

ALPENA HARBOR, MI, United States of America

Annual Climatic Design Data (2005–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
45.0630N	83.4286W	587	14.39	-1.8	86.0	21.9	SE

Monthly Winds (2005–2019)

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

Prevailing Wind #1

DIR	NW	NW	NNW	NNW	SSE	SSE	NW	NW	NNW	NW	NW	NNW
%OCC	13	16	18	11	12	13	11	14	11	14	12	12
AVG mph	8.6	8.3	8.0	8.9	8.1	7.1	7.0	7.1	6.2	7.7	8.3	7.8
MED mph	7.5	6.9	7.0	8.5	6.5	6.2	6.2	6.3	5.3	6.7	7.5	6.8

Prevailing Wind #2

DIR	NNW	NNW	NW	NW	SE	S	NNW	NNW	NW	WNW	WNW	NW
%OCC	12	16	13	10	9	10	11	11	11	10	10	12
AVG mph	7.6	7.3	8.4	9.8	10.3	7.2	5.9	6.1	6.5	8.1	8.1	7.7
MED mph	6.6	6.1	7.0	9.3	8.8	6.2	5.4	5.4	5.8	6.7	7.0	6.8

Prevailing Wind #3

DIR	WNW	WNW	N	SSE	NNW	N	SSE	SSE	N	NNW	SSW	WNW
%OCC	12	10	10	10	9	10	10	11	10	10	10	11
AVG mph	8.4	8.6	7.6	9.0	7.3	6.2	7.4	8.0	6.1	6.8	9.2	7.9
MED mph	7.0	7.1	6.7	7.8	6.4	5.3	6.6	6.9	5.3	5.8	9.2	6.9

Prevailing Wind #4

DIR	W	N	SSE	N	N	NNW	S	S	SSE	N	NNW	W
%OCC	10	8	9	9	9	10	10	9	10	7	9	8
AVG mph	7.2	7.7	8.4	8.4	7.4	6.5	7.5	8.3	7.8	6.5	8.2	6.8
MED mph	6.3	6.6	7.0	7.6	6.6	5.8	6.5	7.5	6.6	5.3	7.7	5.9