

April 2013

Weather data collected at the KSU Northwest Research-Extension Center, Colby, Kansas.

Day	Air Temperature, F				Soil Temperature, F			Water Temperature, F			Evap. in.	Wind mi/d	Solar Rad., ly	Precip. in.	Snow in.	Depth in.	Air Temp Spread, F	GDU	HDU
	Max	Min	8:00	Wet-B	Max	Min	Avg	Max	Min	8:00									
1	69	28	28		56	43	49					572	0.00			41	9.5	16.5	
2	49	27	34	32	52	42	47	56	36	36	0.08	91	427	0.00		22		27.0	
3	43	32	32	32	46	42	44	45	36	36	0.10	67	172	0.00		11		27.5	
4	51	26	28	28	49	41	45	57	33	33	0.11	127	451	0.00		25	0.5	26.5	
5	69	28	41	38	57	39	48	70	32	39	0.27	95	579	0.00		41	9.5	16.5	
6	78	41	48	44	57	39	48	76	38	43	frozen	187	478	0.00		37	14.0	5.5	
7	72	48	50	46	55	46	51	71	43	47	0.51	130	379	0.00		24	11.0	5.0	
8	76	38	40	39	58	49	54	73	44	44	0.45	76	529	0.00		38	13.0	8.0	
9	73	22	22	22	61	51	56	71	35	35	0.15	214	535	T		51	11.5	17.5	
10	22	16	17	17	60	50	55	35	32	32	frozen	292	484	T	1	1	6		46.0
11	35	17	20	20	58	40	49	33	30	30	0.00	191	106	T		18		39.0	
12	51	20	32	31	40	37	39	49	29	34	0.36	135	289	0.00		31	0.5	29.5	
13	59	28	32	32	50	39	45	58	34	35	0.06	56	411	0.14		31	4.5	21.5	
14	73	32	47	42	52	40	46	66	32	44	0.33	229	532	0.00		41	11.5	12.5	
15	61	32	36	32	51	47	49	57	36	36	0.34	164	403	0.00		29	5.5	18.5	
16	52	31	31	30	53	44	48	61	36	37	0.25	123	528	0.00		21	1.0	23.5	
17	45	31	35	33	48	45	47	47	36	36	0.12	135	235	0.00		14		27.0	
18	37	24	24	24	46	40	43	38	30	30	frozen	236	73	0.11	2.5	2	13		34.5
19	35	21	31	30	40	38	39	42	29	29	frozen	225	423	0.00		1	14		37.0
20	60	30	35	33	46	35	41	55	30	35	0.02	160	577	0.00		30	5.0	20.0	
21	63	32	39	38	53	40	46	63	35	38	0.25	90	571	0.00		31	6.5	17.5	
22	70	39	46	46	55	44	49	67	38	45	0.22	78	492	0.03		31	10.0	10.5	
23	52	22	22	22	52	44	48	50	30	30	frozen	232	120	0.09	5	5	30	1.0	28.0
24	38	21	26	26	44	39	41	41	30	30	frozen	133	504	T		1	17		35.5
25	58	26	36	33	45	37	41	52	31	36	0.00	85	617	0.00		32	4.0	23.0	
26	71	36	44	41	49	38	44	62	35	41	0.04	231	553	0.00		35	10.5	11.5	
27	76	37	44	43	57	44	51	69	41	54	0.26	82	596	0.00		39	13.0	8.5	
28	81	41	49	44	62	47	55	78	43	43	0.40	113	627	0.00		40	15.5	4.0	
29	89	46	53	46	65	51	58	79	43	47	0.45	225	661	0.00		43	18.0	-2.5	
30	84	44	51	45	67	55	61	80	46	41	0.42	90	617	0.00		40	17.0	1.0	
Totals	1792	916	1073	989	1584	1286	1437	1701	1023	1096	5.19	4292	13541	0.37	8.5		876	192.5	596.0
Avg.	60	31	36	34	53	43	48	59	35	38	0	148	451			29	8.8	19.9	
Max	89	48	53	46	67	55	61	80	46	54	0.51	292	661	0.14		51	18.0	46.0	
Min	22	16	17	17	40	35	39	33	29	29	0	56	73	0.00		6	0.5	-2.5	

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