

MARQUETTE HARBOR, 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
46.546N	87.379W	188	99.09	-20.0	27.5	11.0	S

Monthly Winds (2005–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	3	3	5	6	8	15	10	8	6	3	4	2

Prevailing Wind #1

DIR	NW	NW	NNW	NNW	N	N	SW	WSW	S	S	S	WSW
%OCC	14	13	14	15	14	12	10	10	12	11	13	15
AVG m/s	3.4	3.5	4.2	4.1	3.1	2.5	3.2	2.6	4.3	4.5	5.2	3.1
MED m/s	3.0	3.0	3.7	3.1	2.6	2.1	2.6	2.4	4.2	4.4	4.9	2.7

Prevailing Wind #2

DIR	WSW	NNW	N	N	NNW	S	N	N	WSW	N	WSW	NW
%OCC	13	13	12	13	13	9	9	9	10	10	12	11
AVG m/s	3.1	4.2	4.0	3.6	3.7	4.3	2.7	2.9	2.8	3.5	2.7	2.9
MED m/s	2.8	3.8	3.7	3.1	2.9	4.1	2.5	2.7	2.4	3.0	2.4	2.7

Prevailing Wind #3

DIR	WNW	WSW	NW	S	S	NNW	WSW	SW	N	WSW	NW	WNW
%OCC	10	11	10	8	11	9	9	9	10	10	11	9
AVG m/s	2.7	2.9	3.3	5.4	5.5	3.0	2.8	2.8	3.1	2.5	2.9	2.3
MED m/s	2.4	2.4	2.7	5.1	5.1	2.5	2.4	2.3	2.8	2.2	2.6	2.1

Prevailing Wind #4

DIR	SSW	N	S	NW	SSE	SW	S	S	SW	NW	SSW	S
%OCC	10	9	9	8	7	7	8	9	9	9	10	9
AVG m/s	4.3	4.4	5.5	3.6	5.2	3.1	3.7	3.7	3.1	2.4	3.8	4.8
MED m/s	4.1	4.3	5.0	2.7	4.5	2.1	3.3	3.1	2.6	2.2	3.5	4.6