

May 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	82	39	56	47	62	52	57	79	46	47	0.51	164	654	0.00	0	0	43	16.0	4.5
2	90	53	58	57	63	54	59	81	47	55	0.52	189	651	0.00	0	0	37	19.5	-6.5
3	83	34	47	45	66	57	62	84	50	50	0.36	153	517	0.31	0	0	49	16.5	6.5
4	73	38	44	42	60	54	57	64	45	45	0.22	130	384	0.00	0	0	35	11.5	9.5
5	64	41	47	45	65	54	60	61	41	45	0.30	72	660	0.00	0	0	23	7.0	12.5
6	70	37	44	42	63	55	59	75	45	46	0.25	82	654	0.00	0	0	33	10.0	11.5
7	69	44	49	46	65	55	60	79	46	46	0.34	98	648	0.00	0	0	25	9.5	8.5
8	82	47	55	54	67	56	62	84	46	55	0.30	112	668	0.00	0	0	35	16.0	0.5
9	82	41	42	40	66	59	63	81	45	46	0.40	180	603	T	0	0	41	16.0	3.5
10	60	40	43	41	62	56	59	64	45	46	0.19	81	373	T	0	0	20	5.0	15.0
11	54	41	41	41	59	54	57	58	45	45	0.08	71	238	0.34	0	0	13	2.0	17.5
12	50	33	41	41	57	52	55	55	45	45	0.00	23	219	0.10	0	0	17	0.0	23.5
13	59	36	44	44	59	52	56	66	43	43	0.24	93	499	0.00	0	0	23	4.5	17.5
14	72	44	51	51	62	52	57	77	43	50	0.31	192	646	0.08	0	0	28	11.0	7.0
15	76	51	54	54	67	55	61	83	50	58	0.25	72	590	0.04	0	0	25	13.5	1.5
16	73	51	56	56	67	60	64	N/A	N/A	59	0.27	73	416	0.01	0	0	22	12.0	3.0
17	88	55	57	57	70	60	65	87	59	59	0.00	72	536	0.24	0	0	33	20.5	-6.5
18	67	55	58	58	65	60	63	63	59	59	n/a	65	116	1.57	0	0	12	11.0	4.0
19	72	48	51	51	67	60	64	81	55	56	0.22	70	490	0.07	0	0	24	11.0	5.0
20	73	49	56	56	67	61	64	78	56	58	0.11	89	425	0.27	0	0	24	11.5	4.0
21	75	55	64	62	66	41	64	79	58	62	0.33	238	552	0.00	0	0	20	15.0	0.0
22	81	62	64	64	68	63	66	84	62	63	0.33	253	639	0.00	0	0	19	21.5	-6.5
23	82	63	64	63	67	64	66	80	63	65	0.22	174	374	0.00	0	0	19	22.5	-7.5
24	90	55	56	56	68	64	66	81	60	60	0.26	179	412	0.38	0	0	35	20.5	-7.5
25	68	54	58	58	67	63	65	68	60	60	0.07	41	133	0.28	0	0	14	11.0	4.0
26	77	53	61	61	71	63	67	88	60	62	0.18	18	603	0.00	0	0	24	15.0	0.0
27	81	49	59	59	68	64	66	79	60	60	0.20	123	340	0.07	0	0	32	15.5	0.0
28	73	43	46	45	70	63	67	82	52	53	0.30	112	664	0.00	0	0	30	11.5	7.0
29	71	46	48	48	69	63	66	81	52	52	0.27	107	632	0.00	0	0	25	10.5	6.5
30	71	43	52	52	66	60	63	76	52	56		121	429	1.42	0	0	28	10.5	8.0
31	60	51	53	53	62	60	61	64	55	55	0.02	34	143	0.38	0	0	9	5.5	9.5
Totals	2268	1451	1619	1589	2021	1786	1921	2262	1545	1661	7.05	3481	14908	5.56	0		817	383.0	155.5
Avg.	73	47	52	51	65	58	62	75	52	54	0.24	112	481				26	12.4	5.0
Max	90	63	64	64	71	64	67	88	63	65	0.52	253	668	1.57			49	22.5	23.5
Min	50	33	41	40	57	41	55	55	41	43	0.00	18	116	0.00			9	0.0	-7.5

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