

April 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	70	37	37	37	55	46	51	72	42	45	0.24	141	473	T	0.0	0	33	10.0	11.5
2	56	32	33	33	52	47	50	59	37	39	0.15	205	281	0.00	0.0	0	24	3.0	21.0
3	63	32	32	32	52	46	49	65	37	42	0.30	173	564	0.00	0.0	0	31	6.5	17.5
4	66	26	29	29	54	47	51	70	41	42	0.28	81	570	0.00	0.0	0	40	8.0	19.0
5	72	29	40	37	55	46	51	73	41	42	0.34	86	574	0.00	0.0	0	43	11.0	14.5
6	84	40	52	47	55	49	52	71	41	48	0.51	240	477	0.00	0.0	0	44	17.0	3.0
7	69	41	47	40	55	50	53	64	42	42	0.36	268	407	T	0.0	0	28	9.5	10.0
8	63	25	28	28	54	47	51	64	41	41	0.34	223	508	0.00	0.0	0	38	6.5	21.0
9	66	23	26	26	54	47	51	67	39	42	0.23	93	492	0.00	0.0	0	43	8.0	20.5
10	67	26	40	37	58	47	53	75	40	44	0.22	58	586	0.00	0.0	0	41	8.5	18.5
11	70	27	34	31	57	50	54	72	41	41	0.35	157	569	T	0.0	0	43	10.0	16.5
12	65	30	40	36	57	49	53	71	40	43	0.28	79	602	0.00	0.0	0	35	7.5	17.5
13	78	40	45	43	58	48	53	77	43	49	0.30	113	599	0.00	0.0	0	38	14.0	6.0
14	90	40	53	45	63	52	58	84	49	50	0.46	81	593	0.00	0.0	0	50	18.0	0.0
15	88	49	52	50	64	54	59	83	50	53	0.45	120	585	0.00	0.0		39	18.0	-3.5
16	90	51	51	47	64	58	61	77	51	51	0.69	232	608	T	0.0	0	39	18.5	-5.5
17	68	34	42	40	60	54	57	68	46	46	0.32	205	461	0.07	0.0	0	34	9.0	14.0
18	81	36	36	36	61	53	57	76	44	44	0.41	199	547	0.00	0.0	0	45	15.5	6.5
19	49	36	41	41	59	54	57	57	43	46	0.15	104	323	0.00	0.0	0	13		22.5
20	51	31	31	31	55	50	53	54	42	42	0.09	70	175	0.13	0.0	0	20	0.5	24.0
21	39	30	37	36	52	47	50	46	41	42	0.03	59	141	T	0.0	0	9		30.5
22	65	37	43	42	57	47	52	73	41	44	0.23	135	632	0.00	0.0	0	28	7.5	14.0
23	84	43	48	42	59	50	55	77	44	48	0.30	135	459	0.00	0.0	0	41	17.0	1.5
24	70	45	51	45	62	53	58	78	48	50	0.40	118	638	0.00	0.0	0	25	10.0	7.5
25	69	51	56	54	58	55	57	68	50	55	0.36	180	388	0.00	0.0	0	18	10.0	5.0
26	80	50	52	52	61	56	59	80	55	56	0.44	181	361	0.76	0.0	0	30	15.0	0.0
27	70	48	50	48	60	54	57	74	54	54	0.22	142	423	0.00	0.0	0	22	10.0	6.0
28	58	43	44	44	57	51	54	64	49	50	0.22	172	250	0.73	0.0	0	15	4.0	14.5
29	58	36	44	44	55	49	52	65	48	48	0.11	90	376	T	0.0	0	22	4.0	18.0
30	74	44	53	53	62	48	60	79	45	52	0.24	87	587	0.00	0.0	0	30	12.0	6.0
Totals	2073	1112	1267	1206	1725	1504	1628	2103	1325	1391	9.02		14249	1.69	0.0		961	288.5	357.5
Avg.	69	37	42	40	58	50	54	70	44	46	0		475				32	10.3	11.9
Max	90	51	56	54	64	58	61	84	55	56	0.69		638	0.76			50	18.5	30.5
Min	39	23	26	26	52	46	49	46	37	39	0.03		141	0.00			9	0.5	-5.5
Note: Values for solar radiation and soil temperature are for preceding calendar day. All other values are 8:00 am to 8:00 am.																			