

# July 2010

## 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	59	66	61	101	72	71	66	60	61	0.55	129	727	0.00	0	0	34	22.5	-11.0
2	90	66	71	69	96	70	83	67	61	67	0.55	223	716	0.00	0	0	24	26.0	-13.0
3	98	68	72	69	97	74	86	72	67	68	0.52	278	695	0.00			30	27.0	-18.0
4	97	63	65	65	100	75	87	91	65	65	0.53	218	647	T			34	24.5	-15.0
5	77	57	60	60	85	73	79	67	60	60	0.36	117	310	1.62			20	17.0	-2.0
6	84	57	65	65	87	64	75	67	61	65	0.26	51	698	0.00			27	20.5	-5.5
7	87	60	60	60	95	62	78	65	63	65	0.44	89	737	0.18			27	23.0	-8.5
8	73	59	62	62	76	65	70	65	62	63	0.19	64	341	0.01			14	16.0	-1.0
9	74	61	65	65	82	64	73	65	62	65	0.17	37	338	0.02			13	17.5	-2.5
10	84	55	70	67	96	65	81	74	63	65	0.29	81	608	1.30			29	19.5	-4.5
11	90	62	67	61	85	64	74	74	63	63	0.38	141	637	0.04			28	24.0	-11.0
12	92	66	67	66	99	63	81	69	62	69	0.36	62	759	0.06			26	26.0	-14.0
13	87	66	71	66	101	69	85	67	66	67	0.38	85	703	T			21	26.0	-11.5
14	103	71	75	75	107	69	88	71	66	71	0.45	105	751	0.00			32	28.5	-22.0
15	96	68	69	67	100	76	88	91	68	68	0.41	91	599	0.00			28	27.0	-17.0
16	88	68	71	71	102	75	89	92	68	71	0.23	56	493	0.00			20	27.0	-13.0
17	98	65	75	72	105	75	90	92	69	69	0.39	9	724	0.00			33	25.5	-16.5
18	101	67	74	67	106	75	91	97	67	67	0.47	108	686	0.00			34	26.5	-19.0
19	97	64	69	68	104	76	90	93	66	66	0.43	100	632	0.13			33	25.0	-15.5
20	96	66	69	69	107	73	90	96	66	68	0.40	75	706	0.00			30	26.0	-16.0
21	78	68	69	69	85	74	80	80	67	69	0.18	95	329	0.28			10	23.0	-8.0
22	91	65	72	72	96	72	84	90	67	67	0.36	126	456	0.00			26	25.5	-13.0
23	94	66	72	70	106	71	88	98	67	68	0.32	62	657	0.17			28	26.0	-15.0
24	93	68	70	67	103	71	87	94	68	68	0.35	75	643	0.16			25	27.0	-15.5
25	82	60	67	65	98	72	85	89	64	65	0.37	74	664	0.00			22	21.0	-6.0
26	86	66	69	68	97	69	83	90	65	68	0.30	79	525	0.00			20	26.0	-11.0
27	90	68	72	69	98	73	86	89	65	66	0.49	149	670	0.00			22	27.0	-14.0
28	93	64	72	69	100	73	87	90	65	66	0.45	110	718	0.00			29	25.0	-13.5
29	93	66	70	70	104	74	89	95	66	69	0.40	67	681	0.00			27	26.0	-14.5
30	92	65	74	71	105	75	90	95	68	69	0.39	74	693	0.00			27	25.5	-13.5
31	92	69	73	70	105	75	90	90	69	70	0.35	65	687	0.00			23	27.5	-15.5
Totals	2789	1993	2143	2085	3028	2198	2598	2541	2016	2068	11.72	3095	19230	3.97	0		796	754.5	-376.0
Avg.	90	64	69	67	98	71	84	82	65	67	0.38	100	620				26	24.3	-12.1
Max	103	71	75	75	107	76	91	98	69	71	0.55	278	759	1.62			34	28.5	-1.0
Min	73	55	60	60	76	62	70	65	60	60	0.17	9	310	0.00			10	16.0	-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.