

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information  
 Service

### Summary of Monthly Normals 1981-2010

National Climatic Data Center  
 Federal Building  
 151 Patton Avenue  
 Asheville, North Carolina 28801  
 www.ncdc.noaa.gov

Station: **MILWAUKEE MITCHELL INTERNATIONAL AIRPORT, WI US**

GHCND:USW00014839  
 Elev: 670 ft. Lat: 42.955° N Lon: 87.904° W

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
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
1	28.9	15.6	22.3	5.0	6.2	5.5	0	0	0	0	0	0	1015	1077	1170	1325	0.0	0.0	0.7	18.1	29.1	3.7
2	32.5	19.3	25.9	4.8	5.1	4.9	-7777	-7777	-7777	-7777	0	0	815	871	955	1095	0.0	0.0	1.2	12.8	25.2	1.6
3	42.4	27.7	35.0	3.6	2.9	3.2	5	3	2	-7777	-7777	0	623	684	775	929	0.0	0.0	6.6	4.6	21.6	0.1
4	53.8	37.3	45.6	3.6	2.5	2.9	28	20	12	5	1	-7777	311	363	445	588	0.0	0.0	17.4	0.3	6.3	0.0
5	64.9	46.5	55.7	3.6	2.9	3.1	120	92	60	25	8	4	98	132	193	313	0.0	0.2	28.5	0.0	0.3	0.0
6	75.3	57.1	66.2	3.2	2.8	2.9	344	291	219	120	52	34	8	15	33	84	-7777	1.5	30.0	0.0	0.0	0.0
7	80.1	63.5	71.8	3.0	2.4	2.6	521	459	366	222	106	73	-7777	-7777	1	11	0.1	2.9	31.0	0.0	0.0	0.0
8	78.5	63.0	70.7	2.9	2.8	2.8	488	427	335	193	84	55	-7777	-7777	2	15	-7777	2.0	31.0	0.0	0.0	0.0
9	71.3	54.9	63.1	2.7	2.1	2.2	261	212	148	69	23	13	18	29	55	126	0.0	0.4	29.9	0.0	0.0	0.0
10	59.3	43.2	51.3	3.1	2.8	2.8	59	41	23	7	1	1	175	219	294	433	0.0	0.0	25.7	0.0	2.3	0.0
11	46.0	32.0	39.0	4.4	3.8	3.9	5	2	1	-7777	0	0	485	542	631	780	0.0	0.0	10.6	2.6	14.4	0.0
12	32.8	20.1	26.5	4.9	5.7	5.2	-7777	-7777	0	0	0	0	885	947	1040	1195	0.0	0.0	1.6	13.1	26.4	1.5
Summary	55.5	40.0	47.8	3.7	3.5	3.5	1831	1547	1166	641	275	180	4433	4879	5594	6894	0.1	7.0	214.2	51.5	125.6	6.9

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
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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	.25	.50	.75
1	1.76	11.4	5.1	0.8	0.1	0.91	1.49	2.57
2	1.65	9.7	4.0	0.9	0.3	0.91	1.41	2.30
3	2.27	11.4	5.4	1.5	0.2	1.21	2.01	3.21
4	3.56	12.1	6.6	2.6	0.9	2.41	3.67	4.42
5	3.40	11.4	7.0	2.3	0.8	2.48	2.91	3.76
6	3.90	10.4	6.5	2.7	1.0	2.23	3.10	4.97
7	3.67	9.8	6.1	2.4	0.8	2.33	3.23	4.35
8	3.97	9.5	6.5	2.5	0.9	2.23	4.00	5.17
9	3.18	8.8	5.4	2.1	1.0	1.89	2.85	4.16
10	2.65	10.0	5.6	1.8	0.4	1.45	2.64	3.18
11	2.71	11.3	5.8	1.5	0.5	1.47	2.56	3.65
12	2.04	10.9	5.1	1.1	0.3	1.04	1.56	2.69
Summary	34.76	126.7	69.1	22.2	7.2	20.56	31.43	44.43

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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	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	14.7	9.8	4.5	1.7	0.5	0.1	21.4	17.0	11.1	3.2	8.4	12.2	20.9
2	9.8	7.5	2.8	1.0	0.6	-7777	16.9	11.8	7.7	3.1	3.0	7.9	14.0
3	7.0	5.6	2.0	0.6	0.3	0.1	7.1	4.3	2.5	0.4	2.2	5.8	12.9
4	2.0	1.7	0.4	0.2	0.1	0.0	0.7	0.4	0.1	0.0	0.1	0.5	3.4
5	0.1	0.1	-7777	-7777	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.3	0.3	0.1	-7777	0.0	0.0	0.1	-7777	-7777	0.0	0.0	0.0	0.0
11	2.4	2.5	0.6	0.1	0.1	0.0	1.1	0.4	0.2	0.1	0.3	1.1	2.8
12	10.6	7.8	3.0	1.1	0.5	0.1	12.3	6.3	3.3	1.1	3.3	8.4	12.9
Summary	46.9	35.3	13.4	4.7	2.1	0.3	59.6	40.2	24.9	7.9	17.3	35.9	66.9

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	3	7	57	203	488	786	986	953	693	357	98	11
45	1	2	27	114	340	636	831	798	544	227	45	3
50	-7777	-7777	12	58	214	487	676	643	397	126	16	1
55	0	-7777	5	28	120	344	521	488	261	59	5	-7777
60	0	-7777	2	12	60	219	366	335	148	23	1	0
Growing Degree Units for Corn (Monthly)												
50/86	1	3	32	105	259	487	662	635	410	170	40	4

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	3	10	67	270	758	1544	2530	3483	4176	4533	4631	4642
45	1	3	30	144	484	1120	1951	2749	3293	3520	3565	3568
50	0	0	12	70	284	771	1447	2090	2487	2613	2629	2630
55	0	0	5	33	153	497	1018	1506	1767	1826	1831	1831
60	0	0	2	14	74	293	659	994	1142	1165	1166	1166
Growing Degree Units for Corn (Monthly)												
50/86	1	4	36	141	400	887	1549	2184	2594	2764	2804	2808

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

**M** indicates the value is missing

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