

July 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	106	61	72	61	85	77	81	89	63	63	0.67	136	649	0.00			45	23.5	-18.5
2	95	69	69	67	86	77	82	91	63	66	0.42	94	747	0.02			26	27.5	-17.0
3	95	59	65	62	84	77	81	88	60	61	0.62	131	598	0.87			36	22.5	-12.0
4	89	60	67	64	81	72	77	93	62	65	0.37	61	748	0.00			29	23.0	-9.5
5	97	62	72	65	84	73	79	92	64	65	0.51	60	772	0.00			35	24.0	-14.5
6	100	64	65	65	87	75	81	92	65	65	0.47	93	748	0.04			36	25.0	-17.0
7	88	63	64	64	84	77	80	86	65	66	0.46	83	520	0.55			25	24.5	-10.5
8	87	64	68	67	84	74	79	91	66	68	0.38	69	747	0.00			23	25.0	-10.5
9	91	66	69	67	84	74	79	88	66	66	0.35	123	560	0.15			25	26.0	-13.5
10	93	67	73	70	88	75	81	95	66	69	0.32	64	706	0.03			26	26.5	-15.0
11	101	68	68	67	89	77	83	95	68	68	0.45	82	626	0.23			33	27.0	-19.5
12	94	67	68	66	86	77	82	91	67	67	0.39	80	616	0.00			27	26.5	-15.5
13	87	66	68	68	85	76	80	89	66	67	0.20	98	489	0.19			21	26.0	-11.5
14	88	65	73	70	83	76	79	90	73	73	0.25	88	481	0.03			23	25.5	-11.5
15	99	71	73	70	88	75	82	92	67	69	0.05	106	717	0.29			28	28.5	-20.0
16	98	70	73	71	89	77	83	98	68	68	0.35	73	657	0.00			28	28.0	-19.0
17	103	71	78	72	90	78	84	92	68	68	0.56	130	680	0.00			32	28.5	-22.0
18	102	66	74	67	91	79	85	92	66	66	0.66	91	734	0.00			36	26.0	-19.0
19	101	71	77	67	90	80	85	92	66	67	0.61	127	718	0.00			30	28.5	-21.0
20	102	65	75	67	90	80	85	92	66	66	0.67	132	726	0.00			37	25.5	-18.5
21	101	66	72	68	91	80	86	94	66	67	0.65	115	722	0.79			35	26.0	-18.5
22	89	63	69	68	87	76	81	88	65	66	0.56	76	465	1.51			26	24.5	-11.0
23	94	67	74	70	82	73	77	93	66		0.40	117	704	0.00			27	26.5	-15.5
24	97	72	74	68	85	74	79	90	68	68	0.38	102	542	0.00			25	29.0	-19.5
25	88	64	69	69	85	77	81	90	67	67	0.25	54	416	0.00			24	25.0	-11.0
26	96	66	73	69	89	76	83	96	67	68	0.41	73	691	0.00			30	26.0	-16.0
27	100	67	73	67	89	78	84	91	67	68	0.60	139	690	0.00			33	26.5	-18.5
28	99	67	70	68	91	80	85	97	68	68	0.46	75	663	0.60			32	26.5	-18.0
29	90	66	68	66	84	78	81	91	66	66	0.26	84	534	0.46			24	26.0	-13.0
30	88	66	71	70	83	75	79	91	66	69	0.30	52	621	0.00			22	26.0	-12.0
31	94	70	74	71	87	75	81	95	68	77	0.34	68	683	0.00			24	28.0	-17.0
Totals	2952	2049	2198	2091	2681	2368	2525	2844	2049	2017	13.37	2876	19970	5.76	0		903	807.5	-485.5
Avg.	95	66	71	67	86	76	81	92	66	67	0.43	93	644				29	26.0	-15.7
Max	106	72	78	72	91	80	86	98	73	77	0.67	139	772	1.51			45	29.0	-9.5
Min	87	59	64	61	81	72	77	86	60	61	0.05	52	416	0.00			21	22.5	-22.0

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