

September 2004

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	92	51	58	57	86	71	79	86	56	56	0.37	70	562	0.00			41	18.5	-6.5
2	89	57	61	57	84	70	77	84	56	56	0.40	117	585	0.00			32	21.5	-8.0
3	90	60	62	57	84	70	77	82	56	56	0.46	174	608	0.00			30	23.0	-10.0
4	88	63	66	62	83	71	77	80	56	60	0.50	241	592	0.00			25	24.5	-10.5
5	91	60	63	63	83	71	77	84	58	62	0.24	96	418	0.00			31	23.0	-10.5
6	79	48	52	52	78	69	74	75	50	50	0.38	132	591	0.00			31	14.5	1.5
7	83	49	55	51	82	65	74	82	50	50	0.32	53	603	0.00			34	16.5	-1.0
8	86	58	59	52	80	66	73	78	50	50	0.45	168	596	0.00			28	22.0	-7.0
9	87	54	56	56	80	67	74	78	50	52	0.53	170	595	0.00			33	20.0	-5.5
10	92	56	63	53	81	67	74	78	50	50	0.57	166	592	0.00			36	21.0	-9.0
11	91	51	58	55	81	68	75	81	51	51	0.49	126	555	0.00			40	18.5	-6.0
12	90	49	53	52	84	67	76	84	51	54	0.30	49	586	0.00			41	18.0	-4.5
13	98	52	73	63	83	68	76	82	56	60	0.60	160	564	0.00			46	19.0	-10.0
14	99	60	61	59	85	73	79	84	58	55	0.43	117	485	0.00			39	23.0	-14.5
15	91	53	54	53	86	71	79	88	52	52	0.48	107	558	0.52			38	19.5	-7.0
16	72	44	49	48	76	66	71	72	50	50	0.26	84	600	0.00			28	11.0	7.0
17	84	49	61	61	77	61	69	78	50	60	0.32	142	562	0.00			35	17.0	-1.5
18	90	61	70	61	83	67	75	88	59	59	0.25	79	485	0.00			29	23.5	-10.5
19	98	68	68	64	83	69	76	81	58	60	0.54	218	530	0.00			30	27.0	-18.0
20	85	64	67	67	78	71	75	76	60	64	0.35	275	335	0.13			21	24.5	-9.5
21	84	62	62	60	75	69	72	74	62	62	0.29	251	267	0.03			22	23.0	-8.0
22	62	45	45	45	71	63	67	62	46	46	0.14	155	125	0.76			17	6.0	11.5
23	50	41	43	43	63	51	57	48	40	40	0.06	79	67	1.01			9	0.0	19.5
24	72	41	47	46	61	49	55	68	42	46	0.27	86	543	0.03			31	11.0	8.5
25	78	47	51	51	65	51	58	72	46	52	0.10	47	368	0.10			31	14.0	2.5
26	77	50	58	56	66	56	61	72	52	54	0.18	40	419	0.00			27	13.5	1.5
27	77	56	57	57	66	56	61	72	52	56	0.19	71	369	0.00			21	16.5	-1.5
28	79	52	52	50	70	59	65	74	52	52	0.16	96	359	0.01			27	15.5	-0.5
29	64	52	54	54	66	58	62	64	52	52	0.15	87	259	0.00			12	8.0	7.0
30	72	53	55	53	69	59	64	72	50	50	0.20	161	357	0.00			19	12.5	2.5
Totals	2490	1606	1733	1658	2309	1939	2129	2299	1571	1617	9.98	3817	14135	2.59	0		884	525.5	-98.0
Avg.	83	54	58	55	77	65	71	77	52	54	0.33	127	471				29	17.5	-3.3
Max	99	68	73	67	86	73	79	88	62	64	0.60	275	608	1.01			46	27.0	19.5
Min	50	41	43	43	61	49	55	48	40	40	0.06	40	67	0.00			9	0.0	-18.0

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