

September 2011

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	99	61	66	60	87	75	81	90	63	66	0.45	66	574	0.00			38	23.5	-15.0
2	103	66	75	64	89	76	82	90	63	64	0.45	115	562	0.00			37	26.0	-19.5
3	84	61	64	63	85	79	82	84	63	63	0.30	94	459	0.06			23	22.5	-7.5
4	71	46	52	49	80	73	77	70	51	51	0.20	104	298	0.00			25	10.5	6.5
5	74	41	49	46	79	69	74	62	48	48	0.31	41	609	0.00			33	12.0	7.5
6	80	47	53	45	78	67	73	77	47	48	0.48	94	615	0.00			33	15.0	1.5
7	85	53	58	52	77	68	72	75	48	56	0.40	97	517	0.00			32	19.0	-4.0
8	75	49	54	52	74	70	72	67	54	54	0.12	37	173	T			26	12.5	3.0
9	79	43	45	45	78	67	73	80	51	51	0.30	56	586	0.00			36	14.5	4.0
10	78	45	50	48	78	66	72	78	50	50	0.24	40	568	0.00			33	14.0	3.5
11	81	47	51	49	78	67	73	81	50	55	0.24	42	568	0.00			34	15.5	1.0
12	89	48	53	51	80	68	74	83	55	55	0.40	51	576	0.00			41	18.0	-3.5
13	96	53	56	54	81	69	75	84	54	56	0.35	66	533	0.00			43	19.5	-9.5
14	78	54	54	52	77	71	74	75	55	55	0.26	83	377	T			24	16.0	-1.0
15	60	38	38	38	74	66	70	60	43	43	0.05	100	123	0.17			22	5.0	16.0
16	48	38	42	42	66	58	62	47	42	42	0.11	139	97	0.05			10		22.0
17	58	41	54	54	62	57	59	57	41	52	0.04	94	180	T			17	4.0	15.5
18	62	49	53	53	64	60	62	62	53	53	0.04	73	124	0.12			13	6.0	9.5
19	77	44	50	47	70	60	65	76	50	50	0.27	61	552	0.00			33	13.5	4.5
20	87	50	57	50	73	60	66	78	50	52	0.40	105	542	0.00			37	18.0	-3.5
21	72	48	48	48	71	64	68	72	51	51	0.31	86	517	0.03			24	11.0	5.0
22	68	42	43	43	70	63	67	71	45	45	0.20	34	387	0.00			26	9.0	10.0
23	81	36	38	38	72	60	66	75	45	45	0.26	39	541	0.00			45	15.5	6.5
24	85	38	55	48	72	60	66	64	45	50	0.19	23	509	0.00			47	17.5	3.5
25	85	40	48	45	71	63	67	73	49	50	0.25	44	399	0.00			45	17.5	2.5
26	80	44	47	44	73	62	67	64	46	46	0.30	49	511	0.00			36	15.0	3.0
27	85	42	45	44	74	63	68	62	45	50	0.26	24	502	0.00			43	17.5	1.5
28	86	44	50	47	75	63	69	80	48	53	0.23	20	500	0.00			42	18.0	0.0
29	92	49	56	50	77	64	70	82	53	53	0.26	25	491	0.00			43	18.0	-5.5
30	73	33	36	33	72	66	69	70	42	42	0.30	74	490	0.00			40	11.5	12.0
Totals	2371	1390	1540	1454	2257	1974	2115	2189	1500	1549	7.97	1976	13480	0.43	0		981	435.5	69.5
Avg.	79	46	51	48	75	66	71	73	50	52	0.27	66	449				33	15.0	2.3
Max	103	66	75	64	89	79	82	90	63	66	0.48	139	615	0.17			47	26.0	22.0
Min	48	33	36	33	62	57	59	47	41	42	0.04	20	97	0.00			10	4.0	-19.5

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