

August 2021

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	83	64	67	65	79	75	77	84	69	69	0.27	81	332	0.02	0	0	19	23.5	-8.5
2	85	55	61	57	82	73	78	91	62	62	0.34	53	540	0.00	0	0	30	20.0	-5.0
3	89	58	68	60	81	73	77	90	62	62	0.43	92	553	0.00	0	0	31	22.0	-8.5
4	93	63	67	61	80	73	77	89	62	63	0.45	129	582	0.00	0	0	30	24.5	-13.0
5	91	55	60	60	81	3	77	91	63	64	0.26	60	440	0.11	0	0	36	20.5	-8.0
6	91	60	71	63	83	72	78	94	64	65	0.38	45	598	0.00	0	0	31	23.0	-10.5
7	100	67	67	64	79	73	76	89	66	69	0.51	158	566	0.01	0	0	33	26.5	-18.5
8	93	57	58	56	82	74	78	94	62	62	0.38	48	559	0.00	0	0	36	21.5	-10.0
9	97	58	71	65	82	73	78	93	62	66	0.31	68	557	0.00	0	0	39	22.0	-12.5
10	101	67	70	62	82	74	78	92	66	66	0.65	129	590	0.00	2	0	34	26.5	-19.0
11	92	59	65	62	81	75	78	90	66	68	0.27	55	438	0.00	0	0	33	22.5	-10.5
12	95	56	62	62	82	74	78	92	68	68	0.40	57	583	0.00	0	0	39	21.0	-10.5
13	97	61	62	62	83	74	79	96	67	67	0.42	73	574	0.17	0	0	36	23.5	-14.0
14	87	62	66	65	83	74	79	93	67	68	0.23	82	512	0.00	0	0	25	24.0	-9.5
15	91	63	67	64	81	75	78	91	67	68	0.45	135	552	0.00	0	0	28	24.5	-12.0
16	95	65	67	62	81	75	78	91	66	66	0.45	145	546	0.00	0	0	30	25.5	-15.0
17	93	59	62	60	81	74	78	92	64	64	0.43	115	581	0.00	0	0	34	22.5	-11.0
18	92	61	65	65	79	74	77	87	64	67	0.39	142	519	0.00	0	0	31	23.5	-11.5
19	90	65	71	64	79	74	77	89	67	71	0.41	165	538	0.00	0	0	25	25.5	-12.5
20	89	62	66	66	79	75	77	90	71	71	0.26	157	369	0.04	0	0	27	24.0	-10.5
21	86	56	61	57	79	72	76	88	62	62	0.41	76	522	0.00	0	0	30	21.0	-6.0
22	84	60	64	62	79	72	76	87	62	65	0.33	93	534	0.00	0	0	24	22.0	-7.0
23	102	64	68	66	80	73	77	93	65	69	0.49	141	568	0.00	0	0	38	25.0	-18.0
24	101	59	65	62	82	74	78	96	69	69	0.41	41	583	0.00	0	0	42	22.5	-15.0
25	101	64	66	65	81	74	78	93	69	70	0.45	71	577	0.00	0	0	37	25.0	-17.5
26	92	64	66	61	81	74	78	95	68	68	0.54	104	553	0.86	0	0	28	25.0	-13.0
27	98	64	66	64	79	73	76	85	64	65	0.39	112	477	0.09	0	0	34	25.0	-16.0
28	98	66	77	77	81	74	78	91	65	68	0.47	127	568	0.00	0	0	32	26.0	-17.0
29	97	63	64	64	80	75	78	89	66	66	0.48	156	544	0.00	0	0	34	24.5	-15.0
30	79	60	63	63	77	74	76	76	63	63	0.15	79	152	0.00	0	0	19	19.5	-4.5
31	95	56	64	64	78	72	75	88	63	64	0.38	147	538	0.00	0	0	39	21.0	-10.5
Totals	2877	1893	2037	1950	2497	2214	2399	2799	2021	2055	12	3136	16145	1	1		984	723.0	-370.0
Avg.	93	61	66	63	81	71	77	90	65	66	0	101	521	0			32	23.3	-11.9
Max	102	67	77	77	83	75	79	96	71	71	0.65	165	598	0.86	2		42	26.5	-4.5
Min	79	55	58	56	77	3	75	76	62	62	0.15	41	152	0	0		19	19.5	-19.0

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