

June 2019

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	84	52	61	55	73	60	67	88	59	59	0.37	60	587	0.00	0	0	32	18.0	-3.0
2	82	56	62	57	74	62	68	88	59	62	0.34	92	599	0.01	0	0	26	19.0	-4.0
3	83	53	63	62	73	64	69	86	62	63	0.37	108	580	0.00	0	0	30	18.0	-3.0
4	88	54	61	58	77	65	71	91	61	61	0.42	103	594	0.05	0	0	34	20.0	-6.0
5	90	57	62	58	79	66	73	93	61	63	0.39	69	581	0.00	0	0	33	21.5	-8.5
6	86	55	63	61	77	67	74	89	63	64	0.32	63	564	0.00	0	0	31	20.5	-5.5
7	85	54	64	63	77	67	74	90	64	64	0.36	55	533	0.00	0	0	31	19.5	-4.5
8	86	61	69	64	78	67	74	88	64	65	0.39	151	623	0.00	0	0	25	23.5	-8.5
9	89	51	54	52	78	69	74	91	58	58	0.42	221	455	0.27	0	0	38	18.5	-5.0
10	69	39	52	50	72	65	69	77	52	53	0.28	101	490	0.00	0	0	30	9.5	11.0
11	77	52	58	52	76	61	69	84	53	55	0.45	153	657	0.00	0	0	25	14.5	0.5
12	77	48	55	52	72	63	68	82	55	56	0.27	109	506	0.00	0	0	29	13.5	2.5
13	74	49	57	53	71	63	67	80	56	57	0.30	105	581	0.00	0	0	25	12.0	3.5
14	87	56	66	62	73	63	68	86	57	63	0.50	187	601	0.05	0	0	31	21.0	-6.5
15	92	56	64	59	78	66	72	73	63	64	0.47	78	557	0.09	0	0	36	21.0	-9.0
16	85	53	67	60	77	67	72	72	61	62	0.30	72	607	0.00	0	0	32	19.0	-4.0
17	85	58	62	59	77	67	72	85	60	61	0.57	107	470	1.34	0	0	27	21.5	-6.5
18	80	59	61	61	74	66	70	82	61	62	0.28	95	370	0.55	0	0	21	19.5	-4.5
19	72	59	59	59	73	67	70	82	62	64	0.09	53	336	0.09	0	0	13	15.5	-0.5
20	80	60	70	64	75	68	72	86	62	63	0.25	68	500	0.00	0	0	20	20.0	-5.0
21	88	59	60	60	78	68	73	91	63	63	0.36	106	567	0.21	0	0	29	22.5	-8.5
22	81	54	56	54	77	69	73	87	56	56	0.34	129	486	0.00	0	0	27	17.5	-2.5
23	66	53	57	51	70	66	68					125	321	0.20	0	0	13	9.5	5.5
24	72	45	57	55	72	64	68	79	51	52	0.18	68	464	0.01	0	0	27	11.0	6.5
25	82	57	68	65	75	62	69	87	52	60	0.33	97	611	0.00	0	0	25	19.5	-4.5
26	91	62	71	66	79	66	73	93	60	64	0.48	109	592	0.00	0	0	29	24.0	-11.5
27	95	65	69	65	77	69	73	88	64	64	0.52	196	559	0.00	0	0	30	25.5	-15.0
28	99	57	67	63	82	70	76	96	64	64	0.45	65	617	0.00	0	0	42	21.5	-13.0
29	100	64	73	68	82	71	77	91	64	66	0.45	112	615	0.00	0	0	36	25.0	-17.0
30	103	65	71	66	82	72	77	90	66	66	0.44	144	615	0.00	0	0	38	25.5	-19.0
Totals	2528	1663	1879	1774	2278	1980	2140	2495	1733	1774	10.69	3201	16238	2.87	0		865	567.0	-145.5
Avg.	84	55	63	59	76	66	71	86	60	61	0.37	107	541				29	18.9	-4.9
Max	103	65	73	68	82	72	77	96	66	66	0.57	221	657	1.34			42	25.5	11.0
Min	66	39	52	50	70	60	67	72	51	52	0.09	53	321	0.00			13	9.5	-19.0

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