

# April 2007

## 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	58	32	38	36				58	38	38	0.25	154	591	0.00			26	4.0	20.0
2	73	37	42	42	65	41	53	69	38	44	0.26	112	761	0.00			36	11.5	10.0
3	79	37	37	34	73	47	60	77	41	41	0.26	120	799	0.00			42	14.5	7.0
4	53	24	25	25	65	49	57	62	38	38	0.18	116	826	0.00			29	1.5	26.5
5	47	25	30	29	62	43	53	59	36	36	0.21	86	675	0.00			22		29.0
6	35	22	23	23	49	40	45	38	32	32	0.00	108	154	0.02	1	1	13		36.5
7	35	18	22	21				46	31	31		115		0.00			17		38.5
8	35	20	28	28				48	30	32		72		0.00			15		37.5
9	49	27	33	33	46	37	42	42	30	34	0.30	148	368	t			22		27.0
10	50	33	41	41	53	39	49	55	34	39	0.02	182	490	0.06			17	0.0	23.5
11	59	33	38	34	51	42	47	55	36	36	0.15	181	516	t			26	4.5	19.0
12	53	20	25	25	52	39	46	55	36	36	0.15	143	652	t			33	1.5	28.5
13	49	25	31	31	51	36	44	53	45	45	0.19	113	538	0.26	1	1	24		28.0
14	35	27	31	30				38	34	34	0.00	68		0.45	4	2	8		34.0
15	60	36	36	34				67	34	37	0.18	69		0.00			24	5.0	17.0
16	65	35	44	42	58	38	48	68	38	42	0.27	224	894	0.00			30	7.5	15.0
17	73	42	44	44	67	44	56	75	42	46	0.30	130	884	0.00			31	11.5	7.5
18	55	33	38	38	54	48	51	55	41	41	0.09	69	247	0.00			22	2.5	21.0
19	69	38	49	48	66	43	55	70	41	46	0.32	200	875	0.00			31	9.5	11.5
20	67	47	55	55	68	51	60	73	46	52	0.25	123	785	0.00			20	8.5	8.0
21	77	54	65	55				77	66	68	0.32	250		0.00			23	15.5	-0.5
22	73	49	51	51				68	50	50	0.33	232		1.87			24	11.5	4.0
23	65	47	48	46	63	54	59	70	48	48	0.28	152	767	0.06			18	7.5	9.0
24	67	47	47	47	61	51	56	68	48	53	0.24	228	643	0.09			20	8.5	8.0
25	56	38	38	38	59	51	55	58	41	41	0.12	261	273	0.20			18	3.0	18.0
26	45	32	35	35	51	44	48	46	39	39	0.05	172	211	0.14			13		26.5
27	66	35	46	46	64	40	52	75	37	48	0.24	76	930	0.30			31	8.0	14.5
28	66	41	49	46				71	46	46	0.26	102		t			25	8.0	11.5
29	80	46	53	51				80	46	52	0.30	104		0.00			34	15.0	2.0
30	87	50	54	53	77	53	65	84	51	53	0.39	114	958	0.00			37	18.0	-3.5
Totals	1781	1050	1196	1161	1255	930	1101	1860	1213	1278	5.91	4224	13837	3.45	6		731	177.0	534.5
Avg.	59	35	40	39	60	44	52	62	40	43	0	141	629				24	8.0	17.8
Max	87	54	65	55	77	54	65	84	66	68	0.39	261	958	1.87			42	18.0	38.5
Min	35	18	22	21	46	36	42	38	30	31	0	68	154	0.00			8	0.0	-3.5

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