

August 2008

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	96	67	71	70	90	70	80	91	62	68	0.33	94	594	0.00			29	26.5	-16.5
2	99	67	69	63	92	74	83	82	64	64	0.48	111	557	0.00			32	26.5	-18.0
3	102	69	74	72	92	75	83	88	64	70	0.62	161	611	0.00			33	27.5	-20.5
4	99	69	73	73	93	75	84	91	66	66	0.64	130	599	0.00			30	27.5	-19.0
5	94	65	70	69	92	78	85	91	66	66	0.43	97	484	0.56			29	25.5	-14.5
6	84	66	68	68	84	73	79	85	66	66	0.45	92	319	0.00			18	25.0	-10.0
7	85	62	63	63	90	70	80	86	64	64	0.27	100	472	1.23			23	23.5	-8.5
8	75	63	65	65	79	66	73	77	64	66	0.06	35	272	0.08			12	19.0	-4.0
9	77	65	67	66	77	67	72	78	66	66	0.10	98	245	0.32			12	21.0	-6.0
10	82	65	66	66	82	67	75	86	66	67	0.23	80	548	0.01			17	23.5	-8.5
11	76	63	66	66	81	68	75	82	66	66	0.21	66	405	0.00			13	19.5	-4.5
12	83	59	63	63	90	67	79	88	62	62	0.26	59	568	0.06			24	21.0	-6.0
13	86	62	66	64	96	65	80	90	62	63	0.30	78	677	0.00			24	24.0	-9.0
14	87	55	59	59	96	68	82	87	59	59	0.40	94	702	0.00			32	20.5	-6.0
15	81	58	59	59	93	67	80	84	59	62	0.28	58	622	0.00			23	19.5	-4.5
16	76	58	60	60	81	68	74	75	60	60	0.11	62	324	0.01			18	17.0	-2.0
17	77	59	63	62	86	66	76	77	60	61	0.18	62	375	T			18	18.0	-3.0
18	69	57	62	62	76	65	69	68	61	61	0.09	22	149	0.78			12	13.0	2.0
19	74	54	57	57	76	63	70	76	59	59	0.15	51	389	T			20	14.0	1.0
20	79	55	58	58	82	60	71	82	58	58	0.26	86	680	0.00			24	17.0	-2.0
21	79	57	60	60	83	61	72	79	58	59	0.26	116	526	0.00			22	18.0	-3.0
22	88	60	65	65	91	62	77	87	58	64	0.28	133	648	0.00			28	23.0	-9.0
23	87	61	64	59	94	67	81	88	61	61	0.32	107	666	0.00			26	23.5	-9.0
24	77	60	65	64	83	68	76	77	60	62	0.28	92	389	0.00			17	18.5	-3.5
25	86	63	64	64	91	69	80	86	62	64	0.30	122	543	0.00			23	24.5	-9.5
26	87	61	63	60	91	70	81	84	59	59	0.38	146	559	0.00			26	23.5	-9.0
27	91	60	64	63	91	68	80	85	59	64	0.36	127	625	0.00			31	23.0	-10.5
28	84	61	63	60	90	70	80	85	64	64	0.13	39	388	0.00			23	22.5	-7.5
29	82	49	54	54	90	68	79	83	57	57	0.30	85	549	0.00			33	16.0	-0.5
30	85	54	62	61	91	63	77	84	57	59	0.34	86	646	0.00			31	19.5	-4.5
31	89	62	67	65	89	67	78	84	59	62	0.42	179	588	0.00			27	24.0	-10.5
Totals	2616	1886	1990	1960	2712	2105	2411	2586	1908	2526	9.22	2868	15719	3.05	0		730	665.0	-236.0
Avg.	84	61	64	63	87	68	78	83	62	81	0.30	93	507				24	21.5	-7.6
Max	102	69	74	73	96	78	85	91	66	64	0.64	179	702	1.23			33	27.5	2.0
Min	69	49	54	54	76	60	69	68	57	57	0.06	22	149	0.00			12	13.0	-20.5

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