

August 2016

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	97	63	70	65	81	76	79	92	68	69	0.42	80	623	0.00	0	0	34	24.5	-15.0
2	98	66	70	68	83	76	80	96	69	71	0.40	52	633	0.00	0	0	32	26.0	-17.0
3	93	67	68	67	83	78	81	95	71	73	0.38	81	622	0.00	0	0	26	26.5	-15.0
4	96	65	71	67	84	78	81	97	70	70	0.36	57	612	0.00	0	0	31	25.5	-15.5
5	93	60	61	60	82	78	80	93	65	66	0.54	123	636	0.13	0	0	33	23.0	-11.5
6	73	61	64	63	80	76	78	77	65	66	0.18	68	253	0.03	0	0	12	17.0	-2.0
7	70	63	65	65	77	75	76	72	66	67	0.08	95	117	0.15	0	0	7	16.5	-1.5
8	76	64	64	64	77	74	76	80	67	68	0.11	83	266	0.01	0	0	12	20.0	-5.0
9	80	61	67	65	77	74	76	82	68	69	0.11	61	251	0.00	0	0	19	20.5	-5.5
10	92	66	71	69	80	74	77	93	69	69	0.39	98	639	0.00	0	0	26	26.0	-14.0
11	94	65	69	64	80	75	78	94	69	70	0.42	113	621	0.00	0	0	29	25.5	-14.5
12	89	62	62	61	79	76	78	84	66	66	0.19	70	264	0.04	0	0	27	24.0	-10.5
13	89	56	71	65	78	74	76	88	63	65	0.35	88	534	0.00	0	0	33	21.0	-7.5
14	89	56	63	60	79	73	76	93	63	63	0.54	52	597	0.64	0	0	33	21.0	-7.5
15	88	52	59	56	78	73	76	89	61	61	0.30	55	527	0.00	0	0	36	19.0	-5.0
16	91	57	63	58	77	73	75	88	61	63	0.40	88	628	0.00	0	0	34	21.5	-9.0
17	95	59	63	61	78	73	76	92	63	66	0.40	61	611	0.00	0	0	36	22.5	-12.0
18	95	57	64	58	79	74	77	91	64	64	0.30	34	511	0.00	0	0	38	21.5	-11.0
19	92	63	64	63	77	74	76	88	64	66	0.43	95	614	0.00	0	0	29	24.5	-12.5
20	74	49	51	50	75	73	74	75	55	55	0.22	142	226	0.25	0	0	25	12.0	3.5
21	76	45	53	52	74	70	72	84	55	58	0.31	58	630	0.00	0	0	31	13.0	4.5
22	86	52	65	61	73	69	71	85	58	63	0.37	173	576	0.00	0	0	34	19.0	-4.0
23	88	63	67	64	73	70	72	82	63	66	0.40	196	507	t	0	0	25	24.5	-10.5
24	95	60	65	55	76	71	74	91	62	62	0.45	92	596	T	0	0	35	23.0	-12.5
25	77	54	57	55	74	71	73	71	60	60	0.28	80	264	0.00	0	0	23	15.5	-0.5
26	78	55	58	58	73	69	71	82	60	62	0.28	56	508	0.00	0	0	23	16.5	-1.5
27	78	50	55	55	73	70	72	80	59	59	0.18	53	364	0.13	0	0	28	14.0	1.0
28	88	53	61	61	74	68	71	89	59	66	0.25	68	533	0.00	0	0	35	19.5	-5.5
29	86	58	63	62	73	70	72	83	65	66	0.23	67	372	0.00	0	0	28	22.0	-7.0
30	76	60	63	63	72	70	71	77	66	67	0.13	43	216	0.08	0	0	16	18.0	-3.0
31	78	63	63	63	74	70	72	81	67	68	0.13	42	273	0.13	0	0	15	20.5	-5.5
Totals	2670	1825	1970	1898	2393	2265	2337	2664	1981	2024	9.53	2524	14624	1.59	0		845	643.5	-232.5
Avg.	86	59	64	61	77	73	75	86	64	65	0.31	81	472				27	20.8	-7.5
Max	98	67	71	69	84	78	81	97	71	73	0.54	196	639	0.64			38	26.5	4.5
Min	70	45	51	50	72	68	71	71	55	55	0.08	34	117	0.00			7	12.0	-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.