

N HECATE STRAIT BUOY 46183, Canada

Annual Climatic Design Data (2001–2018)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
53.620N	131.100W	3	101.29	-2.2	16.2	18.4	SE

Monthly Winds (2001–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	0	2	3	1	1	2	1	1	1	1

Prevailing Wind #1

DIR	SE	SE	SSE	SSE	SE	SSE	SSE	SE	SSE	SSE	SE	SE
%OCC	18	17	17	18	17	17	17	15	19	19	16	19
AVG m/s	11.1	10.9	10.6	9.4	8.3	7.1	6.7	7.1	8.0	9.9	11.4	12.1
MED m/s	11.2	10.7	10.4	9.3	8.2	7.1	6.5	6.9	7.7	9.9	11.5	12.2

Prevailing Wind #2

DIR	SSE	SSE	SE	SE	SSE	SE	NNW	SSE	SE	SE	SSE	SSE
%OCC	18	15	15	16	16	16	15	14	14	15	15	16
AVG m/s	11.5	10.7	11.2	10.2	7.7	8.0	6.2	6.7	8.9	10.8	11.5	12.0
MED m/s	11.5	10.8	11.3	10.2	7.6	8.1	6.2	6.4	8.6	10.6	11.5	12.1

Prevailing Wind #3

DIR	S	S	S	S	NNW	NNW	SE	NW	NNW	S	S	S
%OCC	10	8	13	12	14	13	14	13	11	11	12	9
AVG m/s	9.5	9.3	9.0	8.0	6.1	6.0	7.1	6.1	5.8	7.4	9.1	9.4
MED m/s	9.6	9.5	8.6	8.0	6.3	6.0	7.1	6.3	5.9	7.6	9.2	9.3

Prevailing Wind #4

DIR	ESE	NNW	ESE	NW	NW	NW	NW	NNW	S	NNW	SSW	ESE
%OCC	7	8	7	8	12	12	13	12	10	7	8	7
AVG m/s	8.7	6.5	9.2	7.0	7.0	7.6	7.0	5.1	6.3	6.4	7.5	9.3
MED m/s	8.4	6.3	9.4	7.5	7.3	7.7	7.5	5.1	6.0	6.5	7.5	9.4