

## August 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	85	64	65	65	81	75	77	93	67	69	0.27	84	546	T	0	0	21	24.5	-9.5
2	87	54	63	60	81	76	79	93	64	64	0.30	50	580	0.00	0	0	33	20.0	-5.5
3	90	57	58	57	81	75	78	89	63	63	0.44	91	577	0.71	0	0	33	21.5	-8.5
4	75	57	57	55	76	74	72	81	61	61	0.27	73	439	0.02	0	0	18	16.0	-1.0
5	81	57	64	63	76	72	74	80	61	65	0.27	125	490	0.00	0	0	24	19.0	-4.0
6	81	59	65	65	76	73	75	85	65	68	0.20	52	449	T	0	0	22	20.0	-5.0
7	81	59	61	60	77	73	75	89	66	66	0.25	55	440	0.95	0	0	22	20.0	-5.0
8	75	60	62	62	76	71	74	81	66	66	0.15	39	369	T	0	0	15	17.5	-2.5
9	72	57	60	60	74	73	74	75	63	63	0.17	79	238	0.02	0	0	15	14.5	0.5
10	87	59	64	63	79	76	78	93	63	68	0.18	48	465	0.00	0	0	28	22.5	-8.0
11	74	56	58	58	76	72	74	80	64	64	0.18	63	327	0.16	0	0	18	15.0	0.0
12	77	58	63	61	78	70	74	89	64	66	0.24	55	575	0.00	0	0	19	17.5	-2.5
13	82	56	63	62	75	72	74	83	64	64	0.20	108	370	0.12	0	0	26	19.0	-4.0
14	88	56	62	60	79	70	75	93	64	66	0.32	67	586	0.02	0	0	32	21.0	-7.0
15	93	61	67	66	80	71	76	92	66	69	0.33	89	570	T	0	0	32	23.5	-12.0
16	91	59	61	60	78	73	76	88	65	65	0.36	138	542	0.06	0	0	32	22.5	-10.0
17	82	51	59	57	77	72	75	84	61	61	0.30	81	457	T	0	0	31	16.5	-1.5
18	88	57	61	60	78	70	74	90	61	63	0.27	87	584	0.51	0	0	31	21.5	-7.5
19	87	56	70	66	79	70	75	90	63	66	0.43	55	604	0.00	0	0	31	21.0	-6.5
20	95	57	65	61	78	71	75	89	65	65	0.39	124	544	0.00	0	0	38	21.5	-11.0
21	97	64	68	64	79	72	76	92	65	69	0.38	90	570	0.00	0	0	33	25.0	-15.5
22	90	60	63	62	78	74	76	88	68	68	0.27	101	429	0.00	0	0	30	23.0	-10.0
23	81	52	56	52	79	73	76	86	58	58	0.24	77	479	0.00	0	0	29	16.5	-1.5
24	86	55	61	60	76	71	74	85	58	64	0.40	149	585	0.00	0	0	31	20.5	-5.5
25	86	60	65	64	76	71	74	72	84	64	0.24	122	393	0.00	0	0	26	23.0	-8.0
26	89	60	64	63	77	71	74	88	66	66	0.39	131	582	0.00	0	0	29	23.0	-9.5
27	92	62	65	64	78	72	75	91	66	67	0.30	88	478	0.10	0	0	30	24.0	-12.0
28	85	54	58	57	79	72	76	92	65	65	0.26	48	537	0.00	0	0	31	19.5	-4.5
29	86	51	57	55	79	71	75	91	62	62	0.32	44	559	0.00	0	0	35	18.5	-3.5
30	89	53	58	55	76	71	74	89	61	62	0.30	71	548	0.00	0	0	36	19.5	-6.0
31	90	51	57	55	76	70	73	87	61	61	0.34	72	552	0.00	0	0	39	18.5	-5.5
Totals	2642	1772	1920	1872	2408	2237	2327	2698	1990	2008	8.96	2556	15464	2.67	0		870	625.5	-192.0
Avg.	85	57	62	60	78	72	75	87	64	65	0.29	82	499				28	20.2	-6.2
Max	97	64	70	66	81	76	79	93	84	69	0.44	149	604	0.95			39	25.0	0.5
Min	72	51	56	52	74	70	72	72	58	58	0.15	39	238	0.00			15	14.5	-15.5

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