

May 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	56	36	40	37	53	47	50	66	38	38	0.26	171	625	0.00	0	0	20	3.0	19.0
2	62	29	37	34	54	49	52	60	38	38	0.28	103	585	0.00	0	0	33	6.0	19.5
3	78	37	50	46	59	49	54	78	40	51	0.24	71	674	0.00	0	0	41	14.0	7.5
4	86	41	50	46	63	54	59	82	50	50	0.39	80	631	0.00	0	0	45	18.0	1.5
5	80	44	47	45	64	56	60	80	50	50	0.24	88	608	0.00	0	0	36	15.0	3.0
6	79	41	50	46	65	57	61	80	52	52	0.30	78	585	0.00	0	0	38	14.5	5.0
7	82	44	52	52	67	58	63	82	54	54	0.27	67	568	0.00	0	0	38	16.0	2.0
8	88	41	41	40	68	60	64	82	48	48	0.30	133	629	0.00	0	0	47	18.0	0.5
9	63	30	35	35	64	60	62	68	42	42	0.42	134	679	0.00	0	0	33	6.5	18.5
10	77	35	49	48	65	57	61	82	42	50	0.44	110	645	0.00	0	0	42	13.5	9.0
11	81	49	53	51	67	59	63	82	52	52	0.45	125	619	0.00	0	0	32	15.5	0.0
12	59	34	35	35	65	58	62	60	38	38	0.32	205	165	0.21	0	0	25	4.5	18.5
13	46	30	35	34	58	52	55	52	36	36	0.07	175	243	0.02	0	0	16		27.0
14	59	30	39	38	54	49	52	66	40	40	0.13	94	474	0.00	0	0	29	4.5	20.5
15	65	31	40	38	57	50	54	68	40	42	0.24	73	512	0.01	0	0	34	7.5	17.0
16	66	37	45	43	60	51	56	68	42	48	0.17	58	644	0.02	0	0	29	8.0	13.5
17	69	36	39	39	59	54	57	67	44	44	0.32	86	493	0.00	0	0	33	9.5	12.5
18	59	36	54	51	58	54	56	66	43	49	0.11	123	297	0.27	0	0	23	4.5	17.5
19	80	54	60	55	62	54	59	80	48	56	0.39	250	635	0.00	0	0	26	17.0	-2.0
20	92	56	60	60	68	58	59	96	56	60	0.41	99	706	0.00	0	0	36	21.0	-9.0
21	84	54	60	53	69	62	66	82	56	56	0.37	126	643	0.00	0	0	30	19.0	-4.0
22	83	53	55	55	69	62	66	82	56	58	0.44	120	616	0.38	0	0	30	18.0	-3.0
23	79	55	58	58	72	63	67	82	58	60	0.44	75	601	0.92	0	0	24	17.0	-2.0
24	72	50	59	59	69	62	66	69	58	60	0.11	59	277	0.15	0	0	22	11.0	4.0
25	77	56	58	58	69	63	66	80	58	60	0.31	85	399	0.45	0	0	21	16.5	-1.5
26	78	51	59	58	69	63	66	80	58	58	0.18	52	412	T	0	0	27	14.5	0.5
27	81	52	59	58	71	64	68	82	58	60	0.19	28	542	0.04	0	0	29	16.5	-1.5
28	85	55	64	59	74	65	70	96	58	64	0.26	23	709	0.00	0	0	30	20.0	-5.0
29	90	57	66	60	76	67	72	96	62	64	0.30	32	710	0.00	0	0	33	21.5	-8.5
30	93	62	67	62	78	69	74	96	62	62	0.54	98	712	0.00	0	0	31	24.0	-12.5
31	90	62	64	63	76	70	73	82	62	64	0.42	116	588	0.15	0	0	28	24.0	-11.0
Totals	2339	1378	1580	1516	2022	1796	1913	2392	1539	1604	9.31	3137	17226	2.62	0		961	418.5	156.5
Avg.	75	44	51	49	65	58	62	77	50	52	0.30	101	556				31	14.0	5.0
Max	93	62	67	63	78	70	74	96	62	64	0.54	250	712	0.92			47	24.0	27.0
Min	46	29	35	34	53	47	50	52	36	36	0.07	23	165	0.00			16	3.0	-12.5

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