

# April 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	51	25	35	34	50	45	48	64	34	34	0.18	0	377	0.00			26	0.5	27.0
2	63	25	48	44	53	40	47	64	35	38	0.20	42	605	0.00			38	6.5	21.0
3	77	32	48	46	58	41	50	74	38	42	0.27	42	599	0.00			45	13.5	10.5
4	75	32	40	38	55	45	50	64	38	38	0.23	67	431	0.00			43	12.5	11.5
5	85	40	52	49	59	45	52	72	38	44	0.30	79	558	0.00			45	17.5	2.5
6	58	43	44	43	52	47	50	50	40	40	0.89	250	93	2.24			15	4.0	14.5
7	64	31	34	33	53	45	49	62	36	36	0.20	169	511	0.00			33	7.0	17.5
8	66	34	42	40	59	41	50	66	36	38	0.21	95	642	0.00			32	8.0	15.0
9	73	35	40	39	56	45	51	64	38	39	0.30	226	492	0.00			38	11.5	11.0
10	71	39	45	45	63	46	55	71	39	45	0.33	99	622	0.00			32	10.5	10.0
11	48	32	32	32	54	45	50	46	30	30	0.17	212	80	0.73	1	1	16		25.0
12	46	30	34	33	45	39	42	44	30	34	0.04	160	280	0.04			16		27.0
13	61	30	34	34	51	38	45	60	34	38	0.15	124	652	0.00			31	5.5	19.5
14	58	34	45	44	56	40	48	64	36	44	0.18	101	516	0.00			24	4.0	19.0
15	70	45	49	48	57	47	52	66	42	46	0.21	206	453	0.00			25	10.0	7.5
16	62	38	53	48	58	49	54	66	45	49	0.08	55	430	0.00			24	6.0	15.0
17	74	48	56	54	65	48	57	75	48	50	0.28	79	610	0.00			26	12.0	4.0
18	80	50	52	51	66	53	60	74	50	50	0.33	153	561	0.00			30	15.0	0.0
19	79	49	53	50	70	55	63	80	50	50	0.25	108	600	0.00			30	14.5	1.0
20	82	37	42	42	71	56	64	80	44	44	0.33	82	654	0.00			45	16.0	5.5
21	73	42	45	43	67	55	61	74	42	46	0.19	134	477	0.00			31	11.5	7.5
22	66	40	44	41	64	56	60	66	38	38	0.38	279	640	0.00			26	8.0	12.0
23	60	25	31	30	62	53	58	61	36	36	0.22	407	577	0.00			35	5.0	22.5
24	59	30	39	34	66	47	57	59	36	38	0.23	32	695	0.00			29	4.5	20.5
25	64	38	42	42	60	50	55	60	36	42	0.23	128	465	0.12			26	7.0	14.0
26	59	31	45	39	61	51	56	62	37	37	0.24	122	512	0.00			28	4.5	20.0
27	61	29	39	38	61	48	55	64	36	38	0.28	135	647	0.00			32	5.5	20.0
28	63	31	31	31	65	48	58	68	36	36	0.21	124	553	0.35			32	6.5	18.0
29	34	30	32	32	52	43	48	38	32	32	0.05	67	133	0.11	0.5	1	4		33.0
30	43	27	34	32	48	41	45	47	31	32	0.00	55	298	0.03			16		30.0
Totals	1925	1052	1260	1209	1757	1402	1590	1905	1141	1204	7.16	3832	14763	3.62	1.5		873	227.0	461.5
Avg.	64	35	42	40	59	47	53	64	38	40	0	128	492				29	8.7	15.4
Max	85	50	56	54	71	56	64	80	50	50	0.89	407	695	2.24			45	17.5	33.0
Min	34	25	31	30	45	38	42	38	30	30	0	0	80	0.00			4	0.5	0.0

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