

August 2014

Weather data collected at the KSU Northwest Research-Extension Center, Colby, Kansas.

Day	Air Temperature, F				Soil Temperature, F			Water Temperature, F			Evap. in.	Wind mi/d	Solar Rad., ly	Precip. in.	Snow in.	Depth in.	Air Temp Spread, F	GDU	HDU
	Max	Min	8:00	Wet-B	Max	Min	Avg	Max	Min	8:00									
1	87	57	64	60	79	72	76	90	62	64	0.30	44	630	0.00	0	0	30	21.5	-7.0
2	89	58	67	62	79	73	76	87	62	63	0.26	38	517	0.00	0	0	31	22.0	-8.5
3	92	63	66	59	81	73	77	90	63	63	0.32	56	584	0.05	0	0	29	24.5	-12.5
4	94	63	66	62	81	73	77	92	63	63	0.47	77	666	0.00	0	0	31	24.5	-13.5
5	96	66	73	63	80	75	78	89	63	64	0.55	145	644	0.00	0	0	30	26.0	-16.0
6	91	66	68	65	78	74	76	85	51	68	0.30	99	419	0.00	0	0	25	26.0	-13.5
7	96	59	64	62	80	74	77				0.42	68	592	0.00	0	0	37	22.5	-12.5
8	87	61	63	63	80	74	77				0.33	82	501	0.26	0	0	26	23.5	-9.0
9	82	63	65	65	81	73	77	92	69	69	0.24	75	633	0.00	0	0	19	22.5	-7.5
10	93	58	63	61	80	69	75	92	62	62	0.53	85	438	1.05	0	0	35	22.0	-10.5
11	86	58	62	61	74	68	71	94	62	65	0.37	74	618	0.00	0	0	28	22.0	-7.0
12	87	59	64	59	76	70	73	94	62	62	0.37	41	589	0.00	0	0	28	22.5	-8.0
13	89	61	64	60	77	72	75	94	62	62	0.45	90	632	0.00	0	0	28	23.5	-10.0
14	93	63	69	64	78	73	76	94	62	66	0.39	118	626	0.00	0	0	30	24.5	-13.0
15	96	65	67	66	77	73	75	68	64	66	0.32	127	489	0.17	0	0	31	25.5	-15.5
16	95	62	67	61	78	74	76	90	65	66	0.33	81	623	0.00	0	0	33	24.0	-13.5
17	96	60	69	66	80	73	77	95	66	67	0.34	55	595	0.04	0	0	36	23.0	-13.0
18	99	57	64	62	80	74	77	92	62	62	0.31	86	566	0.01	0	0	42	21.5	-13.0
19	98	61	65	62	79	73	76	94	62	64	0.48	83	587	0.12	0	0	37	23.5	-14.5
20	98	60	72	67	79	74	77	89	64	68	0.38	124	509	0.00	0	0	38	23.0	-14.0
21	97	65	70	65	79	75	77	91	68	68	0.46	71	473	0.39	0	0	32	25.5	-16.0
22	94	64	72	70	79	75	77	93	68	70	0.33	43	580	0.00	0	0	30	25.0	-14.0
23	89	62	68	67	78	72	75	93	66	66	0.29	86	409	0.41	0	0	27	24.0	-10.5
24	88	57	62	59	78	72	75	90	64	64	0.33	46	525	0.00	0	0	31	21.5	-7.5
25	85	60	65	60	77	73	75	88	61	62	0.30	85	607	0.00	0	0	25	22.5	-7.5
26	85	61	63	60	78	73	76	89	61	65	0.30	75	559	0.00	0	0	24	23.0	-8.0
27	85	60	66	65	77	73	75	84	67	67	0.31	81	475	0.60	0	0	25	22.5	-7.5
28	81	57	61	60	77	74	76	83	63	63	0.20	102	341	0.29	0	0	24	19.0	-4.0
29	84	54	57	56	77	73	75	N/A	N/A	60	0.30	84	556	0.00	0	0	30	19.0	-4.0
30	88	54	60	59	76	72	74	88	60	64	0.33	55	592	0.00	0	0	34	20.0	-6.0
31	90	57	65	62	78	72	75	87	63	63	0.34	103	581	0.09	0	0	33	21.5	-8.5
Totals	2810	1871	2031	1933	2431	2258	2349	2507	1767	1876	10.95	2479	17156	3.48	0		939	711.5	-325.5
Avg.	91	60	66	62	78	73	76	90	63	65	0	80	553				30	23.0	-10.5
Max	99	66	73	70	81	75	78	95	69	70	0.55	145	666	1.05			42	26.0	-4.0
Min	81	54	57	56	74	68	71	68	51	60	0.2	38	341	0.00			19	19.0	-16.0

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