

SENTRY SHOAL BUOY 46131, 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
49.910N	124.990W	3	101.29	-0.7	23.0	14.2	SE

Monthly Winds (2001–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	3	4	2	2	2	2	3	3	3	3	3	2

Prevailing Wind #1

DIR	SE	SE	SE	SE	NW	NNW	NNW	NNW	NW	SE	SE	SE
%OCC	18	16	22	17	16	19	27	25	20	20	19	18
AVG m/s	8.1	6.8	8.1	7.2	4.7	5.9	6.2	5.6	4.7	7.4	8.8	8.9
MED m/s	8.2	6.5	8.1	6.9	4.7	6.0	6.3	5.7	4.5	7.3	8.7	9.1

Prevailing Wind #2

DIR	ESE	NW	ESE	NW	SE	NW	NW	NW	NNW	NW	NW	ESE
%OCC	18	13	14	14	15	16	19	21	15	16	14	18
AVG m/s	7.7	4.7	7.2	5.0	5.7	5.1	5.0	4.6	5.3	4.3	5.0	8.9
MED m/s	7.7	4.3	7.5	4.7	5.5	5.2	5.0	4.5	5.3	4.0	4.3	8.9

Prevailing Wind #3

DIR	NW	ESE	NW	NNW	NNW	SE	SE	SE	WNW	WNW	ESE	NW
%OCC	11	13	11	11	15	14	12	8	12	11	12	12
AVG m/s	4.3	6.6	5.0	5.2	5.1	5.5	5.7	5.2	3.3	3.7	7.9	5.3
MED m/s	3.8	6.3	4.6	4.8	5.0	5.3	5.7	4.9	3.1	3.2	7.9	4.9

Prevailing Wind #4

DIR	SSE	WNW	SSE	SSE	SSE	SSE	WNW	WNW	SE	ESE	NNW	NNW
%OCC	8	10	11	10	11	11	7	8	12	10	10	9
AVG m/s	6.4	4.0	6.7	5.6	5.3	4.7	3.3	2.9	6.1	7.2	4.6	4.4
MED m/s	6.2	3.5	6.5	5.5	4.8	4.3	3.0	2.8	6.0	7.4	4.1	3.9