

August 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	90	64	70	64				94	66	66	0.27	79	544	0.00			26	25.0	-12.0
2	92	63	64	62	85	75	80	96	64	64	0.44	159	599	0.01			29	24.5	-12.5
3	93	63	67	67	88	75	81	95	64	70	0.26	85	610	0.00			30	24.5	-13.0
4	72	65	66	66	83	76	79	70	64	64	0.11	72	146	0.02			7	18.5	-3.5
5	86	65	73	71	84	74	79	82	66	72	0.24	80	460	0.00			21	25.5	-10.5
6	93	62	65	64	84	76	80	94	66	66	0.19	45	312	0.04			31	24.0	-12.5
7	88	60	63	61	83	79	81	96	66	66	0.19	58	452	0.02			28	23.0	-9.0
8	81	62	63	61	79	74	76	82	64	64	0.17	57	298	0.50			19	21.5	-6.5
9	74	56	58	58	76	72	74	68	62	62	0.09	28	213	0.03			18	15.0	0.0
10	82	54	60	58	81	68	75	82	62	62	0.22	48	619	0.00			28	18.0	-3.0
11	81	59	65	63	82	69	75	82	60	64	0.36	102	638	0.00			22	20.0	-5.0
12	87	61	63	62	81	72	76	82	62	66	0.20	62	393	0.00			26	23.5	-9.0
13	86	59	64	63	86	73	79				0.30	46	553	0.00			27	22.5	-7.5
14	82	61	63	62	82	75	78	82	64	64	0.26	75	424	0.00			21	21.5	-6.5
15	83	54	58	57	81	73	77	82	60	60	0.19	83	390	0.00			29	18.5	-3.5
16	87	57	63	62	78	71	75	82	59	65	0.14	44	361	0.25			30	21.5	-7.0
17	84	59	65	64	81	70	75	84	64	64	0.23	85	472	0.00			25	21.5	-6.5
18	77	63	65	63	76	72	74	80	64	64	0.13	115	197	0.00			14	20.0	-5.0
19	84	59	62	61	77	70	74	82	64	64	0.19	99	308	0.00			25	21.5	-6.5
20	91	59	63	62	83	70	77				0.30	72	575	0.00			32	22.5	-10.0
21	95	63	68	64	84	72	78	82	64	66	0.42	137	579	0.00			32	24.5	-14.0
22	97	62	66	62	85	74	80	82	64	64	0.45	135	550	0.00			35	24.0	-14.5
23	92	66	67	64	84	75	80	82	72	76	0.25	69	473	0.00			26	26.0	-14.0
24	92	61	68	62	85	76	80	82	64	64	0.37	102	507	0.00			31	23.5	-11.5
25	96	65	71	65	85	75	80	82	63	65	0.59	201	583	0.00			31	25.5	-15.5
26	97	68	72	64	86	76	81	82	64	64	0.58	201	577	0.00			29	27.0	-17.5
27	98	66	68	62	86	77	82	82	64	64	0.56	167	582	0.00			32	26.0	-17.0
28	99	59	63	60	87	77	82	88	62	62	0.45	110	586	0.00			40	22.5	-14.0
29	97	61	67	63	87	76	81	82	62	66	0.35	82	529	0.00			36	23.5	-14.0
30	101	60	67	59	89	77	83	94	64	64	0.41	50	580	0.00			41	23.0	-15.5
31																	0		
Totals	2657	1836	1957	1876	2408	2139	2272	2353	1784	1822	8.91	2748	14110	0.87	0		821	678.0	-296.5
Avg.	89	61	65	63	83	74	78	84	64	65	0	92	470				26	22.6	-9.9
Max	101	68	73	71	89	79	83	96	72	76	0.59	201	638	0.5			41	27.0	0.0
Min	72	54	58	57	76	68	74	68	59	60	0.09	28	146	0.00			0	15.0	-17.5

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