

September 2014

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	84	52	55	54	76	73	75	82	57	58	0.22	88	444	0.02	0	0	32	18.0	-3.0
2	82	54	59	58	75	71	74	85	58	60	0.25	58	540	0.00	0	0	28	18.0	-3.0
3	87	59	68	68	77	71	74	85	60	68	0.27	123	566	0.00	0	0	28	22.5	-8.0
4	100	68	73	65	80	74	77	92	66	66	0.40	145	522	0.00	0	0	32	27.0	-19.0
5	83	55	55	55	77	74	76	84	57	57	0.40	137	554	0.04	0	0	28	19.0	-4.0
6	65	45	49	48	74	70	72	71	54	54	0.29	49	285	0.05	0	0	20	7.5	10.0
7	75	48	53	51	73	67	70	83	54	54	0.19	58	563	0.00	0	0	27	12.5	3.5
8	82	52	61	61	72	68	70	81	54	59	0.25	155	552	0.00	0	0	30	17.0	-2.0
9	94	61	67	66	74	69	72	85	59	68	0.25	34	428	0.00	0	0	33	23.5	-12.5
10	89	53	54	52	76	71	74	88	59	60	0.21	97	382	0.15	0	0	36	19.5	-6.0
11	64	47	48	47	74	69	72	70	54	54	0.33	98	296	0.03	0	0	17	7.0	9.5
12	54	34	36	36	69	62	59	54	41	41	0.00	21	89	0.58	0	0	20	2.0	21.0
13	46	34	40	39	62	58	60	50	39	39	0.04	75	160	0.01	0	0	12		25.0
14	64	39	45	44	60	57	59	63	39	47	0.18	106	355	0.00	0	0	25	7.0	13.5
15	78	44	55	54	64	60	62	77	47	58	0.24	89	470	0.00	0	0	34	14.0	4.0
16	70	48	55	54	65	62	64	75	55	55	0.09	84	379	0.00	0	0	22	10.0	6.0
17	85	50	51	51	67	62	65	80	55	57	0.30	78	424	0.00	0	0	35	17.5	-2.5
18	92	51	64	64	68	63	67	84	57	66	0.05	66	442	T	0	0	41	18.5	-6.5
19	84	60	61	61	70	67	69	83	62	62	0.15	85	340	T	0	0	24	22.0	-7.0
20	89	60	62	61	71	67	70	84	62	63	0.38	140	481	0.00	0	0	29	23.0	-9.5
21	87	51	55	51	71	67	70	82	57	57	0.30	78	496	0.00	0	0	36	18.5	-4.0
22	78	51	52	47	69	66	68	78	54	54	0.25	61	422	0.00	0	0	27	14.5	0.5
23	79	51	57	55	67	65	66	70	54	58	0.37	189	331	0.65	0	0	28	15.0	0.0
24	86	56	57	56	69	64	67	85	58	61	0.21	53	456	0.00	0	0	30	21.0	-6.0
25	88	53	55	55	71	66	69	86	61	62	0.23	33	488	0.00	0	0	35	19.5	-5.5
26	87	54	54	54	71	66	69	84	59	59	0.30	68	487	0.00	0	0	33	20.0	-5.5
27	86	54	58	55	70	66	68	81	56	56	0.35	132	479	0.00	0	0	32	20.0	-5.0
28	85	55	58	57	69	66	68	78	56	57	0.37	164	468	0.00	0	0	30	20.0	-5.0
29	86	56	58	56	69	66	68	78	57	57	0.30	161	453	0.00	0	0	30	21.0	-6.0
30	85	47	47	47	69	66	68	78	54	55	0.39	177	433	0.24	0	0	38	17.5	-1.0
Totals	2414	1542	1662	1622	2119	1993	2062	2356	1655	1722	7.56	2902	12785	1.77	0		872	492.5	-28.0
Avg.	80	51	55	54	71	66	69	79	55	57	0.25	97	426				29	17.0	-0.9
Max	100	68	73	68	80	74	77	92	66	68	0.40	189	566	0.65			41	27.0	25.0
Min	46	34	36	36	60	57	59	50	39	39	0.00	21	89	0.00			12	2.0	-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.