

# August 2009

## 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	87	55	63	59	92	61	76	88	58	60	0.36	115	586	0.00			32	20.5	-6.0
2	84	60	67	63	93	65	79	87	58	60	0.30	77	639	0.00			24	22.0	-7.0
3	100	62	66	64	96	67	81	92	60	63	0.45	98	586	0.00			38	24.0	-16.0
4	101	58	65	63	99	70	85	93	63	64	0.40	63	593	0.00			43	22.0	-14.5
5	89	63	66	66	98	72	85	91	64	64	0.35	79	585	0.00			26	24.5	-11.0
6	86	64	67	66	98	73	85	87	65	66	0.34	108	493	0.00			22	25.0	-10.0
7	88	67	73	66	94	73	84	84	64	64	0.30	128	437	0.00			21	26.5	-12.5
8	97	67	72	66	106	72	89	92	64	64	0.48	143	589	0.00			30	26.5	-17.0
9	88	66	67	66	103	73	88	86	64	66	0.38	112	603	0.00			22	26.0	-12.0
10	86	58	60	60	102	75	88	90	62	62	0.36	74	461	0.52			28	22.0	-7.0
11	85	56	65	65	91	66	79	90	61	61	0.38	68	562	0.63			29	20.5	-5.5
12	90	64	69	68	93	63	78	90	61	64	0.41	72	561	0.00			26	25.0	-12.0
13	94	59	62	60	101	67	84	91	62	62	0.42	112	558	0.00			35	22.5	-11.5
14	93	62	69	66	100	67	83	89	62	64	0.42	110	560	0.00			31	24.0	-12.5
15	92	64	66	65	96	70	83	86	64	64	0.32	133	414	0.66			28	25.0	-13.0
16	90	59	62	60	92	67	80	93	60	60	0.36	87	564	0.06			31	22.5	-9.5
17	79	55	57	57	93	64	78	86	58	58	0.43	83	584	0.38			24	17.0	-2.0
18	77	57	60	59	80	62	71	82	58	60	0.18	59	470	0.00			20	17.0	-2.0
19	84	53	59	59	94	63	78	86	57	51	0.29	103	476	0.14			31	18.5	-3.5
20	84	55	58	58	90	60	75	85	56	58	0.37	92	651	0.11			29	19.5	-4.5
21	80	47	51	51	87	62	75	79	54	54	0.38	89	667	0.00			33	15.0	1.5
22	79	49	56	55	93	58	75	85	55	55	0.22	48	574	0.00			30	14.5	1.0
23	85	55	61	59	93	61	77	84	54	58	0.39	135	564	0.00			30	20.0	-5.0
24	91	62	68	65	95	65	80	86	58	64	0.40	151	539	0.00			29	24.0	-11.5
25	96	64	66	66	100	69	85	91	64	65	0.33	83	508	0.03			32	25.0	-15.0
26	82	63	64	64	92	71	82	85	65	65	0.29	77	491	0.63			19	22.5	-7.5
27	79	61	62	62	85	68	77	86	65	65	0.19	40	477	T			18	20.0	-5.0
28	82	55	58	58	91	67	79	88	60	60	0.24	27	519	0.00			27	18.5	-3.5
29	86	51	58	57	91	62	76	82	58	58	0.30	89	625	0.00			35	18.5	-3.5
30	73	54	55	55	85	62	73	75	56	56	0.16	47	314	0.07			19	13.5	1.5
31	66	54	57	54	69	60	64	65	52	52	0.17	87	220	0.10			12	10.0	5.0
Totals	2673	1819	1949	1902	2892	2055	2472	2674	1862	1887	10.37	2789	16470	3.33	0		854	652.0	-231.0
Avg.	86	59	63	61	93	66	80	86	60	61	0.33	90	531				28	21.0	-7.5
Max	101	67	73	68	106	75	89	93	65	66	0.48	151	667	0.66			43	26.5	5.0
Min	66	47	51	51	69	58	64	65	52	51	0.16	27	220	0.00			12	10.0	-17.0

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