

GRAND TRAVERSE LIGHT, MI, United States of America**Annual Climatic Design Data (2006–2019)**

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
45.2106N	85.5503W	184	99.13	-15.7	27.8	15.7	WSW

Monthly Winds (2006–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	2	4	4	4	6	3	2	2	1	4	1

Prevailing Wind #1

DIR	SSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	S	SSW	S	SSW
%OCC	10	9	10	11	16	17	20	15	11	10	11	12
AVG m/s	3.6	9.1	6.3	6.0	5.4	4.9	6.2	6.7	2.6	3.5	2.8	3.6
MED m/s	3.0	9.0	5.7	5.2	4.9	4.3	6.2	7.0	2.5	2.8	2.6	3.1

Prevailing Wind #2

DIR	W	NNE	NNE	NE	SW	W	SW	SW	WSW	S	SSW	S
%OCC	9	8	9	8	8	8	10	10	9	9	11	9
AVG m/s	9.7	7.3	6.0	5.7	5.0	4.0	4.8	4.6	7.7	2.6	3.3	2.8
MED m/s	9.7	7.5	5.8	5.4	4.4	3.2	4.1	3.9	7.6	2.5	2.9	2.6

Prevailing Wind #3

DIR	WNW	SSW	N	ENE	SSE	SW	W	S	SSW	WSW	NW	WSW
%OCC	9	8	8	7	8	8	10	8	9	8	8	9
AVG m/s	9.5	4.2	6.5	5.1	2.8	4.1	4.9	2.4	3.1	9.0	9.0	10.2
MED m/s	9.5	2.8	6.4	4.6	2.7	3.0	4.6	2.4	2.6	8.9	8.9	10.3

Prevailing Wind #4

DIR	WSW	N	NNW	SSE	S	S	S	W	SW	SW	WSW	W
%OCC	9	7	8	7	7	7	8	7	8	7	8	9
AVG m/s	10.3	7.5	7.0	2.8	2.8	2.6	2.4	5.7	5.3	5.7	9.4	9.7
MED m/s	10.5	7.6	7.1	2.7	2.7	2.5	2.3	5.0	4.0	5.0	9.0	9.9