

April 2009

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	51	18	22		48	34	41				163	453	0.00			33	0.5	30.5	
2	59	18	21	21	51	32	42	59	32	46	0.23	124	334	0.01	0.5	T	41	4.5	26.5
3	57	20	38	33	55	36	46	61	31	33	0.15	78	480	0.00			37	3.5	26.5
4	70	35	35	34	57	39	48	64	27	38	0.37	215	474	0.00			35	10.0	12.5
5	52	22	24	32	52	40	46	49	32	32	ice	271	176	0.10	1.5	1	30	1.0	28.0
6	52	19	21	21	40	34	37	40	31	31	0.15	220	357	0.00			33	1.0	29.5
7	41	15	28	28	46	31	38	43	30	32	0.03	126	455	0.00			26		37.0
8	69	22	26	26	56	31	43	64	30	38	0.22	82	527	0.00			47	9.5	19.5
9	71	25	39	34	59	35	47	69	36	38	0.40	146	520	0.00			46	10.5	17.0
10	54	24	27	27	49	41	45	48	33	33	0.10	157	168	T			30	2.0	26.0
11	58	27	35	33	60	37	48	65	29	34	0.18	81	513	0.00			31	4.0	22.5
12	60	34	42	40	50	40	45	50	35	40	0.07	170	186	0.25			26	5.0	18.0
13	42	37	37	37	44	41	43	42	38	38	0.01	85	58	0.31			5		25.5
14	65	33	36	36	59	41	50	68	39	40	0.18	67	431	0.00			32	7.5	16.0
15	72	34	48	47	64	40	52	71	40	47	0.30	185	455	0.00			38	11.0	12.0
16	70	46	47	47	62	48	55	66	44	44	0.39	282	428	0.00			24	10.0	7.0
17	56	46	46	46	52	49	51	51	45	46	0.12	180	60	1.06			10	3.0	14.0
18	49	38	42	41	50	47	48	48	41	41	0.09	129	47	1.66			11		21.5
19	58	41	44	42	59	42	51	58	41	43	0.12	136	324	T			17	4.0	15.5
20	64	40	44	42	60	44	52	68	43	43	0.30	117	542	0.00			24	7.0	13.0
21	71	37	43	42	63	42	53	70	42	45	0.25	78	489	0.00			34	10.5	11.0
22	76	43	50	47	73	43	58	75	45	49	0.30	87	544	0.00			33	13.0	5.5
23	84	43	51	49	78	48	63	78	47	47	0.27	107	447	0.00			41	17.0	1.5
24	86	50	55	50	80	50	65	79	47	50	0.45	165	557	0.00			36	18.0	-3.0
25	74	38	39	36	78	54	66	78	40	40	0.30	108	483	0.00			36	12.0	9.0
26	44	38	42	42	57	49	53	48	39	42	0.09	94	153	0.02			6		24.0
27	70	35	37	35	72	48	60	71	39	39	0.30	163	447	0.00			35	10.0	12.5
28	55	34	37	37	69	48	58	66	38	39	0.24	91	447	0.00			21	2.5	20.5
29	58	36	56	56	56	46	51	53	39	53	0.06	213	214	T			22	4.0	18.0
30	77	52	53	53	79	53	66	81	53	55	0.26	135	457	0.03			25	14.5	0.5
Totals	1865	1000	1165	1114	1778	1263	1521	1783	1106	1196	5.93	4255	11226.4	3.44	2		865	195.5	517.5
Avg.	62	33	39	38	59	42	51	61	38	41	0	142	374				29	7.5	17.3
Max	86	52	56	56	80	54	66	81	53	55	0.45	282	557	1.66			47	18.0	37.0
Min	41	15	21	21	40	31	37	40	27	31	0.01	67	47	0.00			5	0.5	-3.0

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