	58	63	61	78	65	72	84	59	60	0.28	74	654	t			26	21.0	-6.0
4	90	60	66	61	83	66	75	90	60	61	0.34	72	716	t			30	23.0	-10.0
5	85	56	62	60	83	69	76	85	57	58	0.46	105	591	0.59			29	20.5	-5.5
6	87	53	58	56	79	63	71	82	56	57	0.65	90	679	0.65			34	19.5	-5.0
7	80	58	69	65	76	63	70	82	58	63	0.28	84	748	0.00			22	19.0	-4.0
8	96	60	66	66	83	65	74	92	62	63	0.39	96	759	0.00			36	23.0	-13.0
9	97	63	64	61	89	70	80	92	60	60	0.42	104	717	0.00			34	24.5	-15.0
10	91	64	67	64	87	72	80	72	60	65	0.40	149	668	0.00			27	25.0	-12.5
11	92	63	75	69	88	74	81	75	62	65	0.45	128	680	0.00			29	24.5	-12.5
12	97	65	73	66	92	74	83	96	64	66	0.40	60	701	0.00			32	25.5	-16.0
13	102	61	77	67	94	76	85	96	64	68	0.38	55	686	0.00			41	23.5	-16.5
14	100	62	68	66	94	76	85	94	62	64	0.49	72	748	0.00			38	24.0	-16.0
15	94	67	74	70	91	77	84	90	64	68	0.42	100	678	0.00			27	26.5	-15.5
16	99	64	65	65	93	78	86	92	64	64	0.33	84	590	0.72			35	25.0	-16.5
17	84	65	69	70	82	74	78	84	63	67	0.21	61	512	t			19	24.5	-9.5
18	88	61	67	66	88	73	81	88	63	64	0.26	38	613	0.00			27	23.5	-9.5
19	92	64	74	69	90	73	82	92	62	64	0.41	77	738	0.00			28	25.0	-13.0
20	97	66	73	70	92	75	84	94	64	68	0.38	64	716	0.00			31	26.0	-16.5
21	98	70	73	68	93	77	85	94	66	68	0.46	79	721	0.00			28	28.0	-19.0
22	93	66	69	69	91	79	85	90	66	66	0.29	67	487	0.10			27	26.0	-14.5
23	84	59	59	59	85	75	80	84	60	60	0.18	101	406	0.57			25	21.5	-6.5
24	61	54	57	56	75	65	70	62	56	56	0.00	117	108	0.56			7	7.5	7.5
25	77	55	62	58	68	64	66	65	55	58	0.08	67	215	0.02			22	16.0	-1.0
26	71	51	57	57	72	63	68	70	54	54	0.22	43	439	0.00			20	11.0	4.0
27	78	55	58	58	78	62	70	78	54	54	0.33	132	682	0.00			23	16.5	-1.5
28	85	58	66	65	81	64	73	84	54	64	0.33	136	691	0.00			27	21.5	-6.5
29	80	57	60	60	80	70	75	80	60	60	0.22	79	436	0.00			23	18.5	-3.5
30	82	54	59	58	84	68	76	82	57	57	0.36	87	638	0.06			28	18.0	-3.0
31	84	61	65	66	87	69	78	84	58	64	0.29	75	699	0.00			23	22.5	-7.5
Totals	2695	1870	2041	1972	2603	2176	2396	2597	1866	1928	9.92	2653	18242	4.25	0		825	664.0	-267.5
Avg.	87	60	66	64	84	70	77	84	60	62	0.32	86	588				27	21.4	-8.6
Max	102	70	77	70	94	79	86	96	66	68	0.65	149	759	0.72			41	28.0	7.5
Min	61	51	57	56	68	62	66	62	54	54	0.00	38	108	0.00			7	7.5	-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.