

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1306 ft. Lat: 39.1247° N Lon: 97.7047° W
Station: MINNEAPOLIS, KS US USC00145363
Generated on 04/28/2024

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	18.2	29.3	4.8	3.4	3.8	0.0	0.0	0.0	0.0	0.0	0.0	796.6	858.5	951.6	1106.5	0.0	0.0	9.6	8.5	28.7	1.4
02	45.8	21.3	33.5	6.8	4.4	5.3	3.0	1.8	0.6	0.1	0.0	0.0	603.5	658.3	741.1	880.5	0.0	0.0	12.1	5.3	23.1	0.7
03	57.0	30.6	43.8	5.2	4.3	4.5	26.2	17.5	8.4	1.7	0.0	0.0	373.5	426.8	510.7	659.0	0.0	0.0	22.2	1.1	16.1	0.3
04	67.1	40.7	53.9	3.8	3.2	3.3	101.6	75.3	45.3	15.8	3.2	1.2	134.6	168.3	228.3	348.7	0.0	0.7	27.8	0.1	4.8	0.0
05	76.7	52.7	64.7	3.8	2.8	3.1	319.0	267.4	198.3	104.9	42.8	27.7	18.3	28.8	52.6	114.3	0.0	3.2	30.9	0.0	0.2	0.0
06	87.7	63.2	75.4	3.5	2.1	2.6	613.5	553.8	464.7	320.3	188.5	143.2	0.1	0.4	1.3	6.9	1.6	14.1	30.0	0.0	0.0	0.0
07	93.3	68.2	80.8	4.1	2.4	3.0	798.1	736.2	643.2	488.3	336.6	278.7	0.0	0.0	0.0	0.1	7.5	22.6	31.0	0.0	0.0	0.0
08	90.6	65.6	78.1	3.8	2.6	3.0	716.0	654.0	561.1	407.5	260.6	207.7	0.0	0.0	0.1	1.5	4.4	18.4	31.0	0.0	0.0	0.0
09	82.6	56.8	69.7	3.9	3.4	3.4	446.9	390.7	309.9	191.3	100.6	73.5	6.0	9.8	18.9	50.4	0.7	8.6	30.0	0.0	0.0	0.0
10	69.6	43.4	56.5	4.0	2.7	3.0	149.1	115.5	74.7	30.1	8.8	4.9	102.5	131.0	183.2	293.6	0.0	1.0	29.2	0.1	3.5	0.0
11	55.0	30.6	42.8	5.5	3.6	4.3	16.5	10.4	5.0	0.9	0.1	0.0	382.4	436.3	520.9	666.9	0.0	0.0	20.9	1.2	15.8	0.0
12	42.6	21.3	31.9	4.6	3.9	4.0	0.4	0.1	0.0	0.0	0.0	0.0	714.7	776.4	869.4	1024.3	0.0	0.0	10.6	5.9	27.5	0.7
Summary	67.4	42.7	55.0	4.5	3.2	3.6	3190	2823	2311	1561	941	737	3132	3495	4078	5153	14.2	68.6	285.3	22.2	119.7	3.1

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	0.86	5.3	2.3	0.4	0.1	0.37	0.78	1.25	
02	1.16	5.8	2.8	0.6	0.2	0.55	0.84	1.54	
03	1.92	7.7	3.8	1.3	0.3	0.84	1.59	2.65	
04	2.42	8.9	5.1	1.7	0.3	1.50	2.29	3.30	
05	5.17	11.3	7.4	3.4	1.7	2.50	4.32	7.42	
06	3.98	9.3	6.1	2.7	1.2	2.67	3.60	5.44	
07	4.40	9.8	6.4	2.7	1.1	1.40	3.21	6.13	
08	4.20	10.0	6.3	3.0	1.3	2.99	4.11	5.07	
09	2.69	7.3	4.4	1.9	0.8	1.65	2.74	3.66	
10	2.39	6.9	3.8	1.6	0.7	1.06	1.81	3.60	
11	1.24	6.0	2.9	0.6	0.3	0.58	0.80	1.75	
12	1.29	5.6	2.5	0.9	0.3	0.53	1.08	1.80	
Summary	31.72	93.9	53.8	20.8	8.3	16.64	27.17	43.61	

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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	4.70	3.8	1.4	0.5	0.2	0.0	7.1	3.1	1.8	0.2	1.50	3.30	6.70
02	3.40	2.8	1.3	0.4	0.1	0.0	6.0	3.0	1.5	0.2	0.40	2.00	4.80
03	2.20	1.9	0.9	0.1	0.0	0.0	1.7	0.4	0.2	0.0	0.40	2.00	3.50
04	0.90	0.5	0.2	0.2	0.0	0.0	0.3	0.1	0.1	0.0	0.00	0.00	0.30
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	0.30	0.3	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	1.60	1.4	0.6	0.2	0.0	0.0	1.3	0.6	0.2	0.0	0.00	0.20	2.20
12	4.50	3.0	1.5	0.6	0.3	0.0	6.3	2.8	1.7	0.1	0.50	1.70	6.40
Summary	17.6	13.7	6.1	2.0	0.6	0.0	22.8	10.0	5.5	0.5	2.8	9.2	23.9

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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	20.2	57.4	207.2	429.7	765.7	1063.3	1263.1	1181.0	890.9	520.6	171.2	30.5
45	5.0	25.8	120.4	298.7	611.5	913.3	1108.1	1026.0	741.0	378.9	93.8	8.8
50	0.6	9.4	60.9	186.8	460.2	763.3	953.0	870.9	592.1	252.4	43.5	2.1
55	0.0	3.0	26.2	101.6	319.0	613.5	798.1	716.0	446.9	149.1	16.5	0.4
60	0.0	0.6	8.4	45.3	198.3	464.7	643.2	561.1	309.9	74.7	5.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	27.3	58.0	157.6	275.3	480.7	703.4	828.2	778.0	573.4	332.2	123.6	31.4

Growing Degree Units (Accumulated Monthly)												
40	20	78	285	714	1480	2544	3807	4988	5878	6399	6570	6601
45	5	31	151	450	1061	1975	3083	4109	4850	5229	5322	5331
50	1	10	71	258	718	1481	2434	3305	3897	4150	4193	4195
55	0	3	29	131	450	1063	1861	2577	3024	3173	3190	3190
60	0	1	9	54	253	717	1360	1922	2232	2306	2311	2311
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	27	85	243	518	999	1702	2530	3308	3882	4214	4338	4369

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

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