

August 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	96	58	64	64	90	72	81	93	64	64	0.35	49	701	0.00			38	22.0	-12.0
2	99	63	72	62	91	73	82	92	60	60	0.52	88	696	0.00			36	24.5	-16.0
3	98	66	70	65	90	75	83	90	60	64	0.47	104	691	0.00			32	26.0	-17.0
4	96	66	68	67	89	76	83	88	64	68	0.37	83	598	0.00			30	26.0	-16.0
5	87	62	65	63	89	76	83	86	62	62	0.36	93	579	0.00			25	24.0	-9.5
6	85	60	60	60	87	75	81	85	60	60	0.36	143	630	0.06			25	22.5	-7.5
7	85	60	64	64	79	70	75	68	60	62	0.10	119	186	0.07			25	22.5	-7.5
8	82	56	63	60	79	69	64	82	57	57	0.17	97	330	t			26	19.0	-4.0
9	88	59	64	63	87	68	78	88	58	62	0.36	56	678	0.00			29	22.5	-8.5
10	85	54	63	62	87	72	80	85	60	62	0.44	81	623	0.47			31	19.5	-4.5
11	79	53	57	54	79	69	64	79	56	56	0.29	92	511	0.15			26	16.0	-1.0
12	75	48	53	53	78	65	72	75	56	56	0.23	35	525	0.03			27	12.5	3.5
13	78	45	52	50	80	64	72	78	52	52	0.34	78	675	0.00			33	14.0	3.5
14	76	50	57	55	80	64	72	78	52	54	0.22	70	574	0.00			26	13.0	2.0
15	79	55	60	59	79	65	72	78	54	56	0.30	118	539	0.00			24	17.0	-2.0
16	81	55	61	59	80	66	73	80	54	56	0.36	144	591	0.45			26	18.0	-3.0
17	85	55	60	59	83	66	75	85	58	62	0.23	26	647	0.00			30	20.0	-5.0
18	89	57	60	60	85	67	76	88	60	60	0.33	56	645	0.00			32	21.5	-8.0
19	89	56	56	51	84	69	77	86	54	54	0.40	120	576	0.00			33	21.0	-7.5
20	67	48	51	50	75	69	72	66	54	54	0.15	29	303	0.00			19	8.5	7.5
21	80	50	61	58	81	64	73	82	54	56	0.18	32	536	0.00			30	15.0	0.0
22	85	57	64	63	82	66	74	84	56	61	0.35	118	597	0.00			28	21.0	-6.0
23	89	59	62	62	83	69	76	84	60	62	0.26	63	506	0.00			30	22.5	-9.0
24	94	61	67	62	88	71	80	90	62	64	0.30	63	616	0.00			33	23.5	-12.5
25	87	56	59	58	87	73	80	70	60	60	0.36	84	590	0.00			31	21.0	-6.5
26	87	55	61	60	87	72	80	86	58	58	0.32	71	605	0.00			32	20.5	-6.0
27	87	58	62	55	86	71	79	84	54	54	0.45	145	636	0.00			29	22.0	-7.5
28	78	48	50	55	83	71	77	78	51	51	0.34	134	550	t			30	14.0	2.0
29	77	50	52	50	84	68	76	76	50	51	0.29	62	626	0.00			27	13.5	1.5
30	90	50	60	57	83	68	76	82	52	56	0.37	71	551	0.00			40	18.0	-5.0
31	89	57	60	60	84	68	76	84	54	58	0.39	100	611	0.00			32	21.5	-8.0
Totals															0		915	602.5	-169.5
Avg.																	30	19.4	-5.5
Max																	40	26.0	7.5
Min																	19	8.5	-17.0

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