

September 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	82	61	68	68	76	68	72	89	64	69	0.21	50	444	T	0	0	21	21.5	-6.5
2	85	66	68	65	76	72	74	90	67	67	0.25	111	445	0.00	0	0	19	25.5	-10.5
3	98	67	69	63	76	72	74	91	64	64	0.43	122	495	0.00	0	0	31	26.5	-17.5
4	86	62	64	61	76	71	74	88	64	66	0.33	84	526	0.00	0	0	24	24.0	-9.0
5	90	60	61	60	77	72	75	89	64	64	0.30	67	517	0.00	0	0	30	23.0	-10.0
6	103	61	66	65	76	71	74	90	64	69	0.38	59	503	0.00	0	0	42	23.5	-17.0
7	81	63	65	63	77	72	75	85	66	66	0.27	89	401	0.00	0	0	18	22.0	-7.0
8	87	63	64	64	77	71	74	87	66	68	0.19	39	350	T	0	0	24	24.5	-10.0
9	75	63	63	63	74	72	73	77	66	66	0.15	93	191	0.19	0	0	12	19.0	-4.0
10	90	62	66	65	78	71	74	89	66	66	0.23	86	401	0.00	0	0	28	24.0	-11.0
11	91	66	68	64	77	71	74	88	66	66	0.30	141	485	0.00	0	0	25	26.0	-13.5
12	94	54	56	55	77	71	74	87	59	59	0.43	170	434	0.03	0	0	40	20.0	-9.0
13	81	44	50	49	75	70	73	79	55	55	0.34	83	504	0.00	0	0	37	15.5	2.5
14	83	49	64	63	73	66	70	81	55	63	0.27	123	473	0.00	0	0	34	16.5	-1.0
15	90	55	58	58	77	69	73	92	63	66	0.26	29	473	0.00	0	0	35	20.5	-7.5
16	94	58	68	61	75	69	72	86	63	63	0.41	122	460	0.00	0	0	36	22.0	-11.0
17	92	66	67	62	74	70	72	81	63	63	0.45	202	363	0.00	0	0	26	26.0	-14.0
18	97	57	61	57	75	70	73	84	62	62	0.45	181	450	0.00	0	0	40	21.5	-12.0
19	83	55	62	62	75	69	72	84	62	64	0.30	65	470	0.00	0	0	28	19.0	-4.0
20	93	61	64	61	75	69	72	87	64	64	0.36	142	407	0.10	0	0	32	23.5	-12.0
21	85	53	56	54	74	70	72	83	62	62	0.34	186	417	0.00	0	0	32	19.0	-4.0
22	83	50	51	51	74	69	72	84	56	56	0.36	111	470	0.24	0	0	33	16.5	-1.5
23	78	51	55	53	74	66	70	82	56	56	0.22	47	472	0.00	0	0	27	14.5	0.5
24	85	55	62	62	72	65	71	81	56	65	0.24	93	416	0.00	0	0	30	20.0	-5.0
25	89	50	52	51	72	68	70	83	58	58	0.20	43	348	0.00	0	0	39	18.0	-4.5
26	78	50	56	49	71	65	68	80	55	55	0.30	76	450	0.00	0	0	28	14.0	1.0
27	77	54	55	52	69	65	67	73	55	58	0.15	114	276	0.00	0	0	23	15.5	-0.5
28	75	49	50	48	69	65	67	78	53	53	0.26	103	438	0.00	0	0	26	12.5	3.0
29	66	49	66	65	66	63	65	62	53	62	0.02	82	82	0.01	0	0	17	8.0	7.5
30	93	65	70	67	70	64	67	82	62	68	0.40	268	384	0.00	0	0	28	25.5	-14.0
Totals	2584	1719	1845	1781	2227	2066	2153	2512	1829	1883	8.80	3181	12545	0.57	0		865	607.5	-201.5
Avg.	86	57	62	59	74	69	72	84	61	63	0.29	106	418				29	20.3	-6.7
Max	103	67	70	68	78	72	75	92	67	69	0.45	268	526	0.24			42	26.5	7.5
Min	66	44	50	48	66	63	65	62	53	53	0.02	29	82	0.00			12	8.0	-17.5

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