

April 2016

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

Day	Air Temperature, F				Wet-B	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	26		Max	Min	Avg	Max	Min	8:00									
1	53	24	26			49	46	48						401	T	0	0	29	1.5	26.5
2	53	22	38			47	43	45						547	0.00	0	0	31	1.5	27.5
3	69	31	38	34		50	42	47	70	37	41	0.25		584	0.00	0	0	38	9.5	15.0
4	78	33	36	35		52	45	49	73	41	45	0.30		594	0.00	0	0	45	14.0	9.5
5	76	36	48	42		53	47	50	72	45	46	0.30		491	0.00	0	0	40	13.0	9.0
6	79	33	40	36		54	49	52	73	38	39	0.35	182	430	0.05	0	0	46	14.5	9.0
7	71	35	42	39		53	48	51	68	39	45	0.36	146	600	0.00	0	0	36	10.5	12.0
8	65	31	34	33		53	48	51	69	41	41	0.34	114	580	0.00	0	0	34	7.5	17.0
9	75	31	34	31		55	47	51	74	39	39	0.26	143	584	0.00	0	0	44	12.5	12.0
10	78	32	51	48		55	49	50	75	37	52	0.31	120	557	0.00	0	0	46	14.0	10.0
11	68	42	43	38		57	52	55	75	37	52	0.25	125	490	0.00	0	0	26	9.0	10.0
12	59	31	38	36		56	52	54	68	41	41	0.20	72	410	0.00	0	0	28	4.5	20.0
13	68	30	37	35		55	50	53	71	41	43	0.27	170	614	0.00	0	0	38	9.0	16.0
14	76	36	52	50		58	50	54	77	43	51	0.30	117	623	0.00	0	0	40	13.0	9.0
15	77	51	56	53		58	53	56	76	51	55	0.36	282	489	0.00	0	0	26	14.0	1.0
16	71	48	51	51		57	55	56	67	53	53	0.27	223	280	1.46	0	0	23	10.5	5.5
17	56	37	38	38		56	50	53	57	44	44	0.03	150	49	1.57	0	0	19	3.0	18.5
18	46	35	36	36		50	48	49	53	41	41	0.15	155	230	0.15	0	0	11		24.5
19	56	33	40	40		52	47	50	62	41	44	0.15	81	371	0.05	0	0	23	3.0	20.5
20	50	40	41	41		51	48	50	55	44	48	0.06	43	184	0.14	0	0	10	0.0	20.0
21	62	39	45	43		55	48	51	71	47	48	0.14	55	479	0.03	0	0	23	6.0	14.5
22	71	38	44	43		58	50	54	75	48	51	0.23	81	629	0.00	0	0	33	10.5	10.5
23	75	43	53	50		59	51	55	78	51	52	0.30	156	653	0.00	0	0	32	12.5	6.0
24	82	46	49	47		59	54	57	75	52	56	0.42	225	522	T	0	0	36	16.0	1.0
25	79	39	45	42		63	56	60	79	48	48	0.38	77	621	0.00	0	0	40	14.5	6.0
26	72	44	55	53		63	55	59	80	48	58	0.26	106	651	0.00	0	0	28	11.0	7.0
27	75	35	38	36		64	58	61	80	43	43	0.47	166	520	0.74	0	0	40	12.5	10.0
28	55	34	36	35		60	53	57	61	42	43	0.11	155	402	T	0	0	21	2.5	20.5
29	53	36	40	40		55	51	53	64	42	46	0.16	86	424	0.33	0	0	17	1.5	20.5
30	41	32	35	34		54	45	50	46	38	39	0.01	122	66	0.91	0.5	0	9		28.5
Totals	1989	1077	1259	1139		1661	1490	1581	1944	1212	1304	6.99	3352	14075	5.43	0.5		912	251.5	417.0
Avg.	66	36	42	41		55	50	53	69	43	47	0	134	469				30	9.0	13.9
Max	82	51	56	53		64	58	61	80	53	58	0.47	282	653	1.57			46	16.0	28.5
Min	41	22	26	31		47	42	45	46	37	39	0.01	43	49	0.00			9	0.0	1.0

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