

September 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	89	49	53	50	78	69	74	90	60	60	0.32	78	559	0.00	0	0	40	18.0	-4.0
2	88	53	59	58	77	69	73	89	60	61	0.36	48	555	0.00	0	0	35	19.5	-5.5
3	85	55	59	55	76	71	74	86	58	59	0.42	141	545	0.00	0	0	30	20.0	-5.0
4	89	57	60	58	75	70	73	84	59	59	0.44	152	547	0.00	0	0	32	21.5	-8.0
5	91	60	63	60	76	70	73	86	59	63	0.43	126	544	0.00	0	0	31	23.0	-10.5
6	79	46	49	49	73	71	72	75	58	58	0.15	67	227	0.00	0	0	33	14.5	2.5
7	87	49	56	54	75	67	71	88	58	58	0.33	81	524	0.00	0	0	38	18.0	-3.0
8	85	51	58	55	74	69	72	85	58	58	0.34	107	512	0.00	0	0	34	18.0	-3.0
9	90	54	56	55	75	69	72	85	59	60	0.41	116	497	0.00	0	0	36	20.0	-7.0
10	96	53	55	52	75	69	72	85	59	59	0.50	159	510	0.00	0	0	43	19.5	-9.5
11	94	55	58	53	75	70	73	82	58	58	0.45	106	460	0.00	0	0	39	20.5	-9.5
12	91	58	62	59	74	70	72	82	58	60	0.52	166	500	0.00	0	0	33	22.0	-9.5
13	89	62	63	59	75	70	73	82	60	62	0.49	236	485	0.00	0	0	27	24.0	-10.5
14	90	60	63	60	76	71	74	87	62	63	0.38	105	489	0.00	0	0	30	23.0	-10.0
15	87	62	65	62	75	71	73	84	63	64	0.26	112	386	0.00	0	0	25	24.0	-9.5
16	96	64	65	64	75	71	73	87	64	66	0.44	145	450	0.05	0	0	32	25.0	-15.0
17	95	63	64	64	75	72	74	86	66	66	0.35	157	406	0.00	0	0	32	24.5	-14.0
18	93	61	63	63	75	70	73	86	64	64	0.51	234	412	0.25	0	0	32	23.5	-12.0
19	85	51	57	55	75	71	73	87	63	63	0.22	87	449	0.00	0	0	34	18.0	-3.0
20	87	51	52	52	74	68	71	85	62	62	0.28	55	499	0.00	0	0	36	18.5	-4.0
21	92	52	61	58	73	67	70	88	62	64	0.40	124	471	0.00	0	0	40	19.0	-7.0
22	76	47	47	47	71	68	70	76	55	56	0.30	158	312	0.34	0	0	29	13.0	3.5
23	62	39	43	43	68	65	67	70	53	53	0.16	65	320	0.04	0	0	23	6.0	14.5
24	76	42	56	54	69	62	66	78	49	56	0.20	59	477	0.00	0	0	34	13.0	6.0
25	79	44	47	45	68	64	66	74	50	53	0.22	65	334	0.00	0	0	35	14.5	3.5
26	88	47	52	50	69	62	66	83	54	55	0.25	46	468	0.00	0	0	41	18.0	-2.5
27	89	50	51	51	69	63	66	81	54	57	0.32	74	463	0.00	0	0	39	18.0	-4.5
28	90	48	53	50	71	64	68	84	57	57	0.21	28	446	0.00	0	0	42	18.0	-4.0
29	90	46	48	45	70	64	67	84	52	56	0.26	32	457	0.00	0	0	44	18.0	-3.0
30	90	48	54	52	69	63	66	81	48	54	0.40	72	454	0.00	0	0	42	18.0	-4.0
Totals	2618	1577	1692	1632	2200	2040	2127	2500	1742	1784	10.32	3201	13758	0.68	0		1041	570.5	-147.5
Avg.	87	53	56	54	73	68	71	83	58	59	0.34	107	459				35	19.0	-4.9
Max	96	64	65	64	78	72	74	90	66	66	0.52	236	559	0.34			44	25.0	14.5
Min	62	39	43	43	68	62	66	70	48	53	0.15	28	227	0.00			23	6.0	-15.0

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