

May 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	45	36	39	39	56	51	54	48	41	43	0.07	105	122	T	0	0	9		24.5
2	47	27	32	32	52	50	51	51	41	41	0.04	60	111	0.04	0	0	20		28.0
3	59	32	48	48	59	47	53	66	41	50	0.17	86	457	0.07	0	0	27	4.5	19.5
4	68	45	53	52	63	51	57	74	50	53	0.12	73	364	T	0	0	23	9.0	8.5
5	76	40	54	53	66	53	65	79	48	50	0.27	109	441	0.07	0	0	36	13.0	7.0
6	83	49	52	52	69	52	61	84	50	55	0.29	93	541	T	0	0	34	16.5	-1.0
7	56	44	44	44	60	54	57	58	49	49	0.11	127	97	1.11	0	0	12	3.0	15.0
8	47	44	45	45	54	51	53	51	48	48	0.01	92	67	0.44	0	0	3		19.5
9	47	38	38	37	51	49	50	52	42	42	0.06	185	98	0.52	0	0	9		22.5
10	50	31	38	38	52	47	50	57	42	42	0.08	67	237	0.06	0	0	19	0.0	24.5
11	54	36	44	43	57	46	52	64	42	46	0.12	93	364	0.00	0	0	18	2.0	20.0
12	67	34	44	42	61	49	55	75	44	44	0.24	98	508	0.00	0	0	33	8.5	14.5
13	70	42	50	48	63	50	57	77	44	50	0.30	83	608	0.00	0	0	28	10.0	9.0
14	81	49	57	56	69	53	61	82	50	55	0.40	95	583	0.25	0	0	32	15.5	0.0
15	88	55	59	55	72	56	64	90	55	60	0.30	50	567	T	0	0	33	20.5	-6.5
16	90	53	61	56	74	60	67	88	58	59	0.36	74	549	0.00	0	0	37	19.5	-6.5
17	92	60	65	62	75	62	68	88	59	62	0.41	155	478	0.00	0	0	32	23.0	-11.0
18	87	40	53	50	70	64	67	82	50	51	0.40	211	441	0.00	0	0	47	18.0	1.5
19	76	37	44	39	72	60	66	84	44	45	0.41	149	568	0.00	0	0	39	13.0	8.5
20	65	41	42	40	69	58	64	78	45	47	0.27	135	626	T	0	0	24	7.5	12.0
21	57	40	42	42	63	58	60	61	46	47	0.05	155	205	0.32	0	0	17	3.5	16.5
22	48	34	40	39	58	51	55	52	41	42	0.06	152	102	0.92	0	0	14		24.0
23	64	40	46	43	60	49	54	72	41	51	0.24	106	576	0.00	0	0	24	7.0	13.0
24	51	43	44	44	56	53	54	56	50	51	0.07	81	138	0.60	0	0	8	0.5	18.0
25	74	43	56	54	68	53	60	82	51	59	0.24	69	612	0.00	0	0	31	12.0	6.5
26	77	54	57	57	70	58	64	88	59	61	0.29	84	572	T	0	0	23	15.5	-0.5
27	75	53	55	55	65	59	62	73	59	60		105	137	2.46	0	0	22	14.0	1.0
28	77	54	55	54	72	59	66	88	60	61	0.39	109	516	0.00	0	0	23	15.5	-0.5
29	66	47	48	48	66	61	64	70	55	55	0.14	116	163	0.03	0	0	19	8.0	8.5
30	64	45	52	48	62	59	61	70	50	51	0.06	111	381	0.00	0	0	19	7.0	10.5
31	79	49	54	52	67	56	62	84	51	61	0.21	58	574	0.00	0	0	30	14.5	1.0
Totals	2080	1335	1511	1467	1971	1679	1834	2224	1506	1591	6.18	3286	11803	6.89	0		745	281.0	307.5
Avg.	67	43	49	47	64	54	59	72	49	51	0.21	106	381				23	10.8	9.9
Max	92	60	65	62	75	64	68	90	60	62	0.41	211	626	2.46			47	23.0	28.0
Min	45	27	32	32	51	46	50	48	41	41	0.01	50	67	0.00			0	0.0	-11.0

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