

July 2019

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	100	65	70	68	82	73	78	91	66	67	0.70	122	621	0.00	0	0	35	25.5	-17.5
2	94	64	66	65	82	73	78	89	67	67	0.38	98	501	0.12	0	0	30	25.0	-14.0
3	87	60	67	66	81	73	77	88	67	68	0.21	38	396	0.00	0	0	27	23.0	-8.5
4	90	64	67	66	84	72	78	94	68	69	0.33	70	592	0.00	0	0	26	25.0	-12.0
5	92	65	65	64	80	74	77	89	68	70	0.32	132	415	0.05	0	0	27	25.5	-13.5
6	84	59	62	62	80	74	77	89	64	64	0.29	108	369	0.05	0	0	25	21.5	-6.5
7	85	62	66	65	82	73	78	91	64	66	0.34	86	517	0.00	0	0	23	23.5	-8.5
8	87	64	64	64	78	73	76	86	66	66	0.29	125	410	0.11	0	0	23	25.0	-10.5
9	88	64	65	64	79	73	76	88	64	65	0.37	117	412	0.39	0	0	24	25.0	-11.0
10	91	62	65	63	83	71	77	96	65	67	0.39	79	599	0.00	0	0	29	24.0	-11.5
11	85	56	65	62	81	73	77	91	64	64	0.30	56	605	0.00	0	0	29	20.5	-5.5
12	91	61	70	66	81	72	77	92	64	66	0.42	108	587	0.00	0	0	30	23.5	-11.0
13	97	64	73	68	83	73	78	95	65	69	0.45	71	593	0.00	0	0	33	25.0	-15.5
14	95	61	71	66	82	75	79	94	65	65	0.46	92	585	0.00	0	0	34	23.5	-13.0
15	94	66	73	67	81	74	77	91	65	68	0.48	101	585	0.00	0	0	28	26.0	-15.0
16	96	64	72	63	82	74	78	94	68	68	0.48	77	593	0.00	0	0	32	25.0	-15.0
17	95	65	77	63	83	75	79	95	68	68	0.47	78	587	0.00	0	0	30	25.5	-15.0
18	107	65	71	68	83	76	80	95	68	68	0.52	109	554	T	0	0	42	25.5	-21.0
19	103	70	74	70	84	76	80	98	68	70	0.40	59	578	0.00	0	0	33	28.0	-21.5
20	101	71	77	69	84	77	80	95	68	69	0.56	143	586	0.00	0	0	30	28.5	-21.0
21	95	65	66	66	86	77	82	93	68	68	0.43	111	548	0.26	0	0	30	25.5	-15.0
22	81	62	63	61	82	76	79	87	66	67	0.25	73	386	0.00	0	0	19	21.5	-6.5
23	80	58	61	58	84	74	79	91	62	62	0.32	66	549	0.00	0	0	22	19.0	-4.0
24	83	58	64	59	83	72	78	90	60	61	0.30	97	580	0.00	0	0	25	20.5	-5.5
25	91	63	69	61	82	72	77	88	60	63	0.60	157	577	0.00	0	0	28	24.5	-12.0
26	93	62	68	66	83	73	78	91	63	66	0.44	113	498	0.00	0	0	31	24.0	-12.5
27	93	60	68	63	84	74	79	91	64	64	0.47	105	547	0.00	0	0	33	23.0	-11.5
28	94	60	71	63	83	74	79	92	64	65	0.52	141	560	0.00	0	0	34	23.0	-12.0
29	95	63	69	66	84	75	80	91	66	68	0.42	81	500	0.00	0	0	32	24.5	-14.0
30	89	66	69	60	84	75	80	90	62	62	0.45	95	459	0.00	0	0	23	26.0	-12.5
31	98	66	70	63	83	74	79	91	62	64	0.59	152	556	0.00	0	0	32	26.0	-17.0
Totals	2854	1955	2118	1995	2553	2290	2427	2836	2019	2054	12.95	3060	16445	0.98	0		899	751.5	-389.5
Avg.	92	63	68	64	82	74	78	91	65	66	0.42	99	530				29	24.2	-12.6
Max	107	71	77	70	86	77	82	98	68	70	0.70	157	621	0.39			42	28.5	-4.0
Min	80	56	61	58	78	71	76	86	60	61	0.21	38	369	0.00			19	19.0	-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.