

S HECATE STRAIT BUOY 46185, 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
52.420N	129.790W	3	101.29	-2.1	17.2	18.2	SSE

Monthly Winds (2001–2018)

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

Prevailing Wind #1

DIR	SSE	SSE	SSE	SSE	NNW	NW	NW	NW	SSE	SSE	SSE	SE
%OCC	17	15	15	16	14	15	19	19	14	18	14	14
AVG m/s	11.6	10.8	10.8	9.3	7.3	7.0	7.2	6.4	7.9	9.7	11.0	11.5
MED m/s	11.9	11.1	10.7	9.2	7.6	6.7	7.1	6.3	7.7	9.6	10.7	11.7

Prevailing Wind #2

DIR	SE	SE	SE	S	NW	SSE	NNW	NNW	NNW	SE	SE	SSE
%OCC	14	11	12	11	13	13	14	14	14	12	13	14
AVG m/s	10.2	9.5	10.1	7.4	6.3	7.0	7.8	7.1	7.7	9.6	10.9	12.0
MED m/s	9.8	9.4	9.8	7.3	6.3	6.5	7.8	7.2	7.9	9.0	10.2	12.3

Prevailing Wind #3

DIR	S	S	S	SE	SSE	NNW	SSE	SSE	NW	S	S	S
%OCC	11	9	10	10	13	12	11	12	12	11	11	10
AVG m/s	10.3	8.8	9.0	8.8	6.9	7.4	6.7	6.8	6.5	7.8	9.3	10.4
MED m/s	10.1	8.8	9.1	8.2	6.1	7.2	6.3	6.4	6.3	7.5	8.9	10.2

Prevailing Wind #4

DIR	SSW	ESE	SSW	NNW	SE	S	S	S	SE	NNW	SSW	ESE
%OCC	8	7	8	9	9	10	10	8	10	10	9	8
AVG m/s	8.5	7.4	7.7	7.0	7.1	5.8	5.4	5.4	8.1	7.6	8.4	8.6
MED m/s	8.3	7.0	7.6	7.2	6.5	5.6	5.3	5.2	7.4	7.8	8.2	8.4