

May 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	72	49	54	54	71	58	64	74	50	54	0.15	105	536	0.00			23	11.0	4.5
2	82	47	51	48	74	58	66	78	54	54	0.26	49	448	0.00			35	16.0	0.5
3	84	49	56	53	81	58	69	86	54	56	0.30	70	697	0.00			35	17.0	-1.5
4	86	53	58	58	82	62	72	88	55	60	0.34	65	682	0.00			33	19.5	-4.5
5	95	54	63	57	82	62	72	93	56	56	0.38	53	669	0.00			41	20.0	-9.5
6	95	54	55	52	85	65	75	92	55	55	0.39	137	692	0.00			41	20.0	-9.5
7	72	47	50	50	74	64	69	74	49	49	0.45	121	552	0.00			25	11.0	5.5
8	60	45	50	47	69	61	65	68	48	48	0.13	78	430	0.03			15	5.0	12.5
9	73	36	47	47	75	58	67	77	46	46	0.34	63	682	0.00			37	11.5	10.5
10	82	47	57	49	75	58	67	82	46	49	0.40	101	682	0.00			35	16.0	0.5
11	89	49	49	45	80	60	70	81	49	49	0.56	151	699	0.00			40	18.0	-4.0
12	69	38	43	40	70	64	67	67	43	43	0.35	34	605	0.00			31	9.5	11.5
13	52	38	47	47	66	59	62	52	41	47	0.02	53	169	0.10			14	1.0	20.0
14	72	42	49	47	67	57	62	74	47	51	0.00	28	483	0.21			30	11.0	8.0
15	81	44	53	48	75	61	68	85	51	51	0.30	33	702	0.00			37	15.5	2.5
16	88	50	55	46	75	61	68	86	49	49	0.45	93	715	0.00			38	18.0	-4.0
17	89	54	62	53	74	64	69	80	49	52	0.60	179	692	0.00			35	20.0	-6.5
18	90	49	56	51	75	66	70	83	52	52	0.43	135	529	0.01			41	18.0	-4.5
19	92	55	62	57	75	64	69	83	52	56	0.49	173	645	0.00			37	20.5	-8.5
20	69	39	49	49	72	65	68	68	46	47	0.26	137	424	0.08			30	9.5	11.0
21	76	46	53	48	73	60	67	83	46	74	0.36	74	710	0.00			30	13.0	4.0
22	84	54	62	59	73	64	68	81	50	58	0.40	180	700	0.00			30	19.0	-4.0
23	93	61	61	54	76	66	71	85	58	58	0.72	213	693	0.00			32	23.5	-12.0
24	81	49	52	52	75	69	72	82	52	53	0.41	159	669	0.26			32	15.5	0.0
25	77	50	55	49	74	65	70	81	51	51	0.38	117	678	T			27	13.5	1.5
26	75	55	69	64	71	65	68	74	52	61	0.20	148	420	0.00			20	15.0	0.0
27	98	63	67	63	76	66	71	83	59	60	0.61	266	662	0.03			35	24.5	-15.5
28	92	42	55	47	80	69	74	87	49	50	0.43	72	630	0.00			50	18.0	-2.0
29	83	41	54	46	79	66	73	82	49	50	0.51	65	735	0.00			42	16.5	3.0
30	82	50	59	52	78	67	72	84	50	53	0.45	89	723	0.00			32	16.0	-1.0
31	85	41	49	48	77	68	72	83	50	50	0.28	76	524	0.07			44	17.5	2.0
Totals	2518	1491	1702	1580	2329	1950	2137	2476	1558	1642	11.35	3317	18877	0.79	0		1027	480.0	10.5
Avg.	81	48	55	51	75	63	69	80	50	53	0.37	107	609				33	15.5	0.3
Max	98	63	69	64	85	69	75	93	59	74	0.72	266	735	0.26			50	24.5	20.0
Min	52	36	43	40	66	57	62	52	41	43	0.00	28	169	0.00			14	1.0	-15.5

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