

August 2024

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	59	66	65	86	77	82	99	67	68	0.43	56	617	0.00	0.0	0	40	22.5	-14.0
2	99	58	71	68	84	77	81	95	68	69	0.42	61	604	0.00	0.0	0	41	22.0	-13.5
3	97	71	73	66	84	77	81	94	69	69	0.48	98	608	0.00	0.0	0	26	28.5	-19.0
4	95	59	70	65	84	77	81	93	66	67	0.40	78	540	0.00	0.0	0	36	22.5	-12.0
5	99	70	75	67	83	77	80	90	66	66	0.64	159	630	0.00	0.0	0	29	28.0	-19.5
6	103	62	63	62	84	77	81	96	66	67	0.49	126	591	0.00	0.0	0	41	24.0	-17.5
7	85	63	66	64	82	76	79	81	66	66	0.25	82	311	0.00	0.0	0	22	24.0	-9.0
8	93	63	65	64	82	76	79	93	66	68	0.33	102	584	0.18	0.0	0	30	24.5	-13.0
9	75	58	58	57	80	73	77	80	63	63	0.30	89	365	0.00	0.0	0	17	16.5	-1.5
10	59	54	55	53	75	68	72	64	57	57	0.02	79	62	0.06	0.0	0	5	6.5	8.5
11	66	54	58	58	70	68	69	69	57	62	0.12	77	187	0.01	0.0	0	12	10.0	5.0
12	77	56	60	60	72	68	70	80	62	64	0.17	82	294	0.21	0.0	0	21	16.5	-1.5
13	77	59	68	68	73	68	71	80	64	70	0.13	82	306	0.15	0.0	0	18	18.0	-3.0
14	86	64	66	66	76	71	74	88	68	69	0.25	103	422	0.05	0.0	0	22	25.0	-10.0
15	91	61	65	61	79	71	75	93	64	65	0.30	67	466	T	0.0	0	30	23.5	-11.0
16	89	61	63	63	79	71	75	89	65	67	0.39	76	612	0.06	0.0	0	28	23.5	-10.0
17	90	56	65	63	77	71	74	90	66	66	0.30	70	537	0.00	0.0	0	34	21.0	-8.0
18	97	65	70	69	78	71	75	93	66	72	0.38	105	586	0.00	0.0	0	32	25.5	-16.0
19	91	63	64	64	80	74	77	94	69	69	0.37	103	522	0.00	0.0	0	28	24.5	-12.0
20	87	63	66	65	79	74	77	90	67	67	0.30	102	482	0.00	0.0	0	24	24.5	-10.0
21	91	65	67	67	79	74	77	92	67	70	0.33	116	538	T	0.0	0	26	25.5	-13.0
22	89	67	68	67	78	75	77	88	70	70	0.30	138	391	T	0.0	0	22	26.5	-13.0
23	92	64	65	65	80	74	77	94	68	68	0.36	119	505	0.26	0.0	0	28	25.0	-13.0
24	89	65	69	68	77	74	76	86	68	72	0.17	72	316	T	0.0	0	24	25.5	-12.0
25	101	66	74	66	81	74	78	95	71	71	0.34	74	546	0.00	0.0	0	35	26.0	-18.5
26	103	70	74	67	79	75	77	91	67	68	0.62	175	559	0.02	0.0	0	33	28.0	-21.5
27	103	62	64	64	80	74	77	92	66	67	0.42	105	511	0.23	0.0	0	41	24.0	-17.5
28	87	61	65	65	80	73	77	93	64	69	0.24	40	529	0.00	0.0	0	26	23.5	-9.0
29	95	65	72	68	78	73	76	90	67	68	0.49	162	534	0.00	0.0	0	30	25.5	-15.0
30	83	53	55	55	76	71	74	81	63	63	0.16	43	215	0.01	0.0	0	30	18.0	-3.0
31																	0		
Totals														0.00	0.0		831	678.5	-322.5
Avg.																	27	22.6	-10.8
Max																	41	28.5	8.5
Min																	0	6.5	-21.5

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