

BUFFALO HARBOR, NY, United States of America

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
42.878N	78.890W	178	99.20	-16.4	26.8	14.6	WSW

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	2	4	6	6	4	2	2	2	2	2	1

Prevailing Wind #1

DIR	W	WSW	WSW	WSW	WSW	SW	WSW	WSW	S	W	W	W
%OCC	13	17	13	12	13	15	18	14	10	10	13	15
AVG m/s	8.4	7.7	6.2	5.7	4.8	4.1	5.4	5.5	5.3	7.8	8.2	8.5
MED m/s	8.2	7.4	5.6	5.2	4.5	3.7	5.2	5.2	5.1	7.6	8.0	8.3

Prevailing Wind #2

DIR	WSW	W	SW	SW	SW	WSW	SW	SW	WSW	WSW	S	WNW
%OCC	13	13	11	11	13	15	17	12	10	9	11	13
AVG m/s	9.1	7.7	4.8	4.8	3.8	5.0	4.3	4.4	5.7	7.8	6.2	6.9
MED m/s	8.6	7.4	4.3	4.3	3.2	4.8	4.3	4.2	5.1	7.7	6.3	6.8

Prevailing Wind #3

DIR	WNW	SW	W	W	S	S	SSW	SSW	E	S	WNW	WSW
%OCC	10	12	8	7	9	10	11	9	9	9	10	8
AVG m/s	6.8	5.9	6.3	5.8	3.0	3.3	4.2	4.6	2.4	5.9	6.9	9.7
MED m/s	6.9	5.1	6.2	5.6	2.5	2.9	4.1	4.5	2.4	5.9	6.9	9.3

Prevailing Wind #4

DIR	SW	WNW	S	S	SSW	SSW	S	S	SSW	WNW	SSW	S
%OCC	9	7	7	7	8	9	10	9	8	8	7	8
AVG m/s	7.4	6.7	3.7	3.6	3.1	3.7	3.9	4.5	5.1	6.2	7.0	6.1
MED m/s	7.4	6.7	2.8	2.8	2.6	3.2	3.6	4.3	5.0	6.2	7.1	5.9