

SOUTH MORESBY BUOY 46147, BC, 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
51.830N	131.220W	3	101.29	-0.2	17.1	17.2	SSE

Monthly Winds (2001–2018)

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

Prevailing Wind #1

DIR	SSE	SSE	S	NW	NW	NW	NW	NW	NW	S	SE	SSE
%OCC	15	11	11	13	20	22	27	24	15	10	10	12
AVG m/s	10.3	10.5	8.9	7.2	7.3	7.2	7.1	6.4	6.0	8.1	10.6	10.6
MED m/s	10.3	10.7	9.0	7.0	7.6	6.9	7.2	6.3	5.9	7.9	10.3	10.4

Prevailing Wind #2

DIR	SE	NW	SSE	SSE	WNW	WNW	WNW	WNW	WNW	SSE	SSE	SE
%OCC	11	9	10	11	11	13	17	17	12	9	9	11
AVG m/s	10.3	8.3	10.2	8.8	5.8	5.6	5.6	5.2	5.6	9.0	9.8	11.3
MED m/s	10.2	8.3	10.1	8.4	5.8	5.6	5.5	5.2	5.6	8.7	9.7	11.4

Prevailing Wind #3

DIR	S	S	WNW	S	SE	SSE	W	W	W	SSW	SW	S
%OCC	10	8	9	10	9	9	8	9	9	9	9	10
AVG m/s	9.0	8.7	7.8	7.7	7.5	6.6	4.3	4.4	5.3	7.3	7.9	9.2
MED m/s	9.2	8.5	7.8	7.4	7.3	6.4	4.2	4.2	5.0	7.3	7.8	9.0

Prevailing Wind #4

DIR	SSW	SE	SSW	SSW	SSE	W	SSW	WSW	SW	NW	S	SSW
%OCC	8	8	8	9	8	8	6	7	9	8	9	7
AVG m/s	8.4	9.9	7.7	7.0	6.8	4.6	4.9	4.2	5.4	6.3	9.0	8.7
MED m/s	8.4	9.7	7.6	6.7	6.7	4.5	4.6	3.9	5.0	6.1	9.0	8.5