

September 2012

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	85	53	58	54	84	72	78	86	57	59	0.35	36	570	0.00			32	19.0	-4.0
2	96	58	64	61	83	73	78	95	59	59	0.41	121	573	0.00			38	22.0	-12.0
3	97	59	72	63	84	74	79	87	58	62	0.39	51	554	0.00			38	22.5	-13.0
4	87	60	63	57	79	75	77	72	59	59	0.17	45	182	T			27	23.0	-8.5
5	96	57	59	50	80	71	76	83	56	56	0.31	53	422	0.31			39	21.5	-11.5
6	85	52	55	55	78	67	73	60	55	55	0.41	78	527	0.00			33	18.5	-3.5
7	98	55	62	53	81	67	74	86	55	58	0.32	87	537	0.00			43	20.5	-11.5
8	73	42	45	45	76	71	74	74	49	49	0.23	78	404	0.00			31	11.5	7.5
9	84	42	45	44	77	66	71	80	49	51	0.30	44	563	0.00			42	17.0	2.0
10	83	44	51	49	77	66	71	79	50	50	0.41	100	560	0.00			39	16.5	1.5
11	93	50	60	53	77	66	72	79	50	54	0.52	156	556	0.00			43	18.0	-6.5
12	98	60	61	50	80	69	75	85	55	55	0.50	134	533	0.00			38	23.0	-14.0
13	72	48	48	48	76	67	72	66	50	50	0.17	157	241	0.30			24	11.0	5.0
14	68	40	43	43	71	64	67	72	46	46	0.15	32	440	0.00			28	9.0	11.0
15	79	42	46	44	74	60	67	78	45	46	0.26	53	532	0.00			37	14.5	4.5
16	82	39	44	43	74	62	68	79	45	47	0.30	51	537	0.00			43	16.0	4.5
17	88	43	53	48	73	62	68	76	46	50	0.42	112	501	0.00			45	18.0	-0.5
18	67	38	44	43	69	63	66	61	45	45	0.11	62	219	0.00			29	8.5	12.5
19	85	44	54	46	71	59	65	63	44	50	0.30	57	505	0.00			41	17.5	0.5
20	91	39	41	40	72	62	67	76	48	48	0.39	81	476	0.00			52	18.0	0.0
21	84	41	49	44	71	62	67	74	49	50	0.30	51	455	0.00			43	17.0	2.5
22	86	45	48	43	72	62	67	75	47	47	0.30	80	487	0.00			41	18.0	-0.5
23	74	43	46	42	71	62	67	65	44	44	0.31	86	481	0.00			31	12.0	6.5
24	75	44	47	45	69	62	66	68	41	46	0.39	79	424	0.00			31	12.5	5.5
25	83	44	47	47	70	62	66	71	47	52	0.15	37	342	0.00			39	16.5	1.5
26	76	47	56	56	69	62	66	69	52	57	0.13	50	287	T			29	13.0	3.5
27	76	54	55	55	70	64	67	73	56	56	0.22	69	315	0.07			22	15.0	0.0
28	74	55	57	57	70	65	67	74	56	57	0.15	66	329	0.06			19	14.5	0.5
29	73	46	55	55	68	64	66	68	63	63	0.10	37	232	0.00			27	11.5	5.5
30	73	45	53	53	69	62	66	72	52	52	0.14	41	302	0.00			28	11.5	6.0
Totals	2481	1429	1581	1486	2235	1963	2103	2246	1528	1573	8.61	2184	13086	0.74	0		1052	487.0	-5.0
Avg.	83	48	53	50	75	65	70	75	51	52	0.29	73	436				35	16.2	-0.2
Max	98	60	72	63	84	75	79	95	63	63	0.52	157	573	0.31			52	23.0	12.5
Min	67	38	41	40	68	59	65	60	41	44	0.10	32	182	0.00			19	8.5	-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 am.