

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1020 ft. Lat: 45.1219° N Lon: 95.9269° W

Station: MILAN 1NW, MN US USC00215400

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	23.9	4.4	14.1	5.7	6.3	5.9	0.0	0.0	0.0	0.0	0.0	0.0	1266.0	1328.1	1421.1	1576.2	0.0	0.0	0.2	21.4	30.8	13.3
02	28.9	8.7	18.8	7.1	8.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	1013.4	1069.4	1153.4	1293.5	0.0	0.0	1.5	16.5	27.2	9.3
03	42.1	22.1	32.1	6.5	5.6	5.9	3.6	2.3	1.1	0.3	0.0	0.0	713.6	774.2	866.0	1020.2	0.0	0.0	8.1	6.9	25.0	2.5
04	58.7	34.7	46.7	5.2	3.5	4.1	36.4	25.2	13.3	3.5	0.8	0.4	285.5	334.3	412.4	552.5	0.0	0.1	22.0	0.6	13.1	0.0
05	72.4	47.4	59.9	3.7	3.2	3.3	205.8	165.2	113.5	52.8	19.8	12.0	54.1	75.4	116.8	210.9	0.0	1.5	30.2	0.0	1.7	0.0
06	81.4	58.0	69.7	2.9	2.5	2.5	442.4	384.2	299.8	172.8	77.5	51.7	1.6	3.3	8.9	31.9	0.1	4.1	30.0	0.0	0.0	0.0
07	84.9	61.2	73.0	3.2	2.7	2.8	559.4	497.5	404.9	256.6	129.6	90.0	0.0	0.0	0.4	7.1	0.1	7.3	31.0	0.0	0.0	0.0
08	82.4	58.7	70.5	2.5	2.4	2.2	482.4	421.0	330.5	190.6	81.6	51.0	0.5	1.1	3.5	18.6	0.0	3.6	31.0	0.0	0.0	0.0
09	76.0	50.3	63.2	3.4	3.0	2.9	268.6	221.8	159.2	79.0	28.8	17.0	24.3	37.5	64.9	134.7	0.0	1.9	30.0	0.0	1.2	0.0
10	60.8	37.5	49.2	4.3	2.9	3.4	55.8	40.5	24.0	8.3	1.8	0.7	237.3	283.9	360.4	499.6	0.0	0.3	25.4	0.3	10.4	0.0
11	43.0	24.0	33.5	7.1	5.0	5.9	3.3	1.9	0.7	0.0	0.0	0.0	648.2	706.9	795.7	945.0	0.0	0.0	9.5	6.9	24.3	1.0
12	29.0	10.9	20.0	6.4	6.3	6.2	0.0	0.0	0.0	0.0	0.0	0.0	1086.3	1148.3	1241.3	1396.4	0.0	0.0	1.1	17.4	30.5	8.2
Summary	57.0	34.8	45.9	4.8	4.3	4.4	2058	1760	1347	764	340	223	5331	5762	6445	7687	0.2	18.8	220.0	70.0	164.2	34.3

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	0.77	5.5	2.1	0.3	0.1	0.29	0.59	1.01
02	0.74	5.0	2.2	0.4	0.1	0.38	0.63	0.99
03	1.44	6.1	3.8	0.8	0.2	0.88	1.34	1.80
04	2.50	8.5	5.3	1.7	0.3	1.58	2.38	3.37
05	3.14	10.4	7.1	2.1	0.6	1.74	3.57	4.10
06	3.89	10.7	7.5	2.6	0.8	2.54	3.58	4.74
07	4.07	8.8	6.3	2.6	1.1	2.57	3.30	5.25
08	3.71	8.3	5.8	2.5	1.1	2.60	3.36	4.71
09	2.77	8.4	5.5	1.7	0.6	1.40	2.69	3.52
10	2.43	7.7	4.8	1.6	0.6	1.05	2.08	3.30
11	1.14	4.9	2.5	0.6	0.2	0.32	0.80	1.70
12	0.77	5.3	2.3	0.3	0.0	0.30	0.67	1.22
Summary	27.37	89.6	55.2	17.2	5.7	15.65	24.99	35.71

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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	9.50	5.7	4.0	1.1	0.3	0.1	26.8	22.0	17.6	10.4	4.40	9.00	11.80
02	10.10	5.1	3.6	1.1	0.4	0.1	23.5	19.8	15.9	11.2	4.50	8.80	14.90
03	9.20	3.5	2.8	1.2	0.5	0.1	17.2	13.6	11.3	6.8	3.60	7.00	13.80
04	6.00	1.8	1.5	0.7	0.5	0.1	3.0	1.5	0.8	0.2	0.00	2.00	8.80
05	0.10	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	1.20	0.8	0.4	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.00	1.50
11	6.30	2.9	2.3	0.8	0.4	0.0	7.3	5.4	4.0	1.3	0.50	5.20	10.00
12	8.60	5.3	3.6	1.1	0.4	0.0	21.9	17.1	12.7	4.5	2.60	8.80	13.40
Summary	51.0	25.1	18.2	6.1	2.5	0.4	100.1	79.5	62.3	34.4	15.6	40.8	74.2

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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	0.5	5.3	56.7	250.1	617.3	890.8	1024.4	947.0	694.5	317.8	60.9	2.3
45	0.0	1.6	26.9	152.9	466.5	740.7	869.3	791.9	545.7	202.9	28.1	0.2
50	0.0	0.3	10.8	80.9	327.4	590.8	714.3	636.9	401.6	115.6	10.7	0.0
55	0.0	0.0	3.6	36.4	205.8	442.4	559.4	482.4	268.6	55.8	3.3	0.0
60	0.0	0.0	1.1	13.3	113.5	299.8	404.9	330.5	159.2	24.0	0.7	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.8	3.7	38.9	165.2	380.5	579.8	687.8	629.2	441.6	196.9	41.3	2.2

Growing Degree Units (Accumulated Monthly)												
40	0	6	62	313	930	1821	2845	3792	4487	4804	4865	4868
45	0	2	28	181	648	1389	2258	3050	3596	3798	3826	3827
50	0	0	11	92	419	1010	1724	2361	2763	2879	2889	2889
55	0	0	4	40	246	688	1248	1730	1999	2054	2058	2058
60	0	0	1	14	128	428	833	1163	1322	1346	1347	1347
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	4	43	209	589	1169	1857	2486	2928	3124	3166	3168

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