

# July 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	65	66	66	75	71	73	82	68	68	0.30	48	361	1.16	0	0	17	23.5	-8.5
2	80	57	67	65	75	70	73	85	66	67	0.14	34	349	0.03	0	0	23	18.5	-3.5
3	84	61	71	68	77	70	74	90	66	68	0.32	53	596	0.00	0	0	23	22.5	-7.5
4	88	62	68	67	77	71	74	89	67	68	0.34	123	626	0.00	0	0	26	24.0	-10.0
5	92	61	70	68	80	72	76	97	68	70	0.25	57	638	0.00	0	0	31	23.5	-11.5
6	92	65	72	71	80	73	77	94	69	70	0.39	84	665	0.00	0	0	27	25.5	-13.5
7	87	64	64	64	77	72	75	84	68	68	0.38	68	302	0.94	0	0	23	25.0	-10.5
8	84	60	68	65	79	72	76	93	66	67	0.24	42	521	0.00	0	0	24	22.0	-7.0
9	95	60	69	66	78	73	76	90	66	66	0.51	157	665	0.00	0	0	35	23.0	-12.5
10	100	61	64	61	81	73	77	N/A	N/A	67	0.41	67	632	0.00	0	0	39	23.5	-15.5
11	89	53	62	59	78	72	75	87	62	63	0.36	90	583	0.00	0	0	36	19.5	-6.0
12	81	62	62	59	77	71	74	89	62	62	0.34	55	650	0.00	0	0	19	21.5	-6.5
13	90	60	67	65	78	71	75	93	62	66	0.36	69	669	0.00	0	0	30	23.0	-10.0
14	98	66	71	66	78	73	76	93	66	67	0.45	117	588	0.00	0	0	32	26.0	-17.0
15	88	64	65	65	76	74	75	83	67	69	0.25	76	324	0.00	0	0	24	25.0	-11.0
16	82	62	64	64	77	74	76	89	68	70	0.23	47	415	T	0	0	20	22.0	-7.0
17	90	61	63	63	78	74	76	91	67	67	0.25	85	438	0.00	0	0	29	23.5	-10.5
18	92	62	69	69	79	73	76	94	67	70	0.40	80	617	0.00	0	0	30	24.0	-12.0
19	87	58	65	65	79	75	77	91	67	68	0.30	52	519	0.00	0	0	29	22.0	-7.5
20	88	60	63	61	79	74	77	93	65	65	0.41	64	581	0.00	0	0	28	23.0	-9.0
21	86	55	61	59	77	73	75	89	61	61	0.30	89	581	0.00	0	0	31	20.5	-5.5
22	88	61	69	64	76	72	74	89	61	65	0.40	166	591	0.00	0	0	27	23.5	-9.5
23	95	65	70	64	77	73	75	N/A	N/A	67	0.54	156	639	0.00	0	0	30	25.5	-15.0
24	98	64	73	68	77	73	75	91	66	68	0.45	116	593	0.00	0	0	34	25.0	-16.0
25	95	69	69	69	78	74	76	96	68	75	0.38	61	588	0.00	0	0	26	27.5	-17.0
26	84	62	67	67	80	76	78	89	70	70	0.30	72	524	0.00	0	0	22	23.0	-8.0
27	94	62	68	66	79	75	77	95	70	70	0.40	53	608	0.00	0	0	32	24.0	-13.0
28	97	68	74	70	79	75	77	95	70	72	0.43	89	635	0.00	0	0	29	27.0	-17.5
29	101	68	74	69	79	76	78	94	70	77	0.55	120	640	0.00	0	0	33	27.0	-19.5
30	99	66	73	68	80	76	78	96	70	70	0.50	61	645	0.00	0	0	33	26.0	-17.5
31	99	68	69	67	82	76	79	93	70	70	0.45	109	575	0.00	0	0	31	27.0	-18.5
Totals	2805	1932	2097	2028	2422	2267	2350	2634	1933	2111	11.33	2560	17358	2.13	0		873	736.5	-353.5
Avg.	90	62	68	65	78	73	76	91	67	68	0.37	83	560				28	23.8	-11.4
Max	101	69	74	71	82	76	79	97	70	77	0.55	166	669	1.16			39	27.5	-3.5
Min	80	53	61	59	75	70	73	82	61	61	0.14	34	302	0.00			17	18.5	-19.5

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