

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	73	75	81	63	63	0.16	43	215	0.01	0.0	0	30	18.0	-3.0
31	84	50	57	50	78	70	74	88	61	61	0.30	39	547	0.00	0.0	0	34	17.0	-2.0
Totals	2772	1907	2037	1970	2453	2271	2371	2741	2034	2078	10.20	2880	14517	1.24	0.0		865	695.5	-324.5
Avg.	89	62	66	64	79	73	76	88	66	67	0.33	93	468				28	22.4	-10.5
Max	103	71	75	69	86	77	82	99	71	72	0.64	175	630	0.26			41	28.5	8.5
Min	59	50	55	50	70	68	69	64	57	57	0.02	39	62	0.00			5	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.