

April 2011

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	62	33	37		48	41	45						357	0.00			29	6.0	17.5
2	68	32	51	47	53	42	48	80	38	40	0.15	36	549	0.00			36	9.0	15.0
3	83	50	56	46	56	44	50	67	39	44	0.51	188	571	0.00			33	16.5	-1.5
4	71	27	29	27	55	50	52	65	32	32	0.15	222	447	T			44	10.5	16.0
5	54	26	33	28	51	45	48	57	29	34	0.39	134	593	0.00			28	2.0	25.0
6	79	33	40	37	54	43	49	69	32	40	0.42	146	566	0.00			46	14.5	9.0
7	66	40	45	40	57	48	53	71	40	44	0.28	100	585	0.00			26	8.0	12.0
8	64	41	43	43	55	50	53	64	41	44	0.12	121	356	T			23	7.0	12.5
9	83	36	42	41	59	50	54	71	43	44	0.30	123	504	0.00			47	16.5	5.5
10	90	40	45	43	60	51	56				0.49	231	570	0.00			50	18.0	0.0
11	64	36	37	36	58	54	56	74	37	31	0.41	173	559	0.02			28	7.0	15.0
12	66	32	42	36	58	50	54	68	36	39	0.30	91	655	0.00			34	8.0	16.0
13	82	38	42	41	58	49	54	70	37	41	0.49	181	564	0.00			44	16.0	5.0
14	68	35	35	35	58	51	55	70	37	37	0.30	192	618	0.00			33	9.0	13.5
15	38	28	31	31	55	45	50	38	30	30	n/a	366	36	0.46	2.4	2	10		32.0
16	49	26	33	33	48	43	46	51	30	35	n/a	225	685	0.00			23		27.5
17	71	33	37	36	55	41	48	70	30	42	0.22	58	658	0.00			38	10.5	13.0
18	80	36	39	39	57	47	52	71	38	45	0.28	89	444	T			44	15.0	7.0
19	56	35	36	36	54	50	52	57	38	38	0.14	148	293	0.02			21	3.0	19.5
20	55	35	38	38	53	48	51	61	37	41	0.11	79	383	T			20	2.5	20.0
21	58	38	41	39	54	48	51	62	39	39	0.24	134	400	0.00			20	4.0	17.0
22	75	40	45	45	57	49	53	71	39	49	0.23	159	485	0.01			35	12.5	7.5
23	69	42	42	38	59	52	56	71	41	41	0.30	123	531	0.00			27	9.5	9.5
24	48	35	38	38	56	51	54	55	39	39	0.11	81	262	0.04			13		23.5
25	56	37	39	39	53	49	51	56	39	40	0.13	106	307	0.58			19	3.0	18.5
26	49	33	37	37	51	47	49	50	38	38	0.04	73	167	0.35			16		24.0
27	62	36	40	40	53	45	49	65	36	41	0.12	116	399	0.41			26	6.0	16.0
28	56	35	41	37	51	47	49	59	38	38	0.15	117	418	0.00			21	3.0	19.5
29	70	41	50	44	59	44	51	73	37	43	0.36	140	730	0.00			29	10.0	9.5
30	85	32	43	36	63	50	56	76	37	37	0.45	228	656	0.00			53	17.5	6.5
Totals	1977	1061	1207	1106	1658	1424	1545	1812	1027	1106	7.19	4180	14348	1.89	2.4		916	244.5	431.0
Avg.	66	35	40	38	55	47	52	65	37	40	0	144	478				31	9.4	14.4
Max	90	50	56	47	63	54	56	80	43	49	0.51	366	730	0.58			53	18.0	32.0
Min	38	26	29	27	48	41	45	38	29	30	0.04	36	36	0.00			10	2.0	-1.5

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