

# April 2008

## Weather data collected at the KSU Northwest Research-Extension Center, Colby, Kansas.

Day	Air Temperature, F				Soil Temperature, F			Water Temperature, F			Evap. in.	Wind mi/d	Solar Rad., ly	Precip. in.	Snow in.	Depth in.	Air Temp Spread, F	GDU	HDU
	Max	Min	8:00	Wet-B	Max	Min	Avg	Max	Min	8:00									
1	47	20	24		52	41	47				148	339	0.01			27		31.5	
2	49	21	31	26	55	39	47				0.23	116	424	0.00			28		30.0
3	61	25	41	41	54	41	48	62	34	42	0.17	144	407	0.02			36	5.5	22.0
4	45	24	28	28	48	44	46	44	36	36	0.04	78	53	0.01			21		30.5
5	66	29	40	35	57	40	48	67	36	38	0.26	93	456	0.00			37	8.0	17.5
6	69	37	39	33	54	44	49	60	38	38	0.20	147	281	0.00			32	9.5	12.0
7	63	31	32	31	58	45	51	63	36	38	0.36	140	445	0.00			32	6.5	18.0
8	45	31	32	32	49	45	47	43	36	37	0.10	119	123	T			14		27.0
9	59	32	36	36	60	43	52	68	32	50	0.18	108	416	T			27	4.5	19.5
10	44	36	37	37	51	45	48	43	38	39	0.00	149	107	0.38			8		25.0
11	38	30	35	33	45	38	42	40	32	32	0.00	335	108	0.67	3.2	3	8		31.0
12	45	33	33	33	44	37	41	54	34	34	0.00	273	348	0.00			12		26.0
13	51	27	32	31	47	37	42	54	34	34	0.15	177	358	0.00			24	0.5	26.0
14	56	26	33	32	54	37	45	64	34	38	0.15	79	483	0.00			30	3.0	24.0
15	74	33	41	38	56	39	48	69	37	53	0.40	197	485	0.00			41	12.0	11.5
16	90	41	45	42	62	44	53	73	39	44	0.57	254	494	0.00			49	18.0	-0.5
17	63	34	34	34	62	50	56	68	38	38	0.37	209	417	0.31			29	6.5	16.5
18	42	31	33	33	54	42	48	42	36	36	0.02	133	99	0.19			11		28.5
19	65	33	46	42	59	39	49	70	34	40	0.15	63	501	0.00			32	7.5	16.0
20	80	45	50	45	62	44	53	74	40	46	0.41	225	495	0.00			35	15.0	2.5
21	86	39	40	35	65	50	58	74	40	57	0.57	210	494	0.00			47	18.0	2.5
22	62	28	34	32	64	50	57	68	38	38	0.28	127	501	0.00			34	6.0	20.0
23	70	34	46	45	67	48	58	73	38	44	0.30	78	506	0.00			36	10.0	13.0
24	72	43	46	45	60	52	56	66	44	53	0.22	231	200	0.00			29	11.0	7.5
25	80	36	39	37	73	55	64	83	40	62	0.28	262	471	0.02			44	15.0	7.0
26	59	29	44	41	63	53	58	64	40	40	0.29	109	478	0.00			30	4.5	21.0
27	54	25	32	31	55	49	52	n/a	n/a	na/	0.12	121	263	0.00			29	2.0	25.5
28	63	29	35	33	61	44	53	66	37	39	0.24	93	508	0.00			34	6.5	19.0
29	71	31	36	36	66	47	56	73	38	38	0.30	106	502	0.00			40	10.5	14.0
30	73	31	40	40	65	50	58	72	38	44	0.30	104	447	0.00			42	11.5	13.0
Totals	1842	944	1114	1037	1722	1332	1530	1697	997	1128	6.66	4628	11209	1.61	3.2		898	191.5	557.0
Avg.	61	31	37	36	57	44	51	63	37	42	0	154	374				30	8.7	18.6
Max	90	45	50	45	73	55	64	83	44	62	0.57	335	508	0.67			49	18.0	31.5
Min	38	20	24	26	44	37	41	40	32	32	0	63	53	0.00			8	0.5	-0.5

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