

September 2005

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	75	46	48	48	78	71	75	68	50	50	0.24	67	334	0.00			29	12.5	4.5
2	82	48	60	59	81	65	73	78	50	58	0.26	69	501	0.00			34	16.0	0.0
3	85	58	63	60	83	69	76	83	58	58	0.30	94	541	0.00			27	21.5	-6.5
4	91	62	65	62	83	70	77	83	58	58	0.39	157	497	0.00			29	24.0	-11.5
5	91	63	69	65	84	71	78	83	58	60	0.44	189	455	0.00			28	24.5	-12.0
6	92	58	60	60	85	72	79	84	58	58	0.43	163	497	t			34	22.0	-10.0
7	87	59	64	65	87	72	80	86	58	62	0.27	63	516	0.00			28	22.5	-8.0
8	95	58	61	61	87	73	80	86	60	60	0.26	63	479	0.00			37	22.0	-11.5
9	95	61	62	59	88	73	81	86	56	56	0.41	103	514	0.00			34	23.5	-13.0
10	90	63	65	61	84	73	79	80	56	56	0.50	214	520	0.00			27	24.5	-11.5
11	93	61	66	62	85	72	79	82	56	58	0.49	211	514	0.00			32	23.5	-12.0
12	93	64	65	65	86	73	80	82	56	56	0.50	204	493	0.00			29	25.0	-13.5
13	93	58	58	50	86	73	80	94	56	56	0.39	102	524	0.00			35	22.0	-10.5
14	77	46	48	48	83	71	77	79	52	52	0.35	85	530	0.00			31	13.5	3.5
15	79	48	53	53	80	67	74	77	51	55	0.24	76	434	0.04			31	14.5	1.5
16	78	50	52	52	81	66	74	82	52	52	0.26	77	519	0.00			28	14.0	1.0
17	84	52	58	57	80	66	73	80	52	54	0.40	207	512	0.00			32	18.0	-3.0
18	93	48	63	63	85	67	76	86	56	60	0.26	47	512	0.00			45	18.0	-5.5
19	79	50	56	56	78	69	74	79	58	58	0.15	82	293	0.00			29	14.5	0.5
20	84	50	53	53	82	67	75	84	58	58	0.26	39	441	0.00			34	17.0	-2.0
21	90	53	58	57	83	66	75	86	58	62	0.27	67	487	0.00			37	19.5	-6.5
22	99	57	61	54	82	69	76	82	56	56	0.36	89	357	0.00			42	21.5	-13.0
23	74	52	54	52	76	70	73	70	55	55	0.19	76	291	0.00			22	13.0	2.0
24	81	55	65	60	80	66	73	80	57	62	0.21	138	417	0.00			26	18.0	-3.0
25	94	53	55	55	83	69	76	83	56	56	0.45	135	429	0.00			41	19.5	-8.5
26	74	45	47	46	77	69	73	74	51	51	0.21	112	347	0.00			29	12.0	5.5
27	79	46	57	52	80	64	72	79	51	52	0.25	58	481	0.00			33	14.5	2.5
28	93	54	54	48	82	64	73	83	51	57	0.31	83	459	0.04			39	20.0	-8.5
29	63	30	42	40	74	63	69	66	44	41	0.23	114	372	0.00			33	6.5	18.5
30	73	41	45	45	70	57	64	68	40	48	0.25	106	397	0.00			32	11.5	8.0
Totals	2556	1589	1727	1668	2453	2057	2264	2413	1628	1675	9.53	3290	13663	0.08	0		967	549.0	-122.5
Avg.	85	53	58	56	82	69	75	80	54	56	0.32	110	455				32	18.3	-4.1
Max	99	64	69	65	88	73	81	94	60	62	0.50	214	541	0.04			45	25.0	18.5
Min	63	30	42	40	70	57	64	66	40	41	0.15	39	291	0.00			22	6.5	-13.5

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