

# July 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	93	57	66	63	99	71	85	89	61	62	0.36	69	685	0.08			36	21.5	-10.0
2	92	63	65	65	98	69	84	88	62	63	0.50	102	746	0.00			29	24.5	-12.5
3	85	65	67	65	99	72	85	89	63	65	0.36	93	683	T			20	25.0	-10.0
4	88	64	71	68	100	74	87	92	65	68	0.51	63	584	1.03			24	25.0	-11.0
5	83	55	62	61	85	69	77	88	62	62	0.40	82	702	0.00			28	19.0	-4.0
6	80	57	64	64	94	64	79	90	62	64	0.38	45	656	0.00			23	18.5	-3.5
7	88	59	63	63	96	67	82	88	61	62	0.35	92	664	0.20			29	22.5	-8.5
8	91	63	75	65	98	66	82	92	61	66	0.41	59	719	0.00			28	24.5	-12.0
9	96	66	68	68	101	71	86	92	66	68	0.42	93	693	0.00			30	26.0	-16.0
10	86	68	69	69	95	74	84	90	67	70	0.23	63	446	T			18	27.0	-12.0
11	93	67	70	67	101	76	88	96	69	69	0.28	73	566	0.06			26	26.5	-15.0
12	89	64	71	67	93	74	84	88	66	66	0.42	105	483	0.53			25	25.0	-11.5
13	91	64	70	67	94	70	82	97	66	66	0.34	57	619	0.12			27	25.0	-12.5
14	90	63	71	70	97	70	84	93	65	66	0.51	94	631	0.70			27	24.5	-11.5
15	93	65	66	63	85	69	77	90	66	66	0.43	88	659	0.03			28	25.5	-14.0
16	83	62	65	65	92	69	80	88	64	64	0.27	81	549	0.00			21	22.5	-7.5
17	82	63	64	64	93	68	81	87	64	64	0.28	71	488	0.06			19	22.5	-7.5
18	80	55	63	62	81	65	73	76	61	61	0.12	73	352	0.12			25	17.5	-2.5
19	82	58	64	62	96	63	80	92	60	60	0.30	59	643	0.00			24	20.0	-5.0
20	92	62	68	65	95	66	80	86	61	64	0.50	182	617	0.07			30	24.0	-12.0
21	91	60	60	60	98	70	84	91	63	63	0.38	89	569	T			31	23.0	-10.5
22	81	56	62	60	94	71	82	85	59	59	0.30	62	595	0.00			25	18.5	-3.5
23	89	58	64	63	96	68	82	88	59	59	0.42	121	625	0.12			31	22.0	-8.5
24	92	59	66	65	97	66	81	89	59	61	0.39	75	591	0.00			33	22.5	-10.5
25	97	65	65	62	101	69	85	94	61	64	0.40	81	640	T			32	25.5	-16.0
26	77	62	71	65	87	73	80	78	64	65	0.21	41	357	T			15	19.5	-4.5
27	92	61	70	66	100	71	86	94	65	66	0.36	35	603	0.00			31	23.5	-11.5
28	91	62	64	64	99	73	86	90	66	66	0.37	66	546	0.10			29	24.0	-11.5
29	74	54	57	57	83	69	76	78	59	59	0.17	57	294	0.36			20	14.0	1.0
30	78	51	57	57	81	64	73	78	58	58	0.16	61	352	0.22			27	14.5	0.5
31	76	51	60	59	82	61	72	80	58	58	0.23	55	545	T			25	13.5	1.5
Totals	2695	1879	2038	1981	2910	2142	2527	2736	1943	1974	10.76	2387	17902	3.8	0		816	687.0	-272.0
Avg.	87	61	66	64	94	69	82	88	63	64	0.35	77	577				26	22.2	-8.8
Max	97	68	75	70	101	76	88	97	69	70	0.51	182	746	1.03			36	27.0	1.5
Min	74	51	57	57	81	61	72	76	58	58	0.12	35	294	0.00			15	13.5	-16.0

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