

July 2013

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	83	50	63	57	83	76	79	81	58	60	0.33	74	567	0.00			33	16.5	-1.5
2	82	46	59	53	84	74	79	82	46	58	0.42	55	690	0.00			36	16.0	1.0
3	84	51	66	55	85	73	79	82	56	56	0.42	57	693	0.00			33	17.5	-2.5
4	88	57	64	56	84	74	79	82	56	58	0.52	150	696	0.00			31	21.5	-7.5
5	92	64	67	57	85	74	80	82	58	60	0.55	139	669	0.00			28	25.0	-13.0
6	99	67	74	64	84	76	80	82	58	64	0.57	175	543	0.00			32	26.5	-18.0
7	103	65	75	66	89	77	83	84	64	68	0.50	95	641	0.00			38	25.5	-19.0
8	101	65	72	68	88	79	84	94	70	70	0.45	80	536	0.03			36	25.5	-18.0
9	102	67	79	67	91	85	88	96	68	68	0.57	97	579	0.00			35	26.5	-19.5
10	102	68	71	68	90	80	85	94	68	68	0.43	91	563	0.02			34	27.0	-20.0
11	92	63	69	66	88	80	84	96	68	68	0.38	112	534	0.00			29	24.5	-12.5
12	95	69	74	66	90	79	85	96	66	68	0.51	138	682	0.00			26	27.5	-17.0
13	103	70	77	66	90	80	85	95	67	68	0.70	180	677	0.00			33	28.0	-21.5
14	103	70	73	67	91	81	86	98	68	69	0.62	129	651	0.00			33	28.0	-21.5
15	87	58	65	64	86	76	81	82	64	64	0.25	49	214	1.22			29	22.0	-7.5
16	83	63	65	63	79	72	75	82	64	64	0.38	96	563	0.00			20	23.0	-8.0
17	80	57	63	62	77	71	74	82	62	62	0.30	139	596	T			23	18.5	-3.5
18	86	62	69	66	81	69	75	82	62	66	0.42	178	594	0.00			24	24.0	-9.0
19	90	64	70	67	84	73	79	82	66	66	0.52	166	677	0.00			26	25.0	-12.0
20	95	62	69	66	88	75	81	94	54	66	0.28	84	596	0.58			33	24.0	-13.5
21	92	59	64	62	82	73	78	94	64	64	0.35	67	638	0.00			33	22.5	-10.5
22	88	63	70	64	85	72	79	95	64	70	0.37	91	643	0.00			25	24.5	-10.5
23	96	65	68	62	88	76	82	94	64	64	0.50	120	662	0.00			31	25.5	-15.5
24	90	63	67	64	88	76	82	74	68	68	0.37	82	659	0.00			27	24.5	-11.5
25	89	62	64	64	88	77	82	94	64	64	0.36	76	596	0.27			27	24.0	-10.5
26	83	60	63	63	83	74	78	82	64	64	0.17	58	290	0.19			23	21.5	-6.5
27	83	58	59	57	78	72	75	95	62	62	0.25	67	391	0.00			25	20.5	-5.5
28	68	53	55	55	83	76	79	68	58	58	0.23	111	577	0.11			15	10.5	4.5
29	66	53	63	63	73	68	70	66	58	64	0.05	75	88	0.05			13	9.5	5.5
30	79	62	64	64	79	69	74	82	62	66	0.04	37	191	T			17	20.5	-5.5
31	87	62	68	65	83	67	75	94	66	66	0.30	62	323	0.00			25	24.0	-9.5
Totals	2771	1898	2089	1947	2627	2324	2475	2686	1937	2001	12.11	3130	17019	2.47	0		873	699.5	-319.5
Avg.	89	61	67	63	85	75	80	87	62	65	0.39	101	549				28	22.6	-10.3
Max	103	70	79	68	91	85	88	98	70	70	0.70	180	696	1.22			38	28.0	5.5
Min	66	46	55	53	73	67	70	66	46	56	0.04	37	88	0.00			13	9.5	-21.5

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