

May 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	52	28	34	31	54	39	47	58	34	36	0.15	49	451	0.15			24	1.0	25.0
2	52	26	30	28	55	41	48	58	36	36	0.15	36	516	0.00			26	1.0	26.0
3	50	29	37	36	57	42	50	60	36	38	0.15	27	538	0.00			21	0.0	25.5
4	62	35	40	40	54	43	49	64	36	38	0.21	100	608	0.00			27	6.0	16.5
5	70	41	49	48	62	46	54	70	38	46	0.29	185	689	0.07			29	10.0	9.5
6	80	48	56	56	69	52	61	78	46	52	0.28	135	652	0.00			32	15.0	1.0
7	83	56	61	55	69	57	63	79	53	54	0.37	227	545	0.00			27	19.5	-4.5
8	81	40	49	45	70	59	65	75	43	43	0.47	143	658	0.00			41	15.5	4.5
9	73	41	48	46	67	55	61	72	43	45	0.25	85	573	0.00			32	11.5	8.0
10	79	47	55	53	72	54	63	78	44	50	0.35	100	713	0.00			32	14.5	2.0
11	92	53	54	53	76	59	68	84	50	56	0.45	136	714	0.00			39	19.5	-7.5
12	84	36	40	38	72	64	68	86	40	40	0.38	204	458	0.00			48	17.0	5.0
13	72	40	55	53	74	58	66	78	40	50	0.29	64	746	0.00			32	11.0	9.0
14	70	37	48	44	73	60	67	70	42	42	0.32	79	663	0.00			33	10.0	11.5
15	71	42	47	44	73	57	65	76	42	46	0.29	62	721	0.00			29	10.5	8.5
16	75	42	54	52	72	59	66	74	48	48	0.36	144	725	0.00			33	12.5	6.5
17	85	54	61	57	73	60	67	79	48	55	0.40	227	615	0.00			31	19.5	-4.5
18	92	42	59	47	74	63	69	78	50	50	0.50	127	553	0.00			53	78.0	61.0
19	83	46	63	53	78	61	70	82	48	52	0.38	59	705	0.00			37	16.5	0.5
20	93	57	72	58	82	63	73	88	52	58	0.42	51	692	0.00			36	21.5	-10.0
21	98	69	72	60	82	67	75	86	68	58	0.60	153	678	0.00			29	27.5	-18.5
22	97	54	62	53	83	70	77	87	55	55	0.49	107	643	0.00			43	20.0	-10.5
23	95	56	65	56	84	69	77	82	54	54	0.50	84	717	0.00			39	21.0	-10.5
24	91	54	62	61	85	69	77	88	54	58	0.36	87	623	0.11			37	20.0	-7.5
25	87	52	58	58	83	68	76	86	56	56	0.45	80	581	0.42			35	19.0	-4.5
26	67	41	48	47	70	62	66	66	48	48	0.19	83	368	0.02			26	8.5	11.0
27	73	48	53	51	75	57	66	76	48	54	0.18	34	590	0.03			25	11.5	4.5
28	75	42	59	55	77	61	69	78	47	53	0.33	47	630	t			33	12.5	6.5
29	82	45	51	51	73	62	68	77	45	45	0.39	97	474	0.67			37	16.0	1.5
30	64	45	48	47	63	54	59	61	45	45	0.02	88	218	1.27			19	7.0	10.5
31	56	47	52	52	58	52	55	56	46	50	0.14	96	173	1.04			9	3.0	13.5
Totals	2384	1393	1642	1528	2209	1783	2005	2330	1435	1511	10.11	3196	18230	3.78	0		994	476.0	189.5
Avg.	77	45	53	49	71	58	65	75	46	49	0.33	103	588				32	15.4	6.1
Max	98	69	72	61	85	70	77	88	68	58	0.60	227	746	1.27			53	78.0	61.0
Min	50	26	30	28	54	39	47	56	34	36	0.02	27	173	0.00			9	0.0	-18.5

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