

August 2006

Weather data collected at the KSU Northwest Research-Extension Center, Colby, Kansas.

Day	Air Temperature, F				Soil Temperature, F			Water Temperature, F			Evap. in.	Wind mi/d	Solar Rad., ly	Precip. in.	Snow in.	Depth in.	Air Temp Spread, F	GDU	HDU
	Max	Min	8:00	Wet-B	Max	Min	Avg	Max	Min	8:00									
1	101	68	71	69	92	79	86	92	67	68	0.61	148	600	0.00		33	27.0	-19.5	
2	93	68	69	69	93	80	87	93	67	70	0.37	67	566	1.26		25	27.0	-15.5	
3	87	58	64	64	85	73	79	89	65	66	0.23	57	473	0.00		29	22.0	-7.5	
4	89	62	67	63	83	70	77	88	62	62	0.45	84	657	0.00		27	24.0	-10.5	
5	94	66	74	67	87	69	78	88	62	64	0.47	172	570	0.00		28	26.0	-15.0	
6	93	69	71	69	93	73	83	92	64	70	0.36	74	544	0.06		24	27.5	-16.0	
7	92	68	68	68	93	75	84	93	69	69	0.39	85	553	0.10		24	27.0	-15.0	
8	93	68	69	69	92	76	84	92	68	68	0.33	109	484	0.10		25	27.0	-15.5	
9	99	63	71	65	90	74	82	92	65	65	0.40	77	481	0.00		36	24.5	-16.0	
10	101	62	65	65	94	74	84	96	64	64	0.29	60	464	0.22		39	24.0	-16.5	
11	94	62	68	67	89	71	80	90	64	66	0.30	47	515	0.00		32	24.0	-13.0	
12	95	65	69	69	93	72	83	92	64	64	0.45	94	634	0.00		30	25.5	-15.0	
13	97	67	68	68	90	74	82	88	64	68	0.52	155	580	0.22		30	26.5	-17.0	
14	83	63	63	59	83	75	79	85	65	65	0.23	82	382	t		20	23.0	-8.0	
15	85	51	58	58	90	72	81	86	60	60	0.37	63	614	0.00		34	18.0	-3.0	
16	84	58	68	67	86	70	78	84	60	67	0.30	112	534	0.00		26	21.0	-6.0	
17	90	62	67	67	86	74	80	86	66	66	0.25	75	372	0.05		28	24.0	-11.0	
18	95	64	67	66	90	71	81	93	66	67	0.25	48	457	0.00		31	25.0	-14.5	
19	96	62	63	62	93	74	84	93	64	64	0.33	79	535	0.06		34	24.0	-14.0	
20	77	61	64	63	81	74	78	76	64	64	0.12	63	217	t		16	19.0	-4.0	
21	80	63	65	65	80	71	76	79	64	66	0.15	77	292	0.00		17	21.5	-6.5	
22	87	56	61	61	90	72	81	91	64	64	0.30	47	530	0.00		31	21.0	-6.5	
23	88	61	64	64	88	72	80	87	62	62	0.36	90	561	0.00		27	23.5	-9.5	
24	97	57	63	62	91	72	82	91	62	63	0.39	78	598	0.00		40	21.5	-12.0	
25	98	64	67	58	92	73	83	90	63	63	0.39	61	544	0.00		34	25.0	-16.0	
26	76	56	60	60	81	68	75	69	59	59	0.12	88	143	0.37		20	16.0	-1.0	
27	75	58	64	64	75	66	71	76	58	64	0.12	68	294	0.00		17	16.5	-1.5	
28	79	53	58	58	80	68	74	80	59	59	0.19	45	323	t		26	16.0	-1.0	
29	73	47	48	48	75	65	70	75	54	54	0.17	96	306	0.00		26	11.5	5.0	
30	77	48	59	57	83	62	73	84	54	56	0.27	61	557	0.00		29	13.5	2.5	
31	86	57	59	59	82	65	74	83	56	58	0.37	167	564	0.00		29	21.5	-6.5	
Totals	2754	1887	2012	1970	2700	2224	2469	2693	1945	1985	9.85	2629	14944	2.44	0	867	693.5	-305.5	
Avg.	89	61	65	64	87	72	80	87	63	64	0.32	85	482			28	22.4	-9.9	
Max	101	69	74	69	94	80	87	96	69	70	0.61	172	657	1.26		40	27.5	5.0	
Min	73	47	48	48	75	62	70	69	54	54	0.12	45	143	0.00		16	11.5	-19.5	

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