

April 2010

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	71	33	36	36	68	48	58	66	42	42	0.24	101	456	0.00			38	10.5	13.0
2	83	20	33	33	69	44	56	67	37	37	0.45	234	467	0.00			63	16.5	13.5
3	57	22	35	35	60	39	50	58	34	34	0.30	151	544	0.00			35	3.5	25.5
4	70	33	38	35	66	35	51	68	34	38	0.34	144	545	0.00			37	10.0	13.5
5	70	37	47	41	72	42	57	69	38	42	0.27	85	610	0.00			33	10.0	11.5
6	80	36	45	42	72	45	59	68	41	43	0.26	101	407	0.00			44	15.0	7.0
7	63	32	32	32	67	39	53	61	32	32	0.14	202	312	0.40			31	6.5	17.5
8	50	30	33	33	53	36	44	55	32	36	0.20	174	615	0.00			20	0.0	25.0
9	61	27	30	30	70	35	53	68	36	38	0.24	78	645	0.00			34	5.5	21.0
10	68	30	40	34	70	36	53	70	37	37	0.21	116	643	0.00			38	9.0	16.0
11	64	32	41	38	68	40	54	68	35	42	0.35	105	634	0.00			32	7.0	17.0
12	73	41	50	49	73	41	57	72	40	49	0.12	98	560	0.00			32	11.5	8.0
13	82	49	55	52	72	50	61	73	49	52	0.45	303	525	0.00			33	16.0	-0.5
14	77	46	47	47	71	54	63	70	49	49	0.43	279	526	0.56			31	13.5	3.5
15	70	46	51	51	69	51	60	69	49	51	0.15	109	334	0.00			24	10.0	7.0
16	73	43	43	42	76	51	63	79	46	46	0.20	114	475	0.14			30	11.5	7.0
17	58	30	39	38	68	47	58	66	40	40	0.18	76	541	0.00			28	4.0	21.0
18	60	38	45	42	72	39	56	66	38	40	0.33	85	608	0.00			22	5.0	16.0
19	65	42	46	46	74	45	59	69	41	45	0.23	135	615	0.08			23	7.5	11.5
20	57	40	43	43	58	46	52	54	44	44	0.03	86	168	0.07			17	3.5	16.5
21	59	43	48	48	61	44	52	60	44	49	0.05	73	244	0.00			16	4.5	14.0
22	69	48	52	52	78	49	64	74	49	52	0.22	97	518	0.84			21	9.5	6.5
23	61	47	48	47	61	54	58	60	49	49	0.09	165	166	0.24			14	5.5	11.0
24	59	42	50	48	60	46	53	59	44	44	0.13	142	310	0.15			17	4.5	14.5
25	51	36	42	40	53	45	49	52	39	39	0.10	232	242	T			15	0.5	21.5
26	66	39	40	37	71	39	55	70	38	41	0.38	169	684	0.00			27	8.0	12.5
27	60	30	35	34	64	43	53	60	38	38	0.25	181	621	0.00			30	5.0	20.0
28	64	35	46	44	77	37	57	72	36	42	0.30	126	704	0.00			29	7.0	15.5
29	86	43	46	42	79	48	63	76	42	44	0.45	194	636	0.00			43	18.0	0.5
30	70	36	39	38	81	50	66	78	42	42	0.26	114	660	0.14			34	10.0	12.0
Totals	1997	1106	1275	1229	2053	1318	1687	1997	1215	1277	7.35	4269	15015	2.62	0		891	248.5	398.5
Avg.	67	37	43	41	68	44	56	67	41	43	0	142	501				30	8.3	13.3
Max	86	49	55	52	81	54	66	79	49	52	0.45	303	704	0.84			63	18.0	25.5
Min	50	20	30	30	53	35	44	52	32	32	0.03	73	166	0.00			14	0.0	-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 am.