

# September 2006

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	59	59	59	86	68	77	86	58	62	0.34	107	544	0.32			29	22.5	-8.5
2	74	49	49	49	76	66	71	67	52	52	0.17	110	262	0.33			25	12.0	3.5
3	69	43	46	45	75	61	68	69	52	52	0.22	60	509	0.00			26	9.5	9.0
4	76	45	52	51	79	57	68	77	52	54	0.23	41	516	0.00			31	13.0	4.5
5	75	42	46	46	81	61	71	82	52	52	0.23	46	544	0.00			33	12.5	6.5
6	77	46	50	50	81	61	71	84	52	54	0.24	37	559	0.00			31	13.5	3.5
7	81	50	55	54	80	63	72	82	54	54	0.30	77	523	0.00			31	15.5	-0.5
8	83	50	53	53	80	64	72	82	54	58	0.28	74	503	0.00			33	16.5	-1.5
9	80	54	59	59	79	65	72	78	57	60	0.20	98	417	0.20			26	17.0	-2.0
10	75	58	58	58	73	66	70	74	60	60	0.09	53	221	0.00			17	16.5	-1.5
11	71	50	54	54	73	64	69	72	55	55	0.21	93	309	0.00			21	10.5	4.5
12	73	46	48	48	77	61	69	78	54	54	0.20	55	433	0.00			27	11.5	5.5
13	79	49	51	51	80	60	70	82	54	56	0.15	34	502	0.00			30	14.5	1.0
14	86	52	59	59	81	62	72	82	55	58	0.30	79	506	0.00			34	19.0	-4.0
15	90	59	64	62	78	66	72	79	58	60	0.43	248	449	0.00			31	22.5	-9.5
16	90	53	58	56	78	68	73	82	56	56	0.33	161	480	0.00			37	19.5	-6.5
17	90	38	41	38	65	79	72	80	44	44	0.52	178	521	0.00			52	18.0	1.0
18	71	36	38	37	74	63	69	72	44	44	0.30	69	530	0.00			35	10.5	11.5
19	68	33	36	36	68	59	64	65	43	43	0.22	105	438	0.00			35	9.0	14.5
20	79	36	43	43	72	56	64	74	43	46	0.30	103	503	0.00			43	14.5	7.5
21	81	43	53	53	74	60	67	76	46	56	0.26	99	503	0.19			38	15.5	3.0
22	67	43	44	44	68	55	62	66	44	44	0.19	139	154	1.07			24	8.5	10.0
23	63	42	44	43	59	51	55	62	42	42	0.12	172	339	0.00			21	6.5	12.5
24	55	39	41	40	53	48	51	53	42	42	0.11	190	186	0.00			16	2.5	18.0
25	68	40	46	45	62	46	54	70	42	46	0.25	79	488	0.00			28	9.0	11.0
26	75	41	43	42	68	49	59	72	45	47	0.20	67	490	0.00			34	12.5	7.0
27	82	43	44	44	71	51	61	74	47	48	0.29	75	484	0.00			39	16.0	2.5
28	69	32	32	32	65	55	60	64	39	39	0.18	106	282	t			37	9.5	14.5
29	73	32	49	47	68	49	59	68	38	48	0.20	77	480	0.00			41	11.5	12.5
30	83	43	44	43	71	55	63	72	48	48	0.19	50	381	0.00			40	16.5	2.0
Totals	2291	1346	1459	1441	2195	1789	1997	2224	1482	1534	7.25	2882	13056	2.11	0		945	406.0	131.5
Avg.	76	45	49	48	73	60	67	74	49	51	0.24	96	435				32	13.5	4.4
Max	90	59	64	62	86	79	77	86	60	62	0.52	248	559	1.07			52	22.5	18.0
Min	55	32	32	32	53	46	51	53	38	39	0.09	34	154	0.00			16	2.5	-9.5

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