

September 2007

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	88	61	66	60	88	70	79	86	60	61	0.36	102	467	0.00			27	23.5	-9.5
2	90	58	63	60	88	71	80	87	60	60	0.42	106	451	0.00			32	22.0	-9.0
3	94	59	63	59	90	71	81	88	59	59	0.41	74	444	0.00			35	22.5	-11.5
4	92	58	58	58	89	72	81	85	56	56	0.47	82	452	0.00			34	22.0	-10.0
5	92	58	64	62	87	70	79	84	56	61	0.40	115	454	0.00			34	22.0	-10.0
6	93	60	64	64	88	72	80	86	61	64	0.41	104	439	0.00			33	23.0	-11.5
7	93	57	69	55	92	73	83	89	61	61	0.37	49	395	0.00			36	21.5	-10.0
8	83	53	56	56	90	73	82	85	56	56	0.25	72	423	0.00			30	18.0	-3.0
9	87	50	51	49	87	71	79	84	52	52	0.37	140	368	0.00			37	18.0	-3.5
10	55	49	49	49	76	69	72	57	51	51	0.08	80	96	0.75			6	2.5	13.0
11	62	44	48	48	71	61	66	62	47	47	0.18	80	181	0.11			18	6.0	12.0
12	80	46	50	49	80	56	68	80	45	51	0.24	48	436	0.00			34	15.0	2.0
13	85	51	54	53	80	59	70	80	51	53	0.39	151	421	0.00			34	18.0	-3.0
14	70	46	50	46	80	62	71	74	51	51	0.30	90	385	0.00			24	10.0	7.0
15	65	50	53	47	74	63	68	66	49	49	0.20	86	248	0.05			15	7.5	7.5
16	83	49	51	50	76	60	68	77	49	52	0.28	105	336	T			34	16.5	-1.0
17	92	50	66	63	84	63	73	85	52	60	0.27	84	397	0.01			42	18.0	-6.0
18	88	58	58	58	81	67	74	80	58	58	0.30	126	309	0.02			30	22.0	-8.0
19	84	53	54	54	83	66	75	80	55	55	0.35	115	401	0.00			31	18.5	-3.5
20	78	54	65	65	79	66	73	77	55	64	0.15	154	266	T			24	16.0	-1.0
21	93	65	65	63	83	68	76	84	64	64	0.45	210	382	0.00			28	25.5	-14.0
22	88	51	53	50	85	71	78	78	52	51	0.30	87	333	0.00			37	18.5	-4.5
23	85	52	67	63	82	65	73	80	50	62	0.33	158	339	0.00			33	18.5	-3.5
24	89	63	63	63	82	70	76	81	62	62	0.47	195	347	0.05			26	24.5	-11.0
25	86	43	46	46	83	70	77	82	48	48	0.38	121	364	0.00			43	18.0	0.5
26	71	41	44	44	81	65	73	72	47	47	0.24	60	385	0.00			30	10.5	9.0
27	79	40	43	41	79	61	70	72	46	46	0.24	58	375	0.00			39	14.5	5.5
28	82	44	59	57	81	60	70	74	46	51	0.33	75	383	0.00			38	16.0	2.0
29	86	59	66	63	76	64	70	75	51	61	0.29	245	270	T			27	22.5	-7.5
30	88	55	56	51	78	67	73	77	57	57	0.36	242	266	0.99			33	20.5	-6.5
Totals	2501	1577	1714	1646	2473	1996	2238	2367	1607	1670	9.59	3414	10813	1.98	0		924	531.5	-89.0
Avg.	83	53	57	55	82	67	75	79	54	56	0.32	114	360				31	17.7	-3.0
Max	94	65	69	65	92	73	83	89	64	64	0.47	245	467	0.99			43	25.5	13.0
Min	55	40	43	41	71	56	66	57	45	46	0.08	48	96	0.00			6	2.5	-14.0

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