

April 2017

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	42	36	40	40	49	46	48	44	40	40	0.02	92	90	0.11	0	0	6		26.0
2	43	31	37	36	46	45	46	46	38	38	0.00	36	92	0.09	0	0	12		28.0
3	67	35	44	43	50	44	47	69	38	44	0.11	84	553	0.00	0	0	32	8.5	14.0
4	61	34	37	36	50	47	49	64	39	40	0.26	144	511	T	0	0	27	5.5	17.5
5	49	31	34	32	49	46	48	41	37	37	0.08	138	162	T	0	0	18		25.0
6	59	33	40	35	48	44	46	61	34	40	0.23	112	593	0.00	0	0	26	4.5	19.0
7	66	36	40	38	51	45	48	70	39	39	0.30	113	600	0.00	0	0	30	8.0	14.0
8	77	39	52	48	51	47	49	70	39	48	0.25	185	543	0.00	0	0	38	13.5	7.0
9	86	49	51	47	54	49	52	83	49	49	0.28	127	365	0.00	0	0	37	18.0	-2.5
10	80	34	42	35	56	51	54	77	36	37	0.28	87	556	0.00	0	0	46	15.0	8.0
11	59	27	33	32	54	50	52	64	37	39	0.30	138	612	0.00	0	0	32	4.5	22.0
12	75	33	53	45	53	49	51	71	39	46	0.40	212	581	0.00	0	0	42	12.5	11.0
13	79	38	40	40	56	51	54	75	46	49	0.25	79	459	0.00	0	0	41	14.5	6.5
14	76	39	61	58	56	52	54	70	49	57	0.23	181	422	0.00	0	0	37	13.0	7.5
15	81	50	54	50	60	55	58	81	54	54	0.45	231	589	0.00	0	0	31	15.5	-0.5
16	79	47	49	47	61	57	59	80	48	48	0.37	139	613	T	0	0	32	14.5	2.0
17	69	42	50	47	61	56	59	75	48	50	0.30	102	567	0.00	0	0	27	9.5	9.5
18	68	48	53	52	59	57	58	67	50	54	0.18	143	281	T	0	0	20	9.0	7.0
19	80	48	55	51	62	57	60	81	54	55	0.26	111	566	0.00	0	0	32	15.0	1.0
20	78	39	43	42	63	59	61	81	47	48	0.35	124	620	0.09	0	0	39	14.0	6.5
21	71	43	45	45	63	58	61	77	48	49	0.28	83	616	0.10	0	0	28	10.5	8.0
22	47	35	40	38	61	55	58	49	41	41	0.06	62	105	0.41	0	0	12		24.0
23	60	31	43	42	58	53	56	69	40	41	0.17	67	513	0.00	0	0	29	5.0	19.5
24	71	43	50	45	56	53	55	67	44	44	0.43	156	613	0.00	0	0	28	10.5	8.0
25	76	46	46	46	60	53	57	78	44	49	0.30	38	602	T	0	0	30	13.0	4.0
26	60	29	30	29	59	56	58	62	38	39	0.15	156	278	T	0	0	31	5.0	20.5
27	57	30	37	35	57	53	55	66	37	42	0.24	111	612	0.00	0	0	27	3.5	21.5
28	64	36	39	39	56	53	55	66	41	42	0.31	60	487	0.50	0	0	28	7.0	15.0
29																	0		
30																	0		
Totals	1880	1062	1238	1173	1559	1441	1508	1904	1194	1259	6.84	3311	13201	1.30	0		818	249.5	349.0
Avg.	67	38	44	42	56	51	54	68	43	45	0	118	471				27	10.4	12.5
Max	86	50	61	58	63	59	61	83	54	57	0.45	231	620	0.50			46	18.0	28.0
Min	42	27	30	29	46	44	46	41	34	37	0	36	90	0.00			0	3.5	-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.