

September 2017

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	86	55	61	58	74	70	72	83	58	60	0.39	116	526	0.00	0	0	31	20.5	-5.5
2	82	54	58	57	74	70	72	81	60	61	0.23	71	380	T	0	0	28	18.0	-3.0
3	90	57	61	60	77	69	73	89	61	63	0.27	50	518	0.00	0	0	33	21.5	-8.5
4	95	54	57	53	77	71	74	89	59	59	0.41	82	535	0.00	0	0	41	20.0	-9.5
5	82	54	57	53	75	70	73	81	58	58	0.30	72	482	0.00	0	0	28	18.0	-3.0
6	82	37	43	40	74	70	72	76	50	50	0.30	42	459	0.00	0	0	45	16.0	5.5
7	80	42	49	47	73	66	70	82	50	53	0.23	40	537	0.00	0	0	38	15.0	4.0
8	89	48	55	52	73	67	70	81	53	57	0.30	67	461	0.00	0	0	41	18.0	-3.5
9	88	54	62	54	73	68	70	83	57	58	0.40	106	496	0.00	0	0	34	20.0	-6.0
10	92	58	61	55	73	69	70	81	57	57	0.48	227	496	0.00	0	0	34	22.0	-10.0
11	90	52	56	54	73	68	70	82	57	57	0.42	153	507	0.00	0	0	38	19.0	-6.0
12	93	53	56	54	74	69	72	85	57	60	0.30	56	507	0.00	0	0	40	19.5	-8.0
13	91	54	59	55	74	69	72	84	59	59	0.37	67	485	0.00	0	0	37	20.0	-7.5
14	96	56	56	56	75	69	72	86	59	60	0.33	101	432	T	0	0	40	21.0	-11.0
15	97	56	69	57	76	70	72	89	60	60	0.38	85	503	0.00	0	0	41	21.0	-11.5
16	93	54	59	55	76	71	74	85	59	59	0.37	102	485	0.00	0	0	39	20.0	-8.5
17	72	45	47	45	74	70	72	79	53	53	0.30	84	506	0.00	0	0	27	11.0	6.5
18	71	46	59	58	71	68	70	69	53	59	0.12	84	304	T	0	0	25	10.5	6.5
19	84	58	64	63	74	68	71	86	59	64	0.25	89	490	0.00	0	0	26	21.0	-6.0
20	93	41	46	42	73	70	72	81	48	48	0.37	102	437	0.00	0	0	52	18.0	-2.0
21	80	45	53	50	72	66	69	77	48	53	0.25	70	510	0.00	0	0	35	15.0	2.5
22	97	52	70	63	71	66	69	80	53	64	0.53	219	502	0.00	0	0	0	19.0	-9.5
23	95	65	67	65	73	69	71	82	63	66	0.46	230	395	0.00	0	0	30	25.5	-15.0
24	81	52	53	51	72	68	70	78	54	54	0.28	105	189	1.61	0	0	29	16.5	-1.5
25	56	48	48	48	68	60	64	55	54	54	0.00	90	66	1.24	0	0	8	3.0	13.0
26	53	45	46	46	60	58	59	57	50	50	0.06	96	102	0.14	0	0	8	1.5	16.0
27	63	38	40	40	63	58	61	68	48	48	0.11	27	315	0.00	0	0	25	6.5	14.5
28	69	40	47	47	63	57	60	74	48	53	0.15	23	455	0.00	0	0	29	9.5	10.5
29	69	46	55	54	63	58	61	69	53	57	0.11	23	265	T	0	0	23	9.5	7.5
30	65	54	56	55	63	61	62	66	55	55	0.02	93	196	0.03	0	0	11	9.5	5.5
Totals	2474	1513	1670	1587	2151	2003	2079	2358	1653	1709	8.49	2772	12541	3.02	0		916	485.5	-43.5
Avg.	82	50	56	53	72	67	69	79	55	57	0.28	92	418				31	16.2	-1.5
Max	97	65	70	65	77	71	74	89	63	66	0.53	230	537	1.61			52	25.5	16.0
Min	53	37	40	40	60	57	59	55	48	48	0.00	23	66	0.00			0	1.5	-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.