

May 2017

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	32		Max	Min	Avg	Max	Min	8:00									
1	37	31	32	32	32	47	44	46	39	33	33		425	219	0.42	10	14	6		31.0
2	61	31	38	38	38	44	35	40	33	32	32	0.00	133	665	0.00	0	3	30	5.5	19.0
3	56	36	40	40	40	36	35	36	39	32	35	0.27	35	400	0.01	0	0	20	3.0	19.0
4	58	32	40	40	40	37	35	36	54	34	40	0.07	124	383	T	0	0	26	4.0	20.0
5	68	38	46	43	43	48	37	43	75	39	46	0.21	45	690	0.00	0	0	30	9.0	12.0
6	80	44	58	52	52	54	44	49	84	46	52	0.24	35	688	0.00	0	0	36	15.0	3.0
7	86	53	58	52	52	56	50	53	81	52	53	0.45	326	692	0.00	0	0	33	19.5	-4.5
8	90	55	61	55	55	58	53	56	80	53	56	0.45	5	611	0.00	0	0	35	20.5	-7.5
9	87	53	55	51	51	61	55	58	83	55	55	0.40	137	570	0.01	0	0	34	19.5	-5.0
10	80	51	54	53	53	62	57	60			56	0.43	77	498	0.82	0	0	29	15.5	-0.5
11	78	48	49	49	49	63	57	60	82	51	51		128	494	2.08	0	0	30	14.0	2.0
12	63	38	46	44	44	58	55	57	65	44	41	0.09	64	281	0.09	0	0	25	6.5	14.5
13	70	43	52	48	48	63	53	58	78	46	47	0.29	93	710	0.00	0	0	27	10.0	8.5
14	81	51	60	56	56	62	56	59	83	47	47	0.41	189	680	0.00	0	0	30	16.0	-1.0
15	84	59	65	59	59	67	58	63	90	47	60	0.45	177	693	0.00	0	0	25	21.5	-6.5
16	93	56	61	57	57	68	62	65	83	57	57	0.38	145	465	0.56	0	0	37	21.0	-9.5
17	84	51	51	51	51	69	61	66	85	54	54	0.30	118	604	0.15	0	0	33	17.5	-2.5
18	71	45	45	45	45	66	61	64	79	50	50	0.23	146	543	0.08	0	0	26	10.5	7.0
19	52	45	47	47	47	64	58	61	54	48	49	0.18	147	108	0.93	0	0	7	1.0	16.5
20	51	37	39	38	38	58	53	56	54	41	41	0.07	141	129	0.94	0	0	14	0.5	21.0
21	51	35	48	45	45	54	50	52	59	41	44	0.11	101	416	T	0	0	16	0.5	22.0
22	72	48	52	52	52	61	50	56	79	44	55	0.21	60	647	0.24	0	0	24	11.0	5.0
23	73	40	45	43	43	63	56	60	80	45	46	0.27	102	552	0.02	0	0	33	11.5	8.5
24	65	34	47	43	43	60	56	58	63	43	44	0.15	96	420	T	0	0	31	7.5	15.5
25	75	46	56	52	52	64	53	59	79	44	52	0.33	130	722	0.00	0	0	29	12.5	4.5
26	86	51	58	55	55	67	58	63	88	52	56	0.31	105	596	0.16	0	0	35	18.5	-3.5
27	76	52	56	54	54	69	60	65	85	55	55		109	680	1.87	0	0	24	14.0	1.0
28	69	46	56	51	51	66	60	63	75	51	52	0.15	98	444	0.00	0	0	23	9.5	7.5
29	78	46	57	53	53	67	58	63	83	52	56	0.30	63	706	0.00	0	0	32	14.0	3.0
30	76	47	57	55	55	66	61	64	79	55	55	0.20	52	502	0.00	0	0	29	13.0	3.5
31	82	54	62	56	56	70	61	66	90	55	62	0.27	29	686	0.00	0	0	28	18.0	-3.0
Totals	2233	1396	1591	1509	1509	1848	1642	1755	2181	1398	1532	7.22	3635	16494	8.38	10		837	360.0	200.5
Avg.	72	45	51	49	49	60	53	57	73	47	49	0.26	117	532				27	12.0	6.5
Max	93	59	65	59	59	70	62	66	90	57	62	0.45	425	722	2.08			37	21.5	31.0
Min	37	31	32	32	32	36	35	36	33	32	32	M	5	108	0.00			6	0.5	-9.5

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