

# August 2010

## 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	89	67	70	69	100	78	89	88	67	67	0.32	93	434	0.22			22	26.5	-13.0
2	93	66	72	71	102	72	87	93	67	68	0.38	91	663	0.00			27	26.0	-14.5
3	97	65	68	68	105	72	89	98	69	69	0.48	83	688	0.65			32	25.5	-16.0
4	92	64	66	66	101	72	86	98	66	66	0.52	73	679	1.38			28	25.0	-13.0
5	85	64	69	69	89	69	79	92	66	70	0.26	52	634	0.00			21	24.5	-9.5
6	87	65	67	67	96	69	82	93	67	67	0.27	60	565	0.03			22	25.5	-11.0
7	85	66	70	68	98	70	84	90	67	67	0.24	71	544	0.00			19	25.5	-10.5
8	95	68	71	70	106	71	88	97	65	70	0.30	47	673	0.00			27	27.0	-16.5
9	97	69	74	68	107	75	91	99	68	69	0.42	52	680	0.00			28	27.5	-18.0
10	97	65	68	68	104	76	90	94	67	67	0.34	71	574	0.13			32	25.5	-16.0
11	94	63	68	68	104	73	88	96	66	68	0.30	29	683	0.00			31	24.5	-13.5
12	98	63	69	67	104	73	89	94	66	66	0.37	76	630	0.00			35	24.5	-15.5
13	99	63	65	65	105	74	89	95	65	60	0.39	55	638	0.00			36	24.5	-16.0
14	90	58	68	65	98	75	86	87	64	64	0.39	88	680	0.00			32	22.0	-9.0
15	90	62	63	62	102	73	87	90	63	63	0.30	73	582	T			28	24.0	-11.0
16	81	57	62	62	98	72	85	91	63	63	0.29	43	601	0.02			24	19.0	-4.0
17	82	59	62	62	92	70	81	83	62	63	0.26	105	480	T			23	20.5	-5.5
18	81	59	63	63	93	71	82	81	63	63	0.15	53	387	0.00			22	20.0	-5.0
19	94	63	71	67	100	69	85	91	64	66	0.40	113	663	0.00			31	24.5	-13.5
20	97	63	67	63	96	74	85	87	65	65	0.33	85	397	0.08			34	24.5	-15.0
21	93	56	63	62	97	70	83	90	62	63	0.34	66	632	0.00			37	21.0	-9.5
22	94	55	59	58	93	58	75	91	60	60	0.37	48	662	0.00			39	20.5	-9.5
23	91	58	69	67	93	61	77	86	59	64	0.55	139	653	0.00			33	22.0	-9.5
24	93	57	57	57	95	65	80	89	59	59	0.30	125	627	0.00			36	21.5	-10.0
25	81	47	53	53	100	69	85	84	55	55	0.39	61	597	0.00			34	15.5	1.0
26	83	49	53	53	92	71	82	84	51	53	0.36	84	491	0.00			34	16.5	-1.0
27	85	49	52	52	85	68	77	82	52	52	0.39	119	477	0.00			36	17.5	-2.0
28	90	52	65	62	95	63	79	83	50	58	0.42	142	663	0.00			38	19.0	-6.0
29	91	64	69	62	94	68	81	84	57	60	0.55	219	603	0.00			27	25.0	-12.5
30	94	67	71	66	97	71	84	87	58	62	0.57	183	585	0.00			27	26.5	-15.5
31	90	59	64	62	91	73	82	83	61	61	0.46	150	518	0.04			31	22.5	-9.5
Totals	2808	1882	2028	1982	3032	2185	2607	2780	1934	1968	11.41	2749	18383	2.55	0		926	714.0	-330.0
Avg.	91	61	65	64	98	70	84	90	62	63	0.37	89	593				30	23.0	-10.6
Max	99	69	74	71	107	78	91	99	69	70	0.57	219	688	1.38			39	27.5	1.0
Min	81	47	52	52	85	58	75	81	50	52	0.15	29	387	0.00			19	15.5	-18.0

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