

SUPERIOR GRAND TRAVERSE BAY, MI, United States of America

Annual Climatic Design Data (2008–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
47.179N	88.241W	627	14.37	-7.3	82.8	24.6	ESE

Monthly Winds (2008–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	5	5	6	8	8	10	10	10	9	10	15	14

Prevailing Wind #1

DIR	WSW	NW	NW	E	E	E	WNW	WNW	NW	WNW	NW	WSW
%OCC	14	14	13	13	14	13	15	14	14	12	12	13
AVG mph	6.5	7.9	7.3	12.7	9.4	8.0	7.9	7.3	5.7	8.4	7.3	6.4
MED mph	5.9	6.4	5.9	11.1	9.0	6.8	6.7	6.0	4.5	6.9	6.3	5.9

Prevailing Wind #2

DIR	W	W	WNW	ENE	ENE	ENE	NW	NW	WNW	NW	WSW	W
%OCC	14	14	13	12	14	13	13	14	12	12	11	12
AVG mph	7.1	7.5	8.1	11.4	9.5	7.8	6.2	6.1	6.6	6.8	5.7	6.4
MED mph	5.7	5.8	6.4	10.0	8.8	6.8	5.2	4.8	5.1	5.3	5.2	5.1

Prevailing Wind #3

DIR	NW	WNW	W	NW	NW	NW	W	W	W	W	WNW	WNW
%OCC	12	12	9	10	9	10	10	10	9	10	10	11
AVG mph	8.0	7.9	6.5	7.0	7.2	6.2	7.4	6.9	5.8	6.7	7.6	7.0
MED mph	7.2	6.0	5.4	5.2	5.9	4.9	5.9	5.6	4.7	4.9	6.0	5.2

Prevailing Wind #4

DIR	NNW	NNW	NNW	WNW	WNW	WNW	E	NNW	NNW	NNW	W	NW
%OCC	12	10	9	9	9	9	7	6	7	8	9	11
AVG mph	8.4	7.8	7.5	8.5	8.8	8.1	7.5	5.4	6.0	6.7	6.1	6.9
MED mph	7.9	6.7	6.5	7.2	7.7	6.7	6.4	4.6	4.7	5.6	4.7	5.8