

LUDINGTON HARBOR, MI, United States of America

Annual Climatic Design Data (2004–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
43.947N	86.441W	179	99.19	-15.3	27.0	10.6	SSW

Monthly Winds (2004–2019)

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

Prevailing Wind #1

DIR	WNW	E	E	E	SSW	SSW	SSW	SSW	E	E	SSW	E
%OCC	11	10	12	14	17	15	21	18	16	13	10	10
AVG m/s	4.4	2.8	3.0	3.7	6.5	6.1	5.2	5.0	2.1	2.5	7.1	3.1
MED m/s	4.4	2.2	2.4	3.0	6.8	6.2	5.2	4.9	2.0	2.2	7.2	2.6

Prevailing Wind #2

DIR	W	WNW	SSW	SSW	E	E	SW	E	SSW	SSW	WNW	W
%OCC	10	10	11	12	12	12	14	12	14	11	10	10
AVG m/s	5.2	4.4	6.4	6.8	3.0	2.3	2.4	1.9	5.6	6.4	4.9	5.1
MED m/s	5.0	4.3	6.3	7.1	2.6	2.1	2.0	1.8	5.6	6.1	4.7	4.9

Prevailing Wind #3

DIR	E	W	ENE	ENE	SW	SW	E	SW	ENE	W	E	WNW
%OCC	8	9	9	8	9	10	9	10	12	9	9	10
AVG m/s	2.7	5.3	2.1	2.5	3.4	2.8	1.8	2.4	1.7	4.7	2.5	4.3
MED m/s	2.3	5.1	1.8	2.0	2.9	2.2	1.7	2.0	1.6	4.5	2.2	4.3

Prevailing Wind #4

DIR	NNW	ENE	N	N	ENE	ENE	ENE	ENE	SW	ENE	W	SSW
%OCC	7	7	8	7	8	9	8	10	6	9	8	8
AVG m/s	3.3	2.3	3.2	3.3	2.1	1.8	1.5	1.5	2.5	1.8	5.2	7.1
MED m/s	3.0	2.0	3.0	3.0	1.9	1.7	1.5	1.5	2.0	1.7	4.9	7.1