

July 2016

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	89	64	65	64	81	75	78	93	66	68	0.38	70	641	0.13	0	0	25	25.0	-11.5
2	79	64	67	66	78	75	77	80	68	68	0.21	89	282	0.15	0	0	15	21.5	-6.5
3	77	62	64	63	76	74	75	81	67	67	0.10	66	253	0.21	0	0	15	19.5	-4.5
4	82	62	67	64	78	73	76	89	67	68	0.20	63	444	0.00	0	0	20	22.0	-7.0
5	97	61	72	65	81	74	78	95	67	68	0.42	61	701	0.00	0	0	36	23.5	-14.0
6	97	64	69	66	82	75	79	95	68	69	0.42	86	681	0.12	0	0	33	25.0	-15.5
7	95	66	73	66	82	76	79	94	68	68	0.46	123	642	0.00	0	0	29	26.0	-15.5
8	92	61	68	68	82	76	79	96	68	69	0.44	85	575	0.41	0	0	31	23.5	-11.5
9	87	65	72	69	80	75	78	88	68	69	0.24	69	496	0.00	0	0	22	25.5	-11.0
10	94	68	73	69	82	76	79	95	68	71	0.45	19	690	0.00	0	0	26	27.0	-16.0
11	98	70	74	68	81	77	79	93	70	70	0.56	207	692	0.00	0	0	28	28.0	-19.0
12	94	63	67	55	81	77	79	93	62	63	0.52	117	696	0.00	0	0	31	24.5	-13.5
13	91	57	63	62	82	75	79	93	62	64	0.85	106	691	1.17	0	0	34	21.5	-9.0
14	92	62	65	62	79	67	73	97	64	67	0.30	67	659	0.11	0	0	30	24.0	-12.0
15	85	63	67	66	79	73	76	91	66	67	0.27	55	564	0.00	0	0	22	24.0	-9.0
16	78	56	65	62	77	74	76	82	63	64	0.45	117	467	0.00	0	0	22	17.0	-2.0
17	89	63	70	67	77	72	75	87	63	70	0.40	155	687	0.00	0	0	26	24.5	-11.0
18	91	69	74	71	80	74	77	94	70	74	0.38	101	663	0.00	0	0	22	27.5	-15.0
19	96	66	73	67	82	76	79	96	69	70	0.40	92	639	0.00	0	0	30	26.0	-16.0
20	97	71	75	66	81	77	79	90	68	68	0.54	172	681	0.00	0	0	26	28.5	-19.0
21	101	68	72	68	84	76	80	99	68	70	0.51	84	675	0.00	0	0	33	27.0	-19.5
22	103	71	77	68	84	78	81	99	70	75	0.40	42	661	0.00	0	0	32	28.5	-22.0
23	99	69	71	68	83	79	81	93	70	71	0.43	95	468	0.11	0	0	30	27.5	-19.0
24	101	69	71	68	84	78	81	96	71	72	0.41	83	606	0.05	0	0	32	27.5	-20.0
25	92	62	64	64	83	78	81	93	66	67	0.43	102	628	0.22	0	0	30	24.0	-12.0
26	86	64	70	69	83	77	80	90	66	69	0.36	86	663	0.00	0	0	22	25.0	-10.0
27	89	60	66	64	82	78	80	92	66	66	0.30	105	530	0.00	0	0	29	23.0	-9.5
28	93	63	68	62	83	76	80	96	66	66	0.39	87	620	0.09	0	0	30	24.5	-13.0
29	89	59	64	63	81	77	79	89	66	66	0.30	78	489	0.15	0	0	30	22.5	-9.0
30	81	61	69	67	81	76	79	89	66	68	0.22	36	500	0.00	0	0	20	21.0	-6.0
31	89	61	68	63	82	76	79	90	67	68	0.41	98	640	0.00	0	0	28	23.5	-10.0
Totals	2823	1984	2143	2030	2511	2340	2431	2848	2074	2120	12.15	2816	18324	2.92	0		839	758.0	-388.5
Avg.	91	64	69	65	81	75	78	92	67	68	0.39	91	591				27	24.5	-12.5
Max	103	71	77	71	84	79	81	99	71	75	0.85	207	701	1.17			36	28.5	-2.0
Min	77	56	63	55	76	67	73	80	62	63	0.10	19	253	0.00			15	17.0	-22.0

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