

May 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	77	50	51	47	65	54	60	78	48	49	0.39	150	661	0.00	0.0	0	27	13.5	1.5
2	65	43	45	45	59	54	57	64	48	48	0.26	168	291	0.20	0.0	0	22	7.5	11.0
3	66	43	52	49	61	53	57	72	47	48	0.30	122	659	0.00	0.0	0	23	8.0	10.5
4	78	35	40	39	63	53	58	77	41	42	0.43	237	618	0.23	0.0	0	43	14.0	8.5
5	62	40	48	48	63	52	58	76	42	48	0.26	92	674	T	0.0	0	22	6.0	14.0
6	68	48	63	63	58	53	56	66	48	61	0.12	230	275	0.00	0.0	0	20	9.0	7.0
7	75	38	48	44	64	54	59	73	44	44	0.53	166	588	0.00	0.0	0	37	12.5	8.5
8	76	42	48	42	63	54	59	70	44	46	0.43	126	541	0.00	0.0	0	34	13.0	6.0
9	69	36	44	44	63	54	59	69	44	44	0.30	110	601	0.00	0.0	0	33	9.5	12.5
10	67	40	47	47	64	54	59	73	44	47	0.30	104	618	0.00	0.0	0	27	8.5	11.5
11	70	39	54	49	65	55	60	76	47	50	0.25	73	589	0.00	0.0	0	31	10.0	10.5
12	75	53	56	55	65	56	61	75	50	55	0.20	117	423	0.00	0.0	0	22	14.0	1.0
13	69	46	49	49	65	58	62	75	51	52	0.24	90	367	0.13	0.0	0	23	9.5	7.5
14	76	45	55	53	68	57	63	80	52	55	0.27	76	655	0.00	0.0	0	31	13.0	4.5
15	84	48	55	55	69	58	64	84	55	57	0.33	92	584	0.05	0.0	0	36	17.0	-1.0
16	74	38	47	47	68	60	64	80	53	53	0.26	74	490	T	0.0	0	36	12.0	9.0
17	80	47	60	56	72	59	66	85	53	53	0.34	81	692	0.00	0.0	0	33	15.0	1.5
18	89	55	67	53	73	62	68	84	53	57	0.55	146	682	0.00	0.0	0	34	20.5	-7.0
19	78	53	57	56	73	64	69	84	57	57	0.60	124	683	0.40	0.0	0	25	15.5	-0.5
20	79	55	57	56	69	63	66	82	57	62	0.17	88	410	0.02	0.0	0	24	17.0	-2.0
21	71	49	49	49	69	63	66	78	54	54	0.16	132	398	0.01	0.0	0	22	10.5	5.0
22	66	41	47	47	68	58	63	75	49	49	0.30	149	521	0.17	0.0	0	25	8.0	11.5
23	74	47	56	55	71	58	65	83	49	54	0.35	110	709	0.03	0.0	0	27	12.0	4.5
24	81	47	52	45	70	61	66	84	46	47	0.48	220	679	0.00	0.0	0	34	15.5	1.0
25	74	49	56	52	71	61	66	78	47	52	0.42	125	723	0.00	0.0	0	25	12.0	3.5
26	88	48	57	53	68	62	65	77	52	52	0.43	193	501	T	0.0	0	40	18.0	-3.0
27	80	43	54	52	71	61	66	80	52	53	0.40	109	612	T	0.0	0	37	15.0	3.5
28	82	54	57	55	73	61	67	86	53	58	0.31	59	663	0.01	0.0	0	28	18.0	-3.0
29	76	51	59	57	71	63	67	82	57	58	0.26	94	446	0.29	0.0	0	25	13.5	1.5
30	83	56	59	59	72	63	68	84	58	60	0.44	142	670	0.06	0.0	0	27	19.5	-4.5
31	82	55	58	57	75	60	68	89	59	59	0.87	102	559	1.45	0.0	0	27	18.5	-3.5
Totals	2334	1434	1647	1578	2089	1798	1952	2419	1554	1624	10.95	3901	17582	3.05	0.0		900	405.5	131.0
Avg.	75	46	53	51	67	58	63	78	50	52	0.35	126	567				29	13.1	4.2
Max	89	56	67	63	75	64	69	89	59	62	0.87	237	723	1.45			43	20.5	14.0
Min	62	35	40	39	58	52	56	64	41	42	0.12	59	275	0.00			20	6.0	-7.0

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