

July 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	87	54	61	58	79	72	76	90	61	62	0.74	121	573	0.66	0	0			
2	86	59	70	68	78	69	74	94	62	62	0.30	83	708	0.00	0	0			
3	95	64	70	67	78	71	75	91	66	70	0.42	153	620	0.00	0	0			
4	96	70	76	66	78	73	76	91	69	70	0.56	152	649	0.00	0	0			
5	99	65	65	63	79	73	76	93	70	70	0.52	144	594	0.00	0	0			
6	87	64	66	66	79	74	77	93	70	71	0.30	84	612	0.00	0	0			
7	90	64	71	68	79	74	77	94	69	70	0.34	85	495	0.00	0	0			
8	94	65	73	67	79	74	77	93	69	70	0.45	155	677	0.00	0	0			
9	95	58	70	65	79	74	77	92	66	66	0.63	126	696	0.00	0	0			
10	95	61	71	66	80	74	77	95	66	68	0.45	81	699	0.00	0	0			
11	96	66	73	67	79	74	77	93	68	70	0.54	124	698	0.00	0	0			
12	98	66	75	68	79	75	77	94	70	71	0.52	119	681	0.00	0	0			
13	98	67	69	67	80	75	78	92	71	72	0.60	153	670	0.00	0	0			
14	88	65	67	66	80	75	78	92	72	73	0.25	66	427	0.05	0	0			
15	89	62	68	67	81	75	78	95	72	73	0.31	59	541	0.00	0	0			
16	91	67	68	68	80	75	78	95	73	75	0.30	76	503	T	0	0			
17	89	62	64	64	80	76	78	92	70	71	0.79	80	449	0.83	0	0			
18	86	63	70	70	81	74	77	96	71	75	0.30	67	609	0.00	0	0			
19	89	67	71	70	81	76	79	93	72	72	0.26	63	498	T	0	0			
20	98	68	73	69	83	76	80	98	72	72	0.36	72	641	0.00	0	0			
21	95	65	74	68	83	77	80	95	69	71		98	626	0.00	0	0			
22	90	67	71	68	80	77	79	88	70	70	0.84	114	606	0.02	0	0			
23	92	67	70	68	82	77	80	94	70	70	0.37	87	631	0.22	0	0			
24	85	66	68	63	81	77	79	88	68	68	0.30	64	448	T	0	0			
25	89	67	73	66	80	76	78	91	68	68	0.30	100	560	0.00	0	0			
26	90	65	69	66	81	75	78	93	68	70	0.39	185	640	T	0	0			
27	84	57	62	62	81	76	79	90	63	63	0.38	69	505	0.49	0	0			
28	84	57	65	63	77	73	75	85	62	63	0.19	76	422	0.08	0	0			
29	84	57	60	59	79	72	76	91	62	63	0.31	74	609	0.16	0	0			
30	78	58	59	59	77	72	75	84	63	63	0.18	57	422	0.10	0	0			
31	77	48	55	54	76	71	74	83	57	57	0.25	71	541	0.00	0	0			
Totals	2794	1951	2117	2026	2469	2302	2395	2848	2099	2133	12.45	3058	18050	2.61	0		0	0.0	0.0
Avg.	90	63	68	65	80	74	77	92	68	69	0.42	99	582				#DIV/0!	#####	#DIV/0!
Max	99	70	76	70	83	77	80	98	73	75	0.84	185	708	0.83			0	0.0	0.0
Min	77	48	55	54	76	69	74	83	57	57	0.18	57	422	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.