

# August 2019

## 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	97	66	66	66	85	74	80	95	64	70	0.38	88	530	0.00	0	0	31	26.0	-16.5
2	84	66	68	68	80	77	79	84	70	72	0.24	70	275	0.13	0	0	18	25.0	-10.0
3	87	65	69	69	84	76	80	92	72	72	0.18	37	393	0.01	0	0	22	25.5	-11.0
4	90	60	66	65	85	76	81	95	68	68	0.27	31	428	0.00	0	0	30	23.0	-10.0
5	94	65	67	66	85	74	80	94	68	68	0.44	70	542	0.02	0	0	29	25.5	-14.5
6	93	61	67	64	83	76	80	91	68	68	0.28	41	370	0.00	0	0	32	23.5	-12.0
7	96	59	68	64	86	74	80	97	67	67	0.30	29	486	0.00	0	0	37	22.5	-12.5
8	92	62	65	65	84	75	80	93	67	68	0.56	95	532	1.07	0	0	30	24.0	-12.0
9	84	65	69	69	83	74	79	92	68	71	0.28	63	517	0.00	0	0	19	24.5	-9.5
10	88	68	73	73	83	76	80	93	71	72	0.31	106	482	0.00	0	0	20	27.0	-13.0
11	95	64	69	69	83	71	77	93	69	69	0.52	84	438	1.30	0	0	31	25.0	-14.5
12	88	62	66	66	82	72	77	95	67	67	0.76	93	465	1.68	0	0	26	24.0	-10.0
13	88	63	68	67	81	72	82	91	67	70	0.38	62	488	0.00	0	0	25	24.5	-10.5
14	85	57	59	59	79	71	75	88	61	61	0.52	85	307	1.12	0	0	28	21.0	-6.0
15	81	58	63	63	80	69	75	90	61	64	0.30	82	517	0.00	0	0	23	19.5	-4.5
16	88	63	65	63	82	71	77	94	64	67	0.27	79	520	0.00	0	0	25	24.5	-10.5
17	84	65	70	65	81	73	77	92	67	68	0.22	78	494	0.00	0	0	19	24.5	-9.5
18	88	59	62	62	82	74	78	93	64	64	0.35	76	459	T	0	0	29	22.5	-8.5
19	86	62	67	67	82	73	78	94	64	70	0.26	50	536	0.00	0	0	24	24.0	-9.0
20	95	62	67	64	82	75	79	95	69	69	0.41	52	453	0.00	0	0	33	24.0	-13.5
21	99	65	65	63	83	74	79	95	66	66	0.39	117	485	0.02	0	0	34	25.5	-17.0
22	85	65	67	67	82	75	79	92	66	70	0.26	75	477	T	0	0	20	25.0	-10.0
23	84	63	64	64	80	76	78	87	66	66	0.33	92	459	0.08	0	0	21	23.5	-8.5
24	78	58	60	60	77	72	75	79	61	63	0.21	88	254	2.42	0	0	20	18.0	-3.0
25	78	60	61	61	72	64	68	79	63	66	0.30	77	271	0.03	0	0	18	19.0	-4.0
26	86	60	68	67	74	69	72	85	66	68	0.18	74	288	0.00	0	0	26	23.0	-8.0
27	80	56	58	58	76	71	74	85	63	63	0.23	81	452	0.00	0	0	24	18.0	-3.0
28	74	54	56	56	74	69	72	81	59	59	0.16	9	316	0.23	0	0	20	14.0	1.0
29	88	56	64	64	75	68	72	88	59	66	0.27	82	497	0.00	0	0	32	21.0	-7.0
30	92	55	57	55	77	70	74	92	61	61	0.29	45	464	0.00	0	0	37	20.5	-8.5
31	76	55	61	61	74	70	72	75	61	64	0.48	62	230	1.07	0	0	21	15.5	-0.5
Totals	2703	1899	2015	1990	2496	2251	2389	2789	2027	2077	10.33	2173	13425	9.18	0		804	703.0	-286.0
Avg.																	26	22.7	-9.2
Max																	37	27.0	1.0
Min																	18	14.0	-17.0

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