

# July 2012

## 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	102	63	70	65	89	80	85	94	61	61	0.52	147	561	0.09			39	24.5	-17.5
2	95	68	72	65	86	77	82	88	61	64	0.56	144	652	0.00			27	27.0	-16.5
3	101	66	77	66	87	78	83	89	64	65	0.58	134	658	0.00			35	26.0	-18.5
4	102	73	81	79	88	79	83	91	66	69	0.63	180	683	0.00			29	29.5	-22.5
5	102	72	75	66	89	80	85	92	66	66	0.75	155	668	0.00			30	29.0	-22.0
6	101	71	71	65	89	81	85	90	64	64	0.60	172	670	0.00			30	28.5	-21.0
7	100	66	68	65	90	80	85	91	64	65	0.67	121	703	0.00			34	26.0	-18.0
8	93	63	64	64	90	80	85	95	64	64	0.64	96	656	1.49			30	24.5	-13.0
9	80	64	67	65	86	76	81	83	64	66	0.22	79	442	0.07			16	22.0	-7.0
10	79	55	63	61	78	74	76	83	61	61	0.25	72	548	0.00			24	17.0	-2.0
11	86	58	66	63	84	69	76	89	60	63	0.34	56	721	0.00			28	22.0	-7.0
12	89	59	68	62	87	73	80	91	61	61	0.57	60	707	0.00			30	22.5	-9.0
13	95	63	70	65	87	74	81	89	60	63	0.65	104	673	0.78			32	24.5	-14.0
14	93	63	69	67	84	74	79	93	63	67	0.38	39	693	0.00			30	24.5	-13.0
15	99	68	71	68	88	74	81	97	69	69	0.39	32	705	0.00			31	27.0	-18.5
16	99	67	72	65	87	76	82	87	64	65	0.69	226	697	0.00			32	26.5	-18.0
17	97	61	69	65	89	77	83	90	63	64	0.58	100	704	0.00			36	23.5	-14.0
18	99	64	69	64	91	78	84	97	64	66	0.44	39	679	0.00			35	25.0	-16.5
19	99	69	75	69	92	79	86	96	66	69	0.42	50	690	0.00			30	27.5	-19.0
20	101	65	74	66	93	81	87	96	66	66	0.51	71	689	0.00			36	25.5	-18.0
21	100	67	73	65	92	81	87	93	63	63	0.60	87	698	0.00			33	26.5	-18.5
22	103	66	74	61	91	81	86	92	61	61	0.55	107	677	0.00			37	26.0	-19.5
23	102	66	74	65	91	80	86	90	59	64	0.60	94	688	0.00			36	26.0	-19.0
24	99	66	73	67	90	80	85	91	64	64	0.56	95	685	0.00			33	26.0	-17.5
25	104	67	76	65	92	80	86	94	64	66	0.57	98	673	0.00			37	26.5	-20.5
26	98	60	67	63	90	82	86	92	64	64	0.53	99	657	0.00			38	23.0	-14.0
27	98	61	70	64	90	80	85	93	64	66	0.36	34	652	0.00			37	23.5	-14.5
28	99	69	73	66	90	80	85	93	63	63	0.51	91	659	0.00			30	27.5	-19.0
29	103	72	76	70	90	81	85	91	63	67	0.54	106	589	0.00			31	29.0	-22.5
30	97	69	70	69	87	81	84	91	63	66	0.33	119	416	0.04			28	27.5	-18.0
31	95	65	70	69	90	80	85	95	65	66	0.46	72	590	0.31			30	25.5	-15.0
Totals	3010	2026	2207	2039	2747	2426	2589	2836	1964	2008	16.00	3079	20183	2.78	0		984	789.5	-503.0
Avg.	97	65	71	66	89	78	84	91	63	65	0.52	99	651				32	25.5	-16.2
Max	104	73	81	79	93	82	87	97	69	69	0.75	226	721	1.49			39	29.5	-2.0
Min	79	55	63	61	78	69	76	83	59	61	0.22	32	416	0.00			16	17.0	-22.5

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