

September 2013

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	103	64	68	62	88	79	83	96	64	64	0.32	68	454	0.01			39	25.0	-18.5
2	88	53	62	56	86	78	82	83	60	60	0.34	62	544	0.00			35	19.5	-5.5
3	91	62	65	60	84	75	80	82	60	60	0.40	97	503	0.00			29	24.0	-11.5
4	96	64	67	59	85	75	80	90	59	61	0.55	144	548	0.00			32	25.0	-15.0
5	99	63	67	58	86	76	81	86	60	61	0.45	108	523	0.00			36	24.5	-16.0
6	101	61	66	55	85	77	81	84	59	59	0.50	103	463	0.00			40	23.5	-16.0
7	102	60	68	59	86	75	81	86	58	58	0.43	90	545	0.00			42	23.0	-16.0
8	102	61	64	59	87	76	82	88	58	62	0.47	59	538	0.00			41	23.5	-16.5
9	101	63	71	60	86	77	82	85	61	61	0.57	137	528	0.00			38	24.5	-17.0
10	97	57	60	58	86	77	82	84	60	60	0.58	137	524	0.00			40	21.5	-12.0
11	92	59	64	62	85	76	81	86	60	65	0.22	42	455	0.03			33	22.5	-10.5
12	86	63	64	64	81	74	78	79	64	64	0.16	59	228	0.58			23	24.5	-9.5
13	67	57	57	57	74	69	72	65	59	59	0.29	103	43	2.61			10	12.0	3.0
14	65	55	59	56	69	65	67	65	54	55	0.06	128	173	0.06			10	10.0	5.0
15	82	57	62	61	70	64	67	75	56	62	0.14	109	257	0.07			25	19.5	-4.5
16	65	53	54	54	68	65	66	65	55	55	0.12	98	112	0.02			12	9.0	6.0
17	63	54	62	62	65	63	64	61	56	59	0.01	78	88	0.01			9	8.5	6.5
18	87	61	63	62	72	63	67	83	58	62	0.23	111	427	0.00			26	23.5	-9.0
19	92	59	62	59	77	66	72	86	61	61	0.30	90	488	0.00			33	22.5	-10.5
20	73	46	48	47	73	68	71	73	53	53	0.26	87	398	T			27	11.5	5.5
21	76	47	53	50	75	63	69	78	51	51	0.18	51	498	0.00			29	13.0	3.5
22	84	51	59	51	75	63	69	79	50	53	0.33	122	501	0.00			33	17.5	-2.5
23	89	58	58	52	75	65	70	78	53	54	0.45	206	482	0.00			31	22.0	-8.5
24	74	49	50	48	72	67	69	69	48	48	0.30	198	380	0.00			25	12.0	3.5
25	80	49	50	49	73	63	68	75	48	50	0.27	79	495	0.00			31	15.0	0.5
26	90	49	50	48	73	63	68	75	50	53	0.45	185	477	0.00			41	18.0	-4.5
27	90	50	65	58	76	65	71	81	52	59	0.30	102	478	0.00			40	18.0	-5.0
28	73	41	44	42	72	65	68	67	45	45	0.06	138	107	0.32			32	11.5	8.0
29	69	41	47	44	66	58	62	68	44	44	0.21	103	486	0.00			28	9.5	10.0
30	80	40	42	42	69	56	62	71	44	47	0.30	104	476	0.00			40	15.0	5.0
Totals	2557	1647	1771	1654	2319	2066	2195	2343	1660	1705	9.25	3198	12219	3.71	0		910	549.0	-152.0
Avg.	85	55	59	55	77	69	73	78	55	57	0.31	107	407				30	18.3	-5.1
Max	103	64	71	64	88	79	83	96	64	65	0.58	206	548	2.61			42	25.0	10.0
Min	63	40	42	42	65	56	62	61	44	44	0.01	42	43	0.00			9	8.5	-18.5

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