

May 2013

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	72	36	36	36	64	56	60	74	39	39	0.43	245	644	0.02			36	11.0	11.0
2	46	28	29	28	61	47	54	41	31	31	frozen	234	139	0.12	3.5	3	18		28.0
3	50	25	32	30	47	42	45	54	31	31	0.00	87	595	0.00			25	0.0	27.5
4	59	25	34	31	51	41	46	67	35	36	0.15	80	694	0.00			34	4.5	23.0
5	60	34	37	35	52	42	47	64	35	36	0.41	139	708	0.00			26	5.0	18.0
6	66	32	42	41	56	43	50	71	35	43	0.30	52	679	0.00			34	8.0	16.0
7	74	42	52	49	59	47	53	73	43	49	0.39	134	630	0.00			32	12.0	7.0
8	79	50	53	52	61	53	57	72	49	51	0.22	155	463	0.07			29	14.5	0.5
9	76	47	50	48	64	55	59	78	51	51	0.32	99	580	0.02			29	13.0	3.5
10	67	39	46	46	59	55	57	67	45	46	0.15	88	356	0.12			28	8.5	12.0
11	70	46	48	46	60	51	56	72	45	48	0.22	75	547	0.21			24	10.0	7.0
12	68	45	53	48	63	52	57	75	45	45	0.30	110	644	0.00			23	9.0	8.5
13	81	47	58	52	67	53	60	78	45	51	0.42	85	656	0.00			34	15.5	1.0
14	93	49	64	54	71	57	64	85	51	57	0.30	40	610	0.00			44	18.0	-6.0
15	98	57	61	53	71	61	66	83	57	57	0.45	74	475	0.00			41	21.5	-12.5
16	86	55	61	56	72	63	68	80	57	57	0.39	103	576	T			31	20.5	-5.5
17	86	56	61	60	71	64	67	79	56	57	0.34	119	456	0.22			30	21.0	-6.0
18	86	61	68	67	73	61	67	84	57	64	0.32	183	679	0.00			25	23.5	-8.5
19	88	55	57	53	72	66	69	81	54	54	0.33	137	341	0.00			33	20.5	-6.5
20	75	48	56	52	70	63	66	76	49	51	0.45	133	604	0.00			27	12.5	3.5
21	73	47	53	48	67	61	64	73	46	46	0.42	230	677	0.00			26	11.5	5.0
22	72	40	48	46	66	59	63	73	44	46	0.39	152	683	0.00			32	11.0	9.0
23	76	47	48	47	71	58	65	82	47	50	0.32	105	716	0.02			29	13.0	3.5
24	74	47	56	55	69	62	65	76	51	55	0.30	166	576	0.00			27	12.0	4.5
25	85	56	62	58	70	63	67	83	55	56	0.44	196	458	0.00			29	20.5	-5.5
26	93	61	65	62	75	65	70	87	56	61	0.51	196	563	0.00			32	23.5	-12.0
27	97	58	68	65	77	67	72	87	60	62	0.45	120	622	0.00			39	22.0	-12.5
28	83	58	59	59	76	69	72	86	60	60	0.44	95	521	0.00			25	20.5	-5.5
29	86	59	67	62	77	68	72	85	59	61	0.33	141	574	0.00			27	22.5	-7.5
30	90	49	55	54	75	66	70	83	52	53	0.56	149	404	0.78			41	18.0	-4.5
31	73	50	57	52	68	61	64	74	53	53	0.34	75	530	0.08			23	11.5	3.5
Totals	2382	1449	1636	1545	2055	1771	1912	2343	1493	1557	10.39	3997	17400	1.66	3.5		933	434.5	99.5
Avg.	77	47	53	50	66	57	62	76	48	50	0.35	129	561				30	14.5	3.2
Max	98	61	68	67	77	69	72	87	60	64	0.56	245	716	0.78			44	23.5	28.0
Min	46	25	29	28	47	41	45	41	31	31	0.00	40	139	0.00			18	0.0	-12.5

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