

April 2014

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	59	20	27	27	48	44	46	56	34	34	0.30	225	531	0.00	0	0	39	4.5	25.5
2	50	23	33	30	48	42	45	57	34	35	0.30	144	517	0.00	0	0	27	0.0	28.5
3	56	33	33	33	49	43	46	60	33	35	0.15	140	428	T	0	0	23	3.0	20.5
4	35	23	23	23	47	42	45	38	30	30	frozen	78	110	0.22	1	1	12		36.0
5	57	22	35	33	47	39	43	60	30	33	frozen	112	564	0.00	0	0	35	3.5	25.5
6	63	22	34	34	47	42	45	58	33	36	0.25	229	442	0.00	0	0	41	6.5	22.5
7	66	33	36	35	50	43	47	68	38	38	0.12	114	450	0.00	0	0	33	8.0	15.5
8	59	26	29	28	48	44	46	52	36	36	0.13	172	493	0.00	0	0	33	4.5	22.5
9	69	29	46	40	51	42	47	68	40	40	0.30	98	602	0.00	0	0	40	9.5	16.0
10	87	46	48	42	55	46	51	82	40	46	0.45	149	593	0.00	0	0	41	18.0	-1.5
11	67	33	38	36	56	50	53	74	41	41	0.30	75	552	0.00	0	0	34	8.5	15.0
12	79	38	45	43	58	50	54	73	41	45	0.30	162	602	0.00	0	0	41	14.5	6.5
13	82	39	39	38	58	52	55	72	43	45	0.32	160	464	T	0	0	43	16.0	4.5
14	40	25	26	26	57	46	52	42	30	30	0.00	242	86	0.17	0.6	1	15		32.5
15	45	22	31	30	47	44	46	48	28	30	frozen	154	566	0.00	0	0	23		31.5
16	69	29	45	40	49	42	46	66	32	38	0.30	199	559	0.00	0	0	40	9.5	16.0
17	62	29	30	30	50	45	48	60	38	38	0.30	192	555	0.00	0	0	33	6.0	19.5
18	60	29	39	38	52	46	49	68	36	36	0.25	141	438	0.00	0	0	31	5.0	20.5
19	74	39	50	47	54	47	51	69	35	46	0.42	293	617	0.00	0	0	35	12.0	8.5
20	71	48	55	53	57	51	54	74	46	53	0.36	88	529	0.14	0	0	23	10.5	5.5
21	80	42	49	43	61	53	57	82	40	50	0.25	78	582	T	0	0	38	15.0	4.0
22	73	39	46	40	60	54	54	80	44	44	0.30	85	629	0.00	0	0	34	11.5	9.0
23	80	41	60	51	60	53	57	68	46	50	0.58	322	615	T	0	0	39	15.0	4.5
24	89	46	47	42	61	56	59	80	44	44	0.45	242	402	T	0	0	43	18.0	-2.5
25	70	35	45	41	60	55	58	68	42	42	0.43	108	648	0.00	0	0	35	10.0	12.5
26	79	46	52	47	62	53	58	82	40	48	0.40	104	624	0.00	0	0	33	14.5	2.5
27	90	45	55	47	62	56	59	81	46	48	0.63	195	540	0.00	0	0	45	18.0	-2.5
28	67	40	43	40	63	57	60	68	40	40	0.20	253	597	0.05	0	0	27	8.5	11.5
29	59	36	37	36	58	54	56	52	36	36	0.36	322	443	0.06	0	0	23	4.5	17.5
30	48	30	36	34	54	50	52	50	36	36	0.26	254	370	T	0	0	18		26.0
Totals	1985	1008	1212	1127	1629	1441	1539	1956	1132	1203	8.41	5130	15148	0.64	1.6		977	254.5	453.5
Avg.	66	34	40	38	54	48	51	65	38	40	0	171	505				33	9.8	15.1
Max	90	48	60	53	63	57	60	82	46	53	0.63	322	648	0.22			45	18.0	36.0
Min	35	20	23	23	47	39	43	38	28	30	0	75	86	0.00			12	0.0	-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.																			