

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 876 ft. Lat: 39.0725° N Lon: 95.6261° W

Station: TOPEKA MUNI AP, KS US USW00013996

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	40.4	20.0	30.2	4.9	3.6	4.0	0.3	0.1	0.0	0.0	0.0	0.0	768.9	830.8	923.6	1078.5	0.0	0.0	8.2	8.8	28.3	1.5
02	45.7	24.2	34.9	6.2	4.8	5.3	4.1	2.3	1.0	0.1	0.0	0.0	565.4	619.6	702.2	841.3	0.0	0.0	11.1	5.2	22.6	0.6
03	57.1	34.1	45.6	4.9	4.5	4.4	37.9	27.3	15.5	4.9	0.8	0.3	329.4	380.8	462.0	606.4	0.0	0.0	21.7	1.0	14.3	0.1
04	67.0	43.9	55.5	3.6	3.2	3.3	120.1	91.0	57.4	22.3	5.4	2.4	106.6	137.5	193.9	308.8	0.0	0.3	27.7	0.0	3.8	0.0
05	76.4	55.0	65.7	3.7	3.0	3.2	343.4	289.7	216.5	117.2	49.3	31.3	11.7	20.0	39.8	95.5	0.0	1.9	31.0	0.0	0.1	0.0
06	85.8	65.2	75.5	2.9	2.2	2.4	615.0	555.1	465.9	320.1	186.9	140.1	0.1	0.3	1.0	5.3	0.3	9.9	30.0	0.0	0.0	0.0
07	90.2	69.3	79.8	3.4	2.5	2.7	767.2	705.2	612.1	457.1	306.0	248.4	0.0	0.0	0.0	0.0	3.0	17.0	31.0	0.0	0.0	0.0
08	88.9	66.8	77.9	3.7	3.0	3.2	708.2	646.2	553.2	399.3	252.2	199.5	0.0	0.0	0.1	1.2	2.3	14.8	31.0	0.0	0.0	0.0
09	81.0	57.5	69.2	3.4	3.5	3.3	432.6	375.9	295.1	178.6	91.4	65.5	5.1	8.5	17.6	51.2	0.4	5.2	30.0	0.0	0.0	0.0
10	68.9	45.1	57.0	3.4	2.6	2.7	153.4	119.2	78.1	33.0	10.8	6.4	91.4	119.2	171.2	281.1	0.0	0.5	29.4	0.0	3.4	0.0
11	55.2	33.1	44.2	5.4	3.9	4.3	23.5	16.1	8.1	1.8	0.1	0.0	349.0	401.6	483.6	627.3	0.0	0.0	20.4	0.9	15.2	0.0
12	43.8	24.0	33.9	4.6	4.2	4.1	1.6	0.9	0.3	0.0	0.0	0.0	655.6	716.9	809.2	963.9	0.0	0.0	10.4	5.8	26.1	0.5
Summary	66.7	44.9	55.8	4.2	3.4	3.6	3207	2829	2303	1534	903	694	2883	3235	3804	4860	6.0	49.6	281.9	21.7	113.8	2.7

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	0.89	5.9	2.4	0.5	0.1	0.49	0.82	1.21	
02	1.31	6.0	3.2	0.9	0.1	0.76	1.24	1.84	
03	2.25	8.4	5.0	1.3	0.4	1.01	2.23	2.95	
04	3.81	10.0	6.7	2.8	0.9	2.59	3.39	4.90	
05	5.17	11.9	8.1	3.2	1.6	3.29	4.52	6.91	
06	4.92	10.9	6.6	3.1	1.8	3.21	4.62	6.51	
07	3.99	8.8	5.8	2.6	1.4	1.68	2.97	5.30	
08	4.55	8.8	5.9	2.7	1.6	2.02	4.59	5.92	
09	3.52	7.5	5.2	2.4	1.0	1.76	2.91	4.37	
10	2.85	7.9	4.9	1.9	0.8	1.32	2.99	3.99	
11	1.78	6.2	3.1	1.1	0.4	0.88	1.23	2.23	
12	1.49	5.8	2.8	0.9	0.4	0.58	1.39	2.26	
Summary	36.53	98.1	59.7	23.4	10.5	19.59	32.90	48.39	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	4.60	3.7	1.5	0.3	0.1	0.0	6.6	2.4	1.2	0.1	2.00	3.30	5.30
02	5.20	2.8	1.3	0.6	0.3	0.0	4.6	2.3	1.2	0.1	0.20	3.00	7.80
03	1.70	1.3	0.6	0.2	0.0	0.0	1.4	0.4	0.0	0.0	0.00	0.90	2.60
04	0.10	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.40	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	1.00	1.0	0.3	0.1	0.0	0.0	0.5	0.1	0.1	0.0	0.00	0.00	0.50
12	4.10	2.8	1.2	0.3	0.1	0.0	4.5	1.7	0.3	0.0	0.10	2.60	5.40
Summary	17.1	12.0	5.0	1.5	0.5	0.0	17.7	6.9	2.8	0.2	2.3	9.8	21.6

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	25.8	67.3	240.1	470.0	796.7	1064.8	1232.1	1173.1	877.4	531.7	195.8	46.1
45	8.3	31.4	145.2	334.4	642.0	914.9	1077.2	1018.2	727.5	388.1	111.1	17.5
50	1.4	12.3	79.2	214.7	489.0	764.9	922.2	863.2	578.4	258.7	54.1	5.7
55	0.3	4.1	37.9	120.1	343.4	615.0	767.2	708.2	432.6	153.4	23.5	1.6
60	0.0	1.0	15.5	57.4	216.5	465.9	612.1	553.2	295.1	78.1	8.1	0.3
Growing Degree Units for Corn (Monthly)												
50/86	27.6	55.4	159.5	283.5	501.8	726.2	839.3	791.2	570.3	328.6	127.1	37.0

Growing Degree Units (Accumulated Monthly)												
40	26	93	333	803	1600	2665	3897	5070	5947	6479	6675	6721
45	8	40	185	519	1161	2076	3153	4172	4899	5287	5398	5416
50	1	14	93	308	797	1562	2484	3347	3925	4184	4238	4244
55	0	4	42	162	506	1121	1888	2596	3029	3182	3206	3207
60	0	1	16	74	290	756	1368	1922	2217	2295	2303	2303
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	28	83	242	526	1028	1754	2593	3384	3955	4283	4411	4448

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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