

# August 2011

## 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	99	70	75	68	89	78	84	93	67	67	0.45	102	674	0.00			29	28.0	-19.5
2	100	71	77	67	89	79	84	91	67	68	0.65	119	697	0.00			29	28.5	-20.5
3	91	67	68	68	86	80	83	90	68	68	0.34	91	473	0.15			24	26.5	-14.0
4	83	67	69	69	83	78	81	84	67	70	0.15	44	368	0.00			16	25.0	-10.0
5	92	63	65	64	86	76	81	94	66	66	0.64	72	560	1.63			29	24.5	-12.5
6	87	65	71	68	84	74	79	94	65	68	0.26	46	687	0.00			22	25.5	-11.0
7	94	70	74	67	87	75	81	96	68	70	0.32	55	688	0.22			24	28.0	-17.0
8	92	66	69	67	85	77	81	90	67	67	0.45	122	660	0.00			26	26.0	-14.0
9	88	53	63	60	89	72	81	95	61	61	0.36	47	673	0.78			35	19.5	-5.5
10	88	57	61	60	80	71	76	89	60	60	0.33	130	658	0.06			31	21.5	-7.5
11	81	59	63	61	80	70	75	86	60	62	0.27	83	589	0.00			22	20.0	-5.0
12	87	62	66	64	83	71	77	88	62	65	0.31	87	603	0.04			25	24.0	-9.5
13	79	59	66	63	81	74	78	84	65	65	0.19	55	527	0.00			20	19.0	-4.0
14	84	62	66	62	84	73	78	88	63	63	0.29	82	540	0.00			22	23.0	-8.0
15	90	66	71	65	84	74	79	88	67	70	0.45	156	595	0.00			24	26.0	-13.0
16	91	63	69	67	88	76	82	94	65	68	0.30	47	656	0.00			28	24.5	-12.0
17	92	68	69	68	87	78	83	89	67	70	0.38	95	661	0.00			24	27.0	-15.0
18	90	62	68	65	87	79	83	88	65	65	0.30	74	527	0.00			28	24.0	-11.0
19	102	61	64	60	88	78	83	92	64	64	0.41	45	605	0.00			41	23.5	-16.5
20	95	63	65	64	86	77	82	90	64	64	0.23	69	516	T			32	24.5	-14.0
21	86	64	66	66	86	77	81	89	65	66	0.23	46	503	0.00			22	25.0	-10.0
22	96	64	68	66	87	78	82	89	65	65	0.45	83	628	0.00			32	25.0	-15.0
23	97	62	66	62	89	78	83	92	65	66	0.40	62	633	0.00			35	24.0	-14.5
24	104	59	64	56	89	78	84	93	62	62	0.39	33	581	0.00			45	22.5	-16.5
25	96	59	65	62	88	77	82	89	62	63	0.42	80	632	0.00			37	22.5	-12.5
26	97	63	69	63	86	78	82	87	62	63	0.45	112	620	0.00			34	24.5	-15.0
27	97	63	64	64	86	78	82	87	63	64	0.39	62	554	0.00			34	24.5	-15.0
28	94	61	67	65	88	78	83	93	64	66	0.30	41	610	0.00			33	23.5	-12.5
29	102	61	67	66	87	78	83	94	66	68	0.33	48	481	0.06			41	23.5	-16.5
30	81	61	63	63	84	77	80	85	65	65	0.23	61	438	0.20			20	21.0	-6.0
31	94	63	68	65	84	75	79	92	64	69	0.25	28	594	0.00			31	24.5	-13.5
Totals	2849	1954	2086	1995	2660	2362	2512	2793	2001	2038	10.92	2277	18231	3.14	0		895	749.0	-386.5
Avg.	92	63	67	64	86	76	81	90	65	66	0	73	588				29	24.2	-12.5
Max	104	71	77	69	89	80	84	96	68	70	0.65	156	697	1.63			45	28.5	-4.0
Min	79	53	61	56	80	70	75	84	60	60	0.15	28	368	0.00			16	19.0	-20.5

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