

NANAKWA SHOAL BUOY 46181, Canada

Annual Climatic Design Data (2001–2018)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
53.830N	128.830W	10	14.69	14.7	73.1	29.9	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 mph	18.5	16.4	15.0	11.3	12.1	12.9	12.9	10.6	10.2	13.9	17.2	17.9
MED mph	18.6	16.3	14.8	11.2	12.1	13.2	13.3	10.7	9.9	13.7	17.7	17.9

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 mph	15.7	13.6	11.7	13.3	10.3	10.9	10.9	12.0	10.4	10.7	13.4	14.6
MED mph	16.1	13.2	11.4	13.0	10.2	10.8	11.0	12.3	10.5	10.1	13.2	14.8

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 mph	12.8	11.6	14.1	9.8	11.4	10.0	10.0	9.5	11.3	10.9	11.6	11.8
MED mph	12.7	11.3	14.0	9.6	10.7	9.8	10.0	9.4	10.3	9.8	11.4	12.0

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 mph	13.5	4.5	11.9	5.0	6.7	9.7	9.1	9.8	9.5	10.9	12.3	13.5
MED mph	13.6	4.3	11.7	4.5	5.5	8.9	8.7	9.1	9.3	10.4	12.4	13.7