

April 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	52	20	27	27	48	41	45	57	37	37	0.10	52	569	0.00	0	0	32	1.0	29.0
2	70	27	34	32	48	41	45	67	36	39	0.27	163	572	0.00	0	0	43	10.0	16.5
3	80	33	37	34	52	43	48	75	37	42	0.26	78	583	0.00	0	0	47	15.0	8.5
4	83	36	43	41	54	45	50	78	42	47	0.35	70	585	0.00	0	0	47	16.5	5.5
5	90	39	41	40	55	48	62	78	46	46	0.43	130	497	0.00	0	0	51	18.0	0.5
6	87	38	51	44	58	50	54	78	46	51	0.40	138	519	0.00	0	0	49	18.0	2.5
7	68	33	35	35	58	51	55	N/A	37	37	0.20	279	573	0.06	0	0	35	9.0	14.5
8	51	33	38	35	54	46	50	48	36	37	0.08	204	213	T	0	0	18	0.5	23.0
9	72	34	43	39	55	46	51	71	36	43	0.27	102	600	0.00	0	0	38	11.0	12.0
10	53	25	30	29	50	45	48	57	37	37	0.13	152	315	T	0	0	28	1.5	26.0
11	67	30	41	36	55	44	50	71	36	40	0.30	73	613	0.00	0	0	37	8.5	16.5
12	62	26	28	27	53	47	50	68	39	40	0.36	161	598	0.00	0	0	36	6.0	21.0
13	57	28	37	32	54	47	57	66	38	39	0.20	80	560	0.00	0	0	29	3.5	22.5
14	52	27	29	27	52	46	49	57	38	39	0.15	53	333	0.00	0	0	25	1.0	25.5
15	53	28	34	32	54	46	50	66	37	39	0.21	91	580	0.00	0	0	25	1.5	24.5
16	43	31	31	31	50	45	48	44	36	37	0.20	95	115	0.52	3.5	4	12		28.0
17	43	31	36	36	47	44	46	51	36	39	0.01	138	368	0.03	0	0	12		28.0
18	46	27	30	30	48	43	46	52	37	39	0.07	61	291	0.14	0	0	19		28.5
19	63	30	33	33	53	42	48	70	37	40	0.21	89	630	0.00	0	0	33	6.5	18.5
20	43	17	20	20	49	43	46	46	34	34	0.09	143	239	0.04	0.8	1	26		35.0
21	45	18	23	23	47	41	44	52	34	35	0.09	129	561	0.00	0	0	27		33.5
22	48	23	35	33	49	40	45	59	35	39	0.13	74	514	0.00	0	0	25		29.5
23	64	33	37	37	49	43	46	69	36	41	0.30	237	570	T	0	0	31	7.0	16.5
24	68	34	35	35	55	45	50	75	41	42	0.25	85	562	0.00	0	0	34	9.0	14.0
25	63	32	50	46	54	47	51	66	42	45	0.20	140	413	0.00	0	0	31	6.5	17.5
26	82	44	56	45	59	48	54	80	45	47	0.34	102	592	0.00	0	0	38	16.0	2.0
27	92	51	54	53	61	51	56	n/a	50	50	0.55	163	671	0.00	0	0	41	18.5	-6.5
28	68	45	47	47	59	54	57	73	50	50	0.20	120	373	0.00	0	0	23	9.0	8.5
29	54	36	46	44	56	50	53	55	42	42	0.07	85	135	0.00	0	0	18	2.0	20.0
30	73	43	53	45	60	50	55	77	42	46	0.32	89	660	0.00	0	0	30	11.5	7.0
Totals	1892	952	1134	1068	1596	1372	1509	1806	1175	1239	6.74	3576	14404	0.79	4.3		940	207.0	528.0
Avg.	63	32	38	36	53	46	50	65	39	41	0	119	480				31	8.6	17.6
Max	92	51	56	53	61	54	62	80	50	51	0.55	279	671	0.52			51	18.5	35.0
Min	43	17	20	20	47	40	44	44	34	34	0.01	52	115	0.00			12	0.5	-6.5

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