

MUSKEGON CGS, MI, United States of America**Annual Climatic Design Data (2005–2019)**

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
43.227N	86.339W	185	99.12	-14.4	26.6	15.5	NW

Monthly Winds (2005–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	0	0	0	0	0	0	1	2	1	0	0	0

Prevailing Wind #1

DIR	NW	NW	NNW	E	S	S	S	S	E	E	NW	E
%OCC	12	10	11	12	15	14	15	12	10	8	9	9
AVG m/s	9.1	8.6	6.9	6.1	6.7	6.0	5.5	5.3	3.7	4.1	10.0	5.0
MED m/s	9.0	8.4	7.0	5.6	6.9	6.1	5.4	5.2	3.5	3.9	9.6	4.8

Prevailing Wind #2

DIR	WNW	NNW	E	S	NNW	NNW	SSW	NNW	S	NW	WNW	WNW
%OCC	10	9	10	10	10	11	11	9	10	8	8	9
AVG m/s	8.8	7.6	5.0	6.9	6.1	5.4	5.0	5.2	6.3	8.7	9.6	8.5
MED m/s	8.6	7.6	4.7	7.0	5.8	5.2	4.7	5.1	6.4	8.4	9.1	8.4

Prevailing Wind #3

DIR	W	E	NW	NNW	E	E	NNW	SSW	ENE	S	SSW	NW
%OCC	8	8	9	10	9	9	10	9	8	7	7	8
AVG m/s	9.3	4.6	6.8	7.1	5.0	4.0	5.2	5.7	3.6	7.2	9.6	8.9
MED m/s	9.0	4.0	6.8	7.1	4.9	4.0	4.9	5.2	3.4	7.2	9.8	9.0

Prevailing Wind #4

DIR	WSW	WNW	S	ESE	NW	NW	NW	E	NNW	NNW	SW	W
%OCC	8	8	8	8	8	9	8	8	7	7	7	8
AVG m/s	9.1	8.2	6.6	5.9	6.0	4.9	4.6	3.5	6.2	7.0	9.5	8.9
MED m/s	8.9	7.9	6.5	5.5	5.6	4.7	4.6	3.4	5.7	6.8	9.8	8.6