

# September 2020

## Weather data collected at the KSU Northwest Research-Extension Center, Colby, Kansas.

Day	Air Temperature, F				RH	Soil Temperature, F			Water Temperature, F			Evap.	Wind	Solar	Precip.	Snow	Depth	Air Temp	GDU	HDU
	Max	Min	8:00	Wet-B	8:00	Max	Min	Avg	Max	Min	8:00	in.	mi/d	Rad., ly	in.	in.	in.	Spread, F		
1	83	53	57	55	89	77	71	74	82	54	60	0.27	77	505	0.00	0	0	30	18.0	-3.0
2	84	53	57	56	93	78	70	74	89	60	63	0.26	28	385	0.00	0	0	31	18.5	-3.5
3	93	56	62	53	48	78	70	74	90	60	60	0.36	84	568	0.00	0	0	37	21.0	-9.5
4	81	50	56	52	72	76	69	73	82	57	57	0.33	72	574	0.00	0	0	31	15.5	-0.5
5	92	50	61	60	85	75	68	72	86	57	64	0.32	62	564	0.00	0	0	42	18.0	-6.0
6	97	61	67	60	59	76	70	73	88	64	64	0.50	190	544	0.00	0	0	36	23.5	-14.0
7	101	55	56	54	74	77	71	74	87	61	61	0.38	94	533	0.00	0	0	46	20.5	-13.0
8	83	41	41	41	96	77	69	73				0.48	175	514	0.03	0.0	0	42	16.5	3.0
9	42	34	35	35	94	72	58	65	51	39	39	0.02	193	72	0.57	0.0	0	8		27.0
10	43	35	41	40	85	61	57	59	48	39	45	0.05	88	115	0.14	0.0	0	8		26.0
11	58	41	49	49	97	62	57	60	64	45	55	0.09	36	276	0.03	0.0	0	17	4.0	15.5
12	70	43	47	46	95	66	60	63	77	54	54	0.16	67	495	0.00	0.0	0	27	10.0	8.5
13	80	44	53	48	89	67	60	63	80	54	55	0.30	63	516	0.00	0.0	0	36	15.0	3.0
14	88	46	50	49	90	69	60	65	86	55	58	0.23	31	554	0.00	0.0	0	42	18.0	-2.0
15	84	48	49	49	94	68	61	65	84	57	57	0.27	76	529	0.00	0.0	0	36	17.0	-1.0
16	87	46	48	48	88	69	62	66	82	57	58	0.28	66	482	0.00	0.0	0	41	18.0	-1.5
17	78	43	43	43	94	67	62	65	79	56	56	0.27	77	432	0.00	0.0	0	35	14.0	4.5
18	82	43	49	49	99	67	61	64	79	56	58	0.18	79	418	0.00	0.0	0	39	16.0	2.5
19	83	49	54	51	73	67	62	65	79	57	57	0.30	150	442	0.00	0.0	0	34	16.5	-1.0
20	84	51	58	55	73	67	63	65	76	57	58	0.38	241	392	0.00	0.0	0	33	17.5	-2.5
21	88	55	55	52	74	69	63	66	82	58	58	0.40	165	464	0.00	0.0	0	33	20.5	-6.5
22	88	50	51	50	76	70	64	67	81	57	57	0.30	119	454	0.00	0.0	0	38	18.0	-4.0
23	88	50	50	50	96	69	63	66	81	57	57	0.37	85	480	0.00	0.0	0	38	18.0	-4.0
24	90	50	53	48	54	70	63	67	84	57	58	0.25	64	462	0.00	0.0	0	40	18.0	-5.0
25	93	50	57	47	55	70	64	67	82	55	56	0.26	39	471	0.00	0.0	0	43	18.0	-6.5
26	93	51	58	51	57	70	65	68	83	56	57	0.34	58	468	0.00	0.0	0	42	18.5	-7.0
27	93	50	50	46	56	70	64	67	78	53	53	0.28	60	348	0.00	0.0	0	43	18.0	-6.5
28	84	39	40	37	63	67	60	64	59	41	41	0.15	128	177	0.00	0.0	0	45	17.0	3.5
29	68	33	37	34	56	63	58	61	64	40	40	0.30	125	482	0.00	0.0	0	35	9.0	14.5
30	83	37	48	42	49	63	57	60	70	40	48	0.30	82	443	0.00	0.0	0	46	16.5	5.0
Totals	2461	1407	1532	1450	2323	2097	1902	2005	2253	1553	1604	8.38	2874	13159	0.77	0.0		1054	469.0	16.0
Avg.	82	47	51	48	77	70	63	67	78	54	55	0.28	96	439				35	16.8	0.5
Max	101	61	67	60	99	78	71	74	90	64	64	0.50	241	574	0.57			46	23.5	27.0
Min	42	33	35	34	48	61	57	59	48	39	39	0.02	28	72	0.00			8	4.0	-14.0

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