

September 2010

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	88	61	63	62	96	68	82	87	60	61	0.30	111	619	0.00			27	23.5	-9.5
2	79	57	65	62	91	71	81	81	60	62	0.15	39	315	0.00			22	18.0	-3.0
3	78	39	44	44	86	64	75	77	45	45	0.36	126	581	0.00			39	14.0	6.5
4	80	38	57	54	93	57	75	84	44	51	0.30	49	628	0.00			42	15.0	6.0
5	94	56	60	59	96	61	79	86	51	58	0.38	81	620	0.00			38	21.0	-10.0
6	104	60	70	67	100	66	83	90	55	56	0.38	67	573	0.00			44	23.0	-17.0
7	80	42	49	47	86	63	75	76	50	50	0.45	120	598	0.00			38	15.0	4.0
8	79	49	62	62	92	61	76	78	50	57	0.35	78	600	0.00			30	14.5	1.0
9	84	62	63	63	92	67	79	83	57	63	0.30	174	544	T			22	23.0	-8.0
10	78	57	60	60	82	71	76	75	61	61	0.14	120	235	T			21	17.5	-2.5
11	86	45	47	45	89	65	77	83	49	49	0.35	85	598	0.00			41	18.0	-0.5
12	84	47	62	60	81	68	75	82	50	55	0.31	54	589	0.00			37	17.0	-0.5
13	90	52	56	56	81	70	75	84	55	59	0.34	65	567	0.00			38	19.0	-6.0
14	95	51	60	60	81	71	76	83	59	61	0.27	48	469	0.00			44	18.5	-8.0
15	90	59	60	60	82	72	77	85	60	60	0.37	125	476	0.42			31	22.5	-9.5
16	85	51	51	51	80	71	75	85	56	56	0.24	65	511	0.00			34	18.0	-3.0
17	83	51	59	59	80	67	74	80	55	57	0.26	74	529	0.00			32	17.0	-2.0
18	92	57	58	57	83	68	75	87	57	60	0.26	77	547	0.00			35	21.5	-9.5
19	58	45	47	47	77	66	72	57	50	50	0.10	80	155	0.02			13	4.0	13.5
20	78	46	65	62	74	63	69	74	50	59	0.15	96	374	0.00			32	14.0	3.0
21	94	57	58	58	79	67	73	83	59	60	0.54	165	530	0.00			37	21.5	-10.5
22	82	58	66	66	79	70	75	82	59	62	0.20	76	437	0.00			24	20.0	-5.0
23	94	66	68	67	79	70	75	83	62	65	0.34	197	440	0.23			28	26.0	-15.0
24	80	44	46	46	78	71	75	79	53	53	0.30	78	461	0.00			36	15.0	3.0
25	86	46	59	59	77	64	71	80	50	57	0.26	86	526	0.00			40	18.0	-1.0
26	76	41	45	45	76	67	72	76	48	48	0.30	87	527	0.00			35	13.0	6.5
27	78	44	49	49	75	63	69	77	47	47	0.26	64	525	0.00			34	14.0	4.0
28	84	46	46	46	76	64	70	78	47	53	0.30	61	514	0.00			38	17.0	0.0
29	87	46	52	52	78	65	71	83	50	55	0.21	24	515	0.00			41	18.0	-1.5
30	88	41	42	42	77	66	72	80	49	49	0.39	82	506	0.00			47	18.0	0.5
Totals	2534	1514	1689	1667	2496	1997	2249	2418	1598	1679	8.86	2654	15109	0.67	0		1020	534.5	-74.0
Avg.	84	50	56	56	83	67	75	81	53	56	0.30	88	504				34	17.8	-2.5
Max	104	66	70	67	100	72	83	90	62	65	0.54	197	628	0.42			47	26.0	13.5
Min	58	38	42	42	74	57	69	57	44	45	0.10	24	155	0.00			13	4.0	-17.0

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