

# September 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	99	63	65	65	80	73	77	92	64	68	0.29	62	524	0.00	0	0	36	24.5	-16.0
2	98	67	69	69	78	74	76	88	68	69	0.65	157	497	0.74	0	0	31	26.5	-17.5
3	88	63	65	65	80	74	77	90	68	68	0.19	57	434	T	0	0	25	24.5	-10.5
4	81	62	63	63	78	74	76	86	67	67	0.21	58	429	0.16	0	0	19	21.5	-6.5
5	85	59	62	62	79	73	76	91	64	64	0.24	33	527	T	0	0	26	22.0	-7.0
6	91	56	56	56	79	72	76	89	63	63	0.26	42	514	0.00	0	0	35	21.0	-8.5
7	96	56	59	54	78	71	75	88	62	62	0.32	37	539	0.00	0	0	40	21.0	-11.0
8	85	49	52	52	75	69	72	82	59	59	0.33	58	511	0.00	0	0	36	17.5	-2.0
9	87	52	54	54	74	69	72	82	59	59	0.34	57	508	0.00	0	0	35	19.0	-4.5
10	97	53	57	57	75	69	72	89	59	63	0.25	26	94	0.00	0	0	44	19.5	-10.0
11	102	55	62	60	76	70	73	88	62	62	0.37	50	479	0.00	0	0	47	20.5	-13.5
12	103	61	65	62	77	71	74	91	62	65	0.31	37	485	0.00	0	0	42	23.5	-17.0
13	93	61	61	60	77	72	75	89	65	65	0.30	60	477	0.00	0	0	32	23.5	-12.0
14	95	61	64	60	76	72	74	87	64	64	0.38	71	491	T	0	0	34	23.5	-13.0
15	81	56	63	63	76	71	74	83	63	63	0.19	41	396	0.00	0	0	25	18.5	-3.5
16	88	63	64	62	74	71	73	83	62	62	0.28	147	410	0.00	0	0	25	24.5	-10.5
17	95	58	58	57	75	71	73	85	62	63	0.48	179	504	0.00	0	0	37	22.0	-11.5
18	71	51	57	57	73	69	71	64	57	57	0.11	59	90	T	0	0	20	11.0	4.0
19	89	54	67	62	73	68	71	83	57	62	0.39	203	485	0.00	0	0	35	20.0	-6.5
20	96	56	57	51	74	70	72	85	57	57	0.45	167	474	0.00	0	0	40	21.0	-11.0
21	80	50	50	46	73	67	70	75	51	51	0.32	118	465	0.00	0	0	30	15.0	0.0
22	71	35	39	38	70	63	67	72	47	47	0.28	56	459	0.00	0	0	36	10.5	12.0
23	81	38	42	42	69	63	66	76	47	49	0.30	91	497	0.00	0	0	43	15.5	5.5
24	91	42	59	52	70	63	67	81	49	55	0.30	34	480	0.00	0	0	49	18.0	-1.5
25	79	43	51	48	69	64	67	77	50	51	0.30	73	448	0.00	0	0	36	14.5	4.0
26	84	45	47	45	68	64	66	77	50	53	0.26	94	464	0.00	0	0	39	17.0	0.5
27	98	47	52	47	70	63	67	84	53	57	0.30	24	470	0.00	0	0	51	18.0	-7.5
28	95	51	64	58	70	64	67	82	57	59	0.30	60	467	0.00	0	0	44	18.5	-8.0
29																	0		
30																	0		
Totals	2499	1507	1624	1567	2086	1934	2016	2339	1648	1684	8.70	2151	12618	0.9	0		992	552.0	-183.0
Avg.	89	54	58	56	75	69	72	84	59	60	0.31	77	451				33	19.7	-6.5
Max	103	67	69	69	80	74	77	92	68	69	0.65	203	539	0.74			51	26.5	12.0
Min	71	35	39	38	68	63	66	64	47	47	0.11	24	90	0.00			0	10.5	-17.5

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