

# July 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	59	69	69	78	73	76	76	61	69	0.12	162	227	0.21	0.0	0	18	18.0	-3.0	
2	101	68	69	69	80	73	77	92	69	72	0.37	277	523	0.25	0.0	0	33	27.0	-19.5	
3	86	66	68	67	81	74	78	90	69	69	0.38	96	598	T	0.0	0	20	26.0	-11.0	
4	87	56	59	59	78	71	75	87	62	68	0.33	107	531	0.19	0.0	0	31	21.0	-6.5	
5	87	53	60	57	78	70	74	86	61	61	0.45	99	674	0.00	0.0	0	34	19.5	-5.0	
6	78	57	65	63	74	69	72	81	61	61	0.14	70	417	0.18	0.0	0	21	17.5	-2.5	
7	92	52	62	62	74	68	71	85	61	64	0.46	112	583	0.26	0.0	0	40	19.0	-7.0	
8	74	55	60	57	72	67	70	76	60	60	0.11	69	262	0.07	0.0	0	19	14.5	0.5	
9	84	53	64	61	76	67	72	90	60	63	0.39	51	698	0.00	0.0	0	31	18.5	-3.5	
10	90	61	70	64	77	68	73	94	63	65	0.38	57	699	0.00	0.0	0	29	23.5	-10.5	
11	95	57	67	65	78	71	75	94	65	66	0.40	64	685	0.00	0.0	0	38	21.5	-11.0	
12	94	63	69	63	79	72	76	93	66	67	0.49	65	680	0.00	0.0	0	31	24.5	-13.5	
13	99	62	70	62	79	73	76	93	65	66	0.52	84	666	0.00	0.0	0	37	24.0	-15.5	
14	102	65	73	68	80	74	77	98	66	70	0.33	58	678	0.00	0.0	0	37	25.5	-18.5	
15	100	67	79	78	80	75	78	95	69	69	0.61	101	654	0.00	0.0	0	33	26.5	-18.5	
16	103	67	69	66	81	76	79	96	69	70	0.50	103	656	T	0.0	0	36	26.5	-20.0	
17	93	62	66	65	81	76	79	94	67	68	0.35	62	518	T	0.0	0	31	24.0	-12.5	
18	87	60	66	64	80	75	78	91	66	66	0.30	73	541	0.05	0.0	0	27	23.0	-8.5	
19	90	66	68	65	79	75	77	94	66	67	0.42	104	657	0.00	0.0	0	24	26.0	-13.0	
20	93	61	66	66	79	64	72	90	63	64	0.63	140	472	1.72	0.0	0	32	23.5	-12.0	
21	93	59	64	63	75	65	70	86	64	66	0.25	61	412	T	0.0	0	34	22.5	-11.0	
22	83	59	64	63	76	69	73	86	65	66	0.21	57	493	0.05	0.0	0	24	21.0	-6.0	
23	83	58	63	62	79	70	75	90	66	66	0.30	40	544	T	0.0	0	25	20.5	-5.5	
24	87	61	66	65	80	70	75	93	66	67	0.26	31	571	0.00	0.0	0	26	23.5	-9.0	
25	93	59	65	65	81	72	77	94	67	67	0.35	55	597	0.00	0.0	0	34	22.5	-11.0	
26	93	64	69	64	80	73	77	90	64	65	0.43	92	592	0.00	0.0	0	29	25.0	-13.5	
27	94	69	71	66	80	73	77	88	65	67	0.57	197	624	0.00	0.0	0	25	27.5	-16.5	
28	93	62	66	65	84	75	80	89	66	66	0.48	176	632	0.00	0.0	0	31	24.0	-12.5	
29	96	65	71	66	84	75	80	97	66	70	0.41	59	632	0.00	0.0	0	31	25.5	-15.5	
30																		0		
31																		0		
Totals	2627	1766	1938	1869	2283	2073	2189	2608	1878	1925	10.94	2722	16516	2.98	0.0		861	661.5	-311.5	
Avg.	91	61	67	64	79	71	75	90	65	66	0.38	94	570				28	22.8	-10.7	
Max	103	69	79	78	84	76	80	98	69	72	0.63	277	699	1.72			40	27.5	0.5	
Min	74	52	59	57	72	64	70	76	60	60	0.11	31	227	0.00			0	14.5	-20.0	

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