

NANAKWA SHOAL BUOY 46181, 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
53.830N	128.830W	3	101.29	-9.6	22.8	13.3	NE

Monthly Winds (2001–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	6	6	7	6	4	4	5	6	8	8	7	5

Prevailing Wind #1

DIR	NE	NE	NE	SW	SW	SW	SW	SSW	SSW	NE	NE	NE
%OCC	34	29	18	19	28	37	35	30	20	25	32	41
AVG m/s	8.3	7.3	6.7	5.1	5.4	5.8	5.8	4.7	4.5	6.2	7.7	8.0
MED m/s	8.3	7.3	6.6	5.0	5.4	5.9	5.9	4.8	4.4	6.1	7.9	8.0

Prevailing Wind #2

DIR	NNE	NNE	SW	NE	SSW	SSW	SSW	SW	SW	SSW	NNE	NNE
%OCC	17	16	14	12	18	23	29	26	15	12	15	17
AVG m/s	7.0	6.1	5.2	5.9	4.6	4.9	4.9	5.4	4.7	4.8	6.0	6.5
MED m/s	7.2	5.9	5.1	5.8	4.6	4.8	4.9	5.5	4.7	4.5	5.9	6.6

Prevailing Wind #3

DIR	SW	SW	NNE	SSW	NE	S	S	S	NE	NNE	SW	SW
%OCC	9	8	13	12	11	8	10	12	15	11	9	7
AVG m/s	5.7	5.2	6.3	4.4	5.1	4.5	4.5	4.3	5.1	4.9	5.2	5.3
MED m/s	5.7	5.1	6.3	4.3	4.8	4.4	4.5	4.2	4.6	4.4	5.1	5.4

Prevailing Wind #4

DIR	SSW	W	SSW	W	WSW	NE	NE	NE	S	SW	SSW	SSW
%OCC	7	7	9	10	9	7	5	8	11	10	8	6
AVG m/s	6.0	2.0	5.3	2.2	3.0	4.3	4.1	4.4	4.2	4.9	5.5	6.1
MED m/s	6.1	1.9	5.2	2.0	2.4	4.0	3.9	4.1	4.2	4.6	5.5	6.1