

April 2004

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	70	30	40	38	60	46	53	66	36	38	0.30	119	637	0.00			40	10.0	15.0
2	76	37	44	42	61	48	55	69	36	40	0.34	132	627	0.00			39	13.0	8.5
3	69	38	42	40	63	50	57	70	40	40	0.26	83	596	0.00			31	9.5	11.5
4	59	26	42	38	58	51	55	60	44	44	0.15	70	420	0.00			33	4.5	22.5
5	68	37	41	40	60	47	54	66	36	38	0.30	153	639	0.00			31	9.0	12.5
6	77	38	40	40	63	50	57	72	38	42	0.41	154	628	0.00			39	13.5	7.5
7	67	35	39	37	61	52	57	64	42	42	0.10	59	353	0.24			32	8.5	14.0
8	74	34	38	37	64	49	57	74	40	40	0.15	63	527	0.00			40	12.0	11.0
9	61	37	40	39	58	49	54	60	40	40	0.22	131	475	0.22			24	5.5	16.0
10	42	36	38	38	53	46	50	42	37	37	0.04	119	69	0.63			6		26.0
11	42	27	30	30	48	43	46				0.05	85	224	t			15		30.5
12	56	23	23	23	54	40	47	56	30	30	0.24	144	600	0.20	3	3	33	3.0	25.5
13	37	20	26	26	47	39	43	36	28	30	0.00	106	615	0.00			17		36.5
14	63	26	39	38	52	38	45	63	30	38	0.10	94	692	0.00			37	6.5	20.5
15	81	40	48	45	59	42	51	76	36	44	0.26	90	607	0.00			41	15.5	4.5
16	79	43	51	44	63	48	56	74	44	44	0.35	102	662	0.00			36	14.5	4.0
17	84	39	41	40	68	50	59	80	45	45	0.37	93	682	0.00			45	17.0	3.5
18	90	41	63	57	69	54	62	78	45	56	0.61	241	652	0.00			49	18.0	-0.5
19	84	40	42	42	68	59	64	72	40	40	0.57	214	599	0.00			44	17.0	3.0
20	70	44	53	48	66	54	60	70	40	50	0.30	129	665	0.00			26	10.0	8.0
21	74	34	40	38	66	58	62	70	38	38	0.45	132	661	0.00			40	12.0	11.0
22	67	40	47	47	61	53	57	60	40	46	0.16	70	376	0.32			27	8.5	11.5
23	54	39	39	39	56	51	54	54	40	40	0.01	120	183	0.29			15	2.0	18.5
24	49	38	38	38	51	48	50	45	39	39	0.00	128	151	0.66			11		21.5
25	50	31	40	41	50	46	48	52	36	36	0.02	96	238	0.04			19	0.0	24.5
26	61	33	41	41	55	43	49	60	36	40	0.21	81	572	0.00			28	5.5	18.0
27	69	39	48	46	61	44	53	69	40	44	0.28	70	626	0.00			30	9.5	11.0
28	85	44	57	49	68	49	59	78	42	46	0.37	101	704	0.00			41	17.5	0.5
29	88	42	42	40	70	54	62	76	44	44	0.48	219	709	0.00			46	18.0	0.0
30	43	34	35	35	63	50	57	42	36	36	0.07	171	101	0.10			9		26.5
Totals	1989	1065	1247	1196	1796	1451	1633	1854	1118	1187	7.17	3569	15290	2.70	3		924	260.0	423.0
Avg.	66	36	42	40	60	48	54	64	39	41	0	119	510				31	10.4	14.1
Max	90	44	63	57	70	59	64	80	45	56	0.61	241	709	0.66			49	18.0	36.5
Min	37	20	23	23	47	38	43	36	28	30	0	59	69	0.00			6	0.0	-0.5

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