

August 2018

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	82	54	63	59	77	69	73	90	57	62	0.28	33	679	0.00	0	0			
2	89	61	65	62	77	70	74	90	62	64	0.41	88	624	0.00	0	0			
3	95	64	69	63	78	71	75	90	64	65	0.45	128	632	0.00	0	0			
4	94	61	68	66	77	72	75	88	65	67	0.41	146	530	0.49	0	0			
5	98	68	70	66	80	72	76	99	66	68	0.32	45	626	0.00	0	0			
6	88	63	66	65	78	75	77	96	66	66	0.34	109	356	0.52	0	0			
7	85	65	67	67	78	73	76	90	66	70	0.24	63	501	T	0	0			
8	87	64	68	64	80	74	77	93	68	69	0.30	59	590	0.00	0	0			
9	90	60	65	63	80	75	78	93	66	66	0.30	36	572	0.00	0	0			
10	93	61	71	59	80	74	77	93	66	66	0.38	52	602	T	0	0			
11	91	59	65	62	79	74	77	90	64	64	0.30	50	550	0.00	0	0			
12	93	55	62	59	78	73	76	88	63	63	0.38	52	592	0.00	0	0			
13	88	60	65	65	76	72	74	84	63	64	0.37	72	548	0.00	0	0			
14	88	60	65	64	75	72	74	82	64	68	0.21	86	405	0.00	0	0			
15	80	53	60	58	75	73	74	82	62	62	0.24	65	391	0.09	0	0			
16	89	59	62	61	75	70	73	87	62	64	0.33	88	591	0.00	0	0			
17	85	57	60	60	77	71	74	90	64	66	0.30	53	595	0.00	0	0			
18	88	60	68	64	78	72	75	91	66	68	0.35	67	554	0.00	0	0			
19	79	59	67	59	76	72	74	81	62	63	0.28	114	290	1.01	0	0			
20	81	53	53	51	73	71	72	80	55	55		172	465	0.23	0	0			
21	74	46	52	52	71	68	70	77	55	57	0.23	71	541	0.00	0	0			
22	68	51	59	58	69	66	68	71	56	60	0.12	38	248	T	0	0			
23	67	58	65	65	68	67	68	67	60	66	0.05	19	119	0.05	0	0			
24	88	62	64	62	75	67	71	92	66	66	0.23	81	467	0.00	0	0			
25	92	55	59	57	76	70	73	91	64	64	0.26	26	572	0.00	0	0			
26	96	58	69	66	75	70	73	86	64	67	0.45	113	548	0.36	0	0			
27	92	60	65	62	78	71	75	92	67	67	0.30	69	543	0.00	0	0			
28	98	61	64	58	77	72	75	90	64	64	0.40	107	563	0.00	0	0			
29	70	51	54	53	75	71	73	70	57	57	0.21	73	227	0.06	0	0			
30	77	53	65	62	73	68	71	80	52	62	0.24	98	558	0.00	0	0			
31	92	61	65	62	75	69	72	90	62	66	0.31	52	423	0.00	0	0			
Totals	2677	1812	1980	1894	2359	2204	2290	2683	1938	1996	8.99	2325	15502	2.81	0		0	0.0	0.0
Avg.	86	58	64	61	76	71	74	87	63	64	0.30	75	500				#DIV/0!	#####	#DIV/0!
Max	98	68	71	67	80	75	78	99	68	70	0.45	172	679	1.01			0	0.0	0.0
Min	67	46	52	51	68	66	68	67	52	55	0.05	19	119	0.00			0	0.0	0.0

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