

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

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
45.2106N	85.5503W	604	14.38	3.7	82.0	35.2	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 mph	8.1	20.3	14.2	13.5	12.2	11.0	13.9	15.1	5.9	7.7	6.2	8.1
MED mph	6.7	20.2	12.8	11.6	10.9	9.7	13.8	15.7	5.7	6.4	5.9	6.8

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 mph	21.8	16.3	13.4	12.8	11.2	9.0	10.7	10.2	17.1	5.7	7.3	6.3
MED mph	21.7	16.7	13.0	12.1	9.8	7.1	9.2	8.7	17.1	5.5	6.5	5.9

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 mph	21.2	9.5	14.5	11.5	6.3	9.2	10.9	5.4	6.9	20.1	20.2	22.7
MED mph	21.2	6.3	14.4	10.3	6.0	6.8	10.3	5.3	5.9	19.8	19.8	23.1

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 mph	23.1	16.8	15.7	6.4	6.3	5.8	5.3	12.8	11.9	12.8	20.9	21.7
MED mph	23.6	16.9	15.9	6.0	6.1	5.7	5.2	11.2	9.0	11.3	20.2	22.0