

# July 2014

## 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	92	56	63	57	79	76	78	82	64	64	0.49	95	683	0.00	0	0	36	21.0	-9.0
2	85	58	62	57	77	73	75	82	62	62	0.41	102	674	0.00	0	0	27	21.5	-6.5
3	81	57	64	60	78	72	75	86	60	61	0.28	61	564	0.00	0	0	24	19.0	-4.0
4	85	59	68	65	76	71	74	80	62	64	0.40	195	601	0.00	0	0	26	22.0	-7.0
5	96	60	70	67	78	72	76	94	66	66	0.49	162	648	0.06	0	0	36	23.0	-13.0
6	96	61	69	64	81	74	78	84	68	68	0.34	28	707	0.00	0	0	35	23.5	-13.5
7	101	62	72	66	82	74	78	96	68	68	0.46	60	684	0.05	0	0	39	24.0	-16.5
8	100	61	66	64	81	75	78	95	66	66	0.50	90	595	0.52	0	0	39	23.5	-15.5
9	85	58	68	63	80	74	77	92	66	67	0.29	36	640	0.00	0	0	27	21.5	-6.5
10	88	64	66	63	80	74	77	88	65	66	0.45	188	684	0.00	0	0	24	25.0	-11.0
11	91	64	74	63	80	74	77	91	66	66	0.50	168	640	0.00	0	0	27	25.0	-12.5
12	101	62	71	67	81	75	78	90	66	66	0.59	137	693	0.00	0	0	39	24.0	-16.5
13	90	66	71	69	81	75	78	93	66	70	0.41	82	644	0.00	0	0	24	26.0	-13.0
14	90	60	66	64	82	76	79	95	65	65	0.31	50	518	0.23	0	0	30	23.0	-10.0
15	84	52	55	55	80	74	77			59	0.33	71	669	0.03	0	0	32	18.0	-3.0
16	68	55	59	55	76	72	74	68	59	60	0.18	82	248	0.03	0	0	13	11.5	3.5
17	62	56	56	56	72	69	71	63	59	59	0.00	89	115	0.11	0	0	6	9.0	6.0
18	64	56	58	58	70	68	69	66	59	59	0.09	66	171	0.09	0	0	8	10.0	5.0
19	82	58	62	62	74	67	71	83	59	63	0.16	140	527	0.00	0	0	24	20.0	-5.0
20	90	62	66	59	76	69	73	88	63	67	0.28	103	492	0.00	0	0	28	24.0	-11.0
21	104	65	74	68	80	71	76	95	67	69	0.41	75	660	0.00	0	0	39	25.5	-19.5
22	104	63	72	65	82	74	78	96	66	66	0.45	113	633	0.00	0	0	41	24.5	-18.5
23	99	68	69	68	83	75	79	97	66	71	0.45	84	668	0.00	0	0	31	27.0	-18.5
24	96	66	70	68	82	77	80	90	67	68	0.38	132	518	0.00	0	0	30	26.0	-16.0
25	104	68	72	65	82	76	79	91	67	67	0.64	166	652	0.00	0	0	36	27.0	-21.0
26	97	64	73	68	82	77	80	94	67	69	0.43	77	629	0.05	0	0	33	25.0	-15.5
27	100	61	67	64	82	76	79	92	66	67	0.52	98	670	0.00	0	0	39	23.5	-15.5
28	89	57	66	59	81	74	78	90	65	65	0.34	53	609	0.00	0	0	32	21.5	-8.0
29	89	57	63	61	82	75	79	89	64	64	0.45	83	644	0.00	0	0	32	21.5	-8.0
30	91	60	60	60	82	76	79	90	64	64	0.49	92	558	0.73	0	0	31	23.0	-10.5
31	77	54	58	58	78	74	76	77	62	62	0.12	28	251	0.03	0	0	23	15.5	-0.5
Totals	2781	1870	2050	1938	2460	2279	2376	2617	1930	2018	11.64	3006	17689	1.93	0		911	674.5	-310.5
Avg.	90	60	66	63	79	74	77	87	64	65	0.38	97	571				29	21.8	-10.0
Max	104	68	74	69	83	77	80	97	68	71	0.64	195	707	0.73			41	27.0	6.0
Min	62	52	55	55	70	67	69	63	59	59	0.00	28	115	0.00			6	9.0	-21.0

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