

CLEVELAND HARBOR, OH, 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
41.542N	81.637W	210	98.83	-15.3	30.5	13.0	W

Monthly Winds (2006–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	10	2	3	3	3	6	7	8	5	2	7	8

Prevailing Wind #1

DIR	SW	SW	NE	NE	NE	NE	S	S	S	S	S	SW
%OCC	15	13	12	12	11	11	10	12	13	15	15	12
AVG m/s	4.7	4.4	6.6	6.4	6.0	5.5	1.5	1.5	1.5	2.0	2.4	4.7
MED m/s	4.6	4.4	6.6	6.4	5.5	5.3	1.5	1.5	1.5	1.9	2.3	4.6

Prevailing Wind #2

DIR	S	W	ENE	ENE	S	S	NE	NE	SSW	SW	SSW	S
%OCC	11	11	9	10	11	10	10	9	10	11	13	12
AVG m/s	2.6	6.7	4.9	4.6	2.0	1.6	5.3	5.4	2.0	4.1	3.1	2.3
MED m/s	2.4	6.3	4.4	4.3	1.9	1.6	5.2	5.2	1.8	4.2	2.9	2.1

Prevailing Wind #3

DIR	SSW	WSW	W	S	ENE	SSW	SSW	SSW	NE	SSW	SW	SSW
%OCC	11	9	9	10	10	9	10	9	8	11	11	10
AVG m/s	3.4	5.9	6.2	2.4	4.3	2.1	2.0	2.0	6.3	2.6	4.7	2.9
MED m/s	3.3	5.2	5.8	2.2	3.7	2.0	1.9	1.8	6.3	2.4	4.5	2.7

Prevailing Wind #4

DIR	WSW	S	S	W	SSW	ENE	SW	SSE	SSE	SSE	SSE	WSW
%OCC	10	9	8	8	8	9	8	7	8	9	8	10
AVG m/s	6.8	2.4	2.7	7.0	2.4	4.0	2.9	1.3	1.3	1.7	2.3	7.3
MED m/s	6.7	2.3	2.4	7.0	2.2	3.7	2.7	1.2	1.2	1.6	2.1	7.2