

September 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	80	57	62	62	74	71	73	82	66	66	0.15	49	277	0.11	0	0	23	18.5	-3.5
2	81	55	61	59	74	70	72	86	61	62	0.18	100	526	0.00	0	0	26	18.0	-3.0
3	80	60	68	66	72	70	71	79	62	67	0.18	162	327	0.03	0	0	20	20.0	-5.0
4	88	61	68	67	73	70	72	87	66	67	0.32	165	363	0.15	0	0	27	23.5	-9.5
5	90	67	69	67	74	70	72	88	67	68	0.36	182	438	0.13	0	0	23	26.5	-13.5
6	95	65	67	63	75	71	73	92	68	69	0.40	158	544	0.00	0	0	30	25.5	-15.0
7	83	63	66	65	75	72	74	89	68	68	0.25	85	477	T	0	0	20	23.0	-8.0
8	84	61	62	62	75	72	74	87	66	67	0.15	42	329	0.00	0	0	23	22.5	-7.5
9	84	62	66	66	74	71	73	81	67	71	0.15	43	218	0.00	0	0	22	23.0	-8.0
10	81	40	45	43	74	71	73	84	50	51	0.33	115	484	0.00	0	0	41	15.5	4.5
11	80	44	57	52	71	67	69	81	51	54	0.26	66	564	0.00	0	0	36	15.0	3.0
12	89	55	61	57	71	66	69	85	54	63	0.24	73	524	0.00	0	0	34	20.5	-7.0
13	76	49	49	49	70	68	69	79	55	55	0.25	168	401	0.10	0	0	27	13.0	2.5
14	60	49	51	50	68	65	67	65	55	57	0.16	76	177	0.01	0	0	11	5.0	10.5
15	69	50	62	61	67	65	66	71	57	63	0.08	95	251	0.01	0	0	19	9.5	5.5
16	87	50	51	51	70	66	68	90	57	57	0.42	88	475	0.36	0	0	37	18.0	-3.5
17	78	44	59	58	68	65	67	81	57	57	0.23	65	521	0.00	0	0	34	14.0	4.0
18	83	46	50	50	67	64	66	80	54	55	0.26	62	377	0.22	0	0	37	16.5	0.5
19	91	50	58	56	68	63	66	58	55	55	0.26	53	517	0.00	0	0	41	18.0	-5.5
20	92	55	56	55	68	64	66	88	58	63	0.25	70	511	0.00	0	0	37	20.5	-8.5
21	96	54	68	62	69	66	68	82	62	66	0.45	145	448	0.00	0	0	42	20.0	-10.0
22	93	53	54	54	70	67	69	83	63	63	0.30	88	303	0.00	0	0	0	19.5	-8.0
23	89	54	65	61	70	67	69	88	63	65	0.26	101	400	0.00	0	0	35	20.0	-6.5
24	91	50	51	48	71	68	70	84	57	57	0.34	199	475	0.00	0	0	41	18.0	-5.5
25	79	45	48	46	70	67	69	83	53	53	0.25	50	480	0.00	0	0	34	14.5	3.0
26	73	35	37	37	68	65	67	75	49	49	0.27	103	489	0.00	0	0	38	11.5	11.0
27	81	37	48	45	65	62	64	78	49	54	0.28	55	484	0.00	0	0	44	15.5	6.0
28	89	46	48	46	66	62	64	83	54	56	0.25	37	486	0.00	0	0	43	18.0	-2.5
29	82	38	41	41	65	62	64	84	53	53	0.27	40	477	0.00	0	0	44	16.0	5.0
30	76	41	46	45	65	62	64	N/A	N/A	50	0.25	81	459	0.00	0	0	35	13.0	6.5
Totals	2500	1536	1694	1644	2107	2009	2068	2373	1697	1801	7.80	2816	12802	1.12	0		924	532.0	-68.0
Avg.	83	51	56	55	70	67	69	82	59	60	0.26	94	427				31	17.7	-2.3
Max	96	67	69	67	75	72	74	92	68	71	0.45	199	564	0.36			44	26.5	11.0
Min	60	35	37	37	65	62	64	58	49	49	0.08	37	177	0.00			0	5.0	-15.0

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