

## September 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	74	51	53	53	80	58	69	73	52	52	0.30	150	412	0.00			23	12.5	2.5
2	78	53	58	58	83	58	71	77	52	60	0.21	93	490	T			25	15.5	-0.5
3	76	55	59	59	85	63	74	80	59	59	0.13	41	390	0.00			21	15.5	-0.5
4	86	58	60	60	91	62	76	85	60	62	0.25	55	511	0.00			28	22.0	-7.0
5	76	55	58	58	90	66	78	82	60	62	0.15	66	477	0.00			21	15.5	-0.5
6	76	56	61	61	89	65	77	76	58	59	0.23	86	458	0.00			20	16.0	-1.0
7	84	60	65	65	88	66	77				0.24	132	392	0.00			24	22.0	-7.0
8	88	57	58	58	85	66	76	80	58	60	0.26	131	291	0.00			31	21.5	-7.5
9	82	58	60	60	91	64	78	84	59	62	0.26	83	532	0.16			24	20.0	-5.0
10	79	59	62	62	92	66	79	86	62	62	0.23	66	552	0.00			20	19.0	-4.0
11	78	55	61	61	86	67	77	79	60	60	0.15	70	371	0.00			23	16.5	-1.5
12	80	49	51	51	86	67	77	82	54	54	0.09	61	371	0.00			31	15.0	0.5
13	73	50	60	60	88	64	76	76	53	58	0.20	60	371	0.00			23	11.5	3.5
14	74	54	56	56	79	62	71	74	56	56	0.22	86	317	0.00			20	14.0	1.0
15	78	49	50	50	88	61	74	80	55	55	0.19	62	456	0.00			29	14.0	1.5
16	78	50	56	56	87	60	73	78	55	58	0.19	44	424	0.00			28	14.0	1.0
17	75	48	50	50	84	63	74	77	55	55	0.15	30	404	0.00			27	12.5	3.5
18	75	48	50	50	81	59	70	74	54	54	0.15	33	352	0.00			27	12.5	3.5
19	78	41	44	44	88	58	73	78	51	51	0.21	37	492	0.00			37	14.0	5.5
20	77	43	56	56	87	55	60	79	51	54	0.23	72	536	0.00			34	13.5	5.0
21	88	51	53	53	88	60	74	80	54	54	0.33	111	531	0.18			37	18.5	-4.5
22	62	43	46	44	70	55	62	62	44	44	0.19	153	258	T			19	6.0	12.5
23	50	44	47	47	56	50	53	50	44	46	0.04	153	124	0.56			6	0.0	18.0
24	55	45	45	45	60	49	54	56	50	52	0.06	58	163	0.50			10	2.5	15.0
25	61	45	46	46	65	50	58	62	48	50	0.08	36	243	0.11			16	5.5	12.0
26	63	42	46	46	68	51	60	66	47	47	0.10	36	338	0.04			21	6.5	12.5
27	80	45	68	53	74	47	61	76	46	51	0.18	66	506	0.00			35	15.0	2.5
28	83	35	38	38	78	52	65	74	43	43	0.40	111	484	0.00			48	16.5	6.0
29	70	38	42	39	76	47	61	70	42	43	0.23	49	503	0.00			32	10.0	11.0
30	77	42	48	47	75	47	61	68	43	46	0.30	147	492	0.00			35	13.5	5.5
Totals	2254	1479	1607	1586	2438	1758	2089	2164	1525	1569	5.95	2378	12241	1.55	0		775	411.0	83.5
Avg.	75	49	54	53	81	59	70	75	53	54	0.20	79	408				26	13.7	2.8
Max	88	60	68	65	92	67	79	86	62	62	0.40	153	552	0.56			48	22.0	18.0
Min	50	35	38	38	56	47	53	50	42	43	0.04	30	124	0.00			6	0.0	-7.5

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