

# April 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	85	48	52	52	65	55	60	79	48	52	0.38	118	576	0.00			37	17.5	-1.5
2	92	43	49	45	67	57	62	59	43	43	0.42	100	604	0.00			49	18.0	-2.5
3	68	39	40	40	62	56	59	70	39	39	0.43	244	587	0.56			29	9.0	11.5
4	46	39	44	44	57	49	53	44	39	44	0.00	112	72	1.11			7		22.5
5	47	41	44	44	49	48	49	47	43	44	0.02	77	77	0.17			6		21.0
6	62	44	47	47	56	48	52	59	45	47	0.08	100	319	T			18	6.0	12.0
7	60	37	42	34	54	50	52	60	37	37	0.11	229	235	0.00			23	5.0	16.5
8	61	32	37	35	55	46	51	65	36	36	0.32	97	648	0.00			29	5.5	18.5
9	74	36	38	36	60	45	53	74	37	44	0.19	75	635	0.00			38	12.0	10.0
10	68	35	37	36	60	49	54	70	40	40	0.26	42	486	0.00			33	9.0	13.5
11	64	37	46	42	58	50	54	64	41	46	0.20	62	438	0.00			27	7.0	14.5
12	60	45	48	48	56	53	55	60	46	47	0.15	180	289	0.01			15	5.0	12.5
13	74	41	44	42	59	52	56	70	45	45	0.22	185	332	T			33	12.0	7.5
14	71	44	56	56	62	53	57	69	45	50	0.21	93	533	0.00			27	10.5	7.5
15	81	43	44	44	64	54	59	84	46	46	0.44	213	580	T			38	15.5	3.0
16	52	30	33	33	61	51	56	53	37	37	0.14	200	286	0.14			22	1.0	24.0
17	56	33	42	42	53	47	50	55	37	39	0.09	77	297	0.31			23	3.0	20.5
18	74	41	46	44	58	46	52	72	38	46	0.30	127	636	0.00			33	12.0	7.5
19	74	46	54	50	64	50	57	62	46	51	0.22	109	623	0.00			28	12.0	5.0
20	65	35	43	42	61	56	58	67	43	43	0.21	130	488	0.00			30	7.5	15.0
21	64	42	53	47	63	52	57	65	42	44	0.26	91	646	0.00			22	7.0	12.0
22	73	41	45	41	64	53	59	75	44	44	0.28	105	664	T			32	11.5	8.0
23	66	33	42	40	64	55	60	74	43	43	0.25	45	622	0.00			33	8.0	15.5
24	82	42	57	51	67	54	60	81	43	51	0.36	103	685	0.00			40	16.0	3.0
25	95	52	57	51	70	58	64	84	50	53	0.41	102	656	T			43	19.0	-8.5
26	85	57	61	53	70	61	66	83	53	58	0.36	65	629	T			28	21.0	-6.0
27	75	55	59	59	56	34	45	73	56	56	0.23	141	299	0.13			20	15.0	0.0
28	65	42	46	40	64	55	59	66	43	43	0.19	107	369	0.40			23	7.5	11.5
29	65	45	49	43	63	53	58	68	48	49	0.17	66	609	0.00			20	7.5	10.0
30	70	44	49	49	67	55	61	75	49	51	0.23	75	552	0.00			26	10.0	8.0
Totals	2074	1242	1404	1330	1829	1545	1688	2027	1302	1368	7.13	3470	14472	2.83	0		832	290.0	292.0
Avg.	69	41	47	44	61	52	56	68	43	46	0	116	482				28	10.4	9.7
Max	95	57	61	59	70	61	66	84	56	58	0.44	244	685	1.11			49	21.0	24.0
Min	46	30	33	33	49	34	45	44	36	36	0	42	72	0.00			6	1.0	-8.5

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