

## September 2022

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	96	59	62	60	81	72	77	91	62	62	0.49	131	474	0.61	0	0	37	22.5	-12.5
2	90	59	67	60	79	72	76	89	62	65	0.70	53	562	0.00	0	0	31	22.5	-9.5
3	96	60	63	58	80	72	76	91	62	62	0.51	63	495	0.06	0	0	36	23.0	-13.0
4	86	52	57	53	77	70	74	86	60	60	0.40	64	542	0.00	0	0	34	19.0	-4.0
5	92	48	58	53	77	69	73	87	57	57	0.60	59	555	0.00	0	0	44	18.0	-5.0
6	95	54	57	55	76	69	73	85	56	60	0.35	75	556	0.00	0	0	41	20.0	-9.5
7	100	55	59	58	77	69	73	88	60	64	0.35	48	517	0.00	0	0	45	20.5	-12.5
8	95	57	59	57	77	70	74	87	62	62	0.38	81	523	0.00	0	0	38	21.5	-11.0
9	98	59	60	53	76	71	74	84	60	60	0.50	135	502	0.00	0	0	39	22.5	-13.5
10	75	50	51	50	74	69	72	76	55	55	0.29	155	411	0.01	0	0	25	12.5	2.5
11	68	37	42	42	72	64	68	59	46	46	0.06	66	94	0.02	0	0	31	9.0	12.5
12	78	42	55	53	71	64	68	78	46	54	0.23	66	541	0.00	0	0	36	14.0	5.0
13	91	48	51	48	73	65	69	86	54	58	0.27	40	540	0.00	0	0	43	18.0	-4.5
14	96	51	63	59	73	66	70	86	58	62	0.39	68	519	0.04	0	0	45	18.5	-8.5
15	92	63	65	62	72	69	71	78	62	63	0.35	180	321	0.00	0	0	29	24.5	-12.5
16	90	55	57	57	75	69	72	86	61	61	0.26	90	430	0.00	0	0	35	20.5	-7.5
17	87	57	59	59	75	69	72	87	61	63	0.30	76	501	0.00	0	0	30	21.5	-7.0
18	88	52	56	56	75	70	73	87	63	63	0.28	100	498	0.00	0	0	36	19.0	-5.0
19	86	56	61	60	76	70	73	88	63	64	0.30	88	483	0.00	0	0	30	21.0	-6.0
20	100	60	61	60	77	71	74	90	64	65	0.34	63	496	0.00	0	0	40	23.0	-15.0
21	99	60	61	56	77	71	74	90	64	64	0.40	88	466	0.00	0	0	39	23.0	-14.5
22	85	46	46	46	74	66	70	66	52	52	0.22	137	175	0.46	0	0	39	17.5	-0.5
23	54	45	53	53	69	63	68	55	51	54	0.00	99	80	0.04	0	0	9	2.0	15.5
24	82	48	51	50	70	63	67	80	54	57	0.30	49	415	0.00	0	0	34	16.0	0.0
25	86	45	46	45	68	63	66	78	78	53	0.30	93	485	0.00	0	0	41	18.0	-0.5
26	77	46	46	45	68	62	65	78	53	53	0.15	54	470	0.00	0	0	31	13.5	3.5
27	87	46	48	47	68	61	65	81	53	55	0.25	39	467	0.00	0	0	41	18.0	-1.5
28	84	46	47	47	68	62	65	80	54	54	0.27	71	460	0.00	0	0	38	17.0	0.0
29	80	46	51	47	67	63	65	76	52	52	0.30	112	449	0.00	0	0	34	15.0	2.0
30	87	49	56	53	68	63	66	77	51	55	0.37	141	440	0.00	0	0	38	18.0	-3.0
Totals	2620	1551	1668	1602	2210	2017	2123	2450	1736	1755	9.91	2584	13467	1.24	0		1069	549.0	-135.5
Avg.	87	52	56	53	74	67	71	82	58	59	0.33	86	449				36	18.3	-4.5
Max	100	63	67	62	81	72	77	91	78	65	0.70	180	562	0.61			45	24.5	15.5
Min	54	37	42	42	67	61	65	55	46	46	0.00	39	80	0.00			9	2.0	-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.