

July 2017

Weather data collected at the KSU Northwest Research-Extension Center, Colby, Kansas.

Day	Air Temperature, F				Soil Temperature, F			Water Temperature, F			Evap. in.	Wind mi/d	Solar Rad., ly	Precip. in.	Snow in.	Depth in.	Air Temp Spread, F	GDU	HDU
	Max	Min	8:00	Wet-B	Max	Min	Avg	Max	Min	8:00									
1	86	53	63	58	75	71	73	80	60	61	0.20	62	489	0.00	0	0	33	19.5	-4.5
2	90	62	72	66	76	69	73	87	61	66	0.47	160	704	0.00	0	0	28	24.0	-11.0
3	98	81	66	62	77	71	74	91	63	64	0.50	161	670	0.05	0	0	17	33.5	-24.5
4	86	58	61	59	77	72	75	86	64	64	0.27	72	453	0.12	0	0	28	22.0	-7.0
5	87	59	71	68	80	71	76	94	64	69	0.34	50	675	0.00	0	0	28	22.5	-8.0
6	93	62	73	68	82	74	78	98	67	68	0.39	61	676	0.00	0	0	31	24.0	-12.5
7	101	67	70	64	82	75	79	97	64	65	0.62	110	668	0.13	0	0	34	26.5	-19.0
8	90	63	67	64	81	74	78	93	65	67	0.27	86	631	0.00	0	0	27	24.5	-11.5
9	94	63	75	67	82	75	79	96	67	68	0.30	65	607	0.13	0	0	31	24.5	-13.5
10	98	68	72	68	83	75	79	97	68	69	0.45	92	703	0.00	0	0	30	27.0	-18.0
11	101	69	73	66	83	76	79	94	69	69	0.49	87	690	0.00	0	0	32	27.5	-20.0
12	103	70	76	68	84	77	81	98	69	71	0.56	75	643	0.00	0	0	33	28.0	-21.5
13	98	63	66	66	83	72	78	94	67	67	N/A	109	580	1.89	0	0	35	24.5	-15.5
14	83	63	69	67	78	72	75	87	67	69	0.21	36	397	T	0	0	20	23.0	-8.0
15	88	66	74	71	82	75	80	95	69	71	0.32	54	655	0.00	0	0	22	26.0	-12.0
16	89	64	69	66	82	77	80	93	69	70	0.20	36	436	0.01	0	0	25	25.0	-11.5
17	87	67	71	67	81	76	79	87	70	71	0.22	64	425	0.07	0	0	20	26.5	-12.0
18	95	64	73	68	80	77	79	91	69	70	0.41	118	613	0.00	0	0	31	25.0	-14.5
19	95	67	72	68	82	76	79	98	70	74	0.34	57	663	0.00	0	0	28	26.5	-16.0
20	101	63	71	67	81	78	80	94	67	68	0.53	176	673	0.00	0	0	38	24.5	-17.0
21	101	64	73	66	81	77	79	94	68	68	0.45	97	672	0.00	0	0	37	25.0	-17.5
22	103	62	75	65	83	77	80	98	67	68	0.50	74	683	0.00	0	0	41	24.0	-17.5
23	92	57	64	61	81	77	79	98	64	64	0.39	77	506	0.00	0	0	35	21.5	-9.5
24	94	62	71	67	81	75	78	93	64	67	0.40	62	669	0.00	0	0	32	24.0	-13.0
25	97	69	73	68	81	76	79	90	67	69	0.52	148	673	0.00	0	0	28	27.5	-18.0
26	100	70	73	67	81	77	79	93	68	72	0.53	147	646	0.00	0	0	30	28.0	-20.0
27	84	69	71	68	80	77	79	85	72	72	0.26	119	355	0.00	0	0	15	26.5	-11.5
28	86	63	68	65	81	77	79	91	68	68	0.27	187	437	0.00	0	0	23	24.5	-9.5
29	92	62	68	65	81	77	79	93	68	69	0.33	86	521	0.03	0	0	30	24.0	-12.0
30	88	64	66	64	82	77	80	93	68	68	0.40	99	625	0.14	0	0	24	25.0	-11.0
31	79	63	66	63	80	77	79	82	67	67	0.23	107	307	T	0	0	16	21.0	-6.0
Totals	2879	1997	2172	2037	2503	2327	2424	2860	2070	2113	11.37	2934	18145	2.57	0		882	775.5	-423.0
Avg.	93	64	70	66	81	75	78	92	67	68	0.38	95	585				28	25.0	-13.6
Max	103	81	76	71	84	78	81	98	72	74	0.62	187	704	1.89			41	33.5	-4.5
Min	79	53	61	58	75	69	73	80	60	61	0.20	36	307	0.00			15	19.5	-24.5

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