

SECRETARY ISLAND, New Zealand

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
45.221S	166.885E	62	14.66	37.9	70.2	31.9	NE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	0	0	0	0	4	0	0	0	1	1	1

Prevailing Wind #1

DIR	NE	NE	NE	NE	NE	SSE	NE	NE	NE	NE	NE	NE
%OCC	26	25	25	23	22	19	20	23	24	24	23	25
AVG mph	18.4	17.7	18.2	18.0	17.9	6.0	18.2	17.7	19.3	19.1	18.7	19.0
MED mph	18.2	17.7	17.8	18.0	17.5	6.1	18.0	17.2	19.3	19.0	18.9	19.1

Prevailing Wind #2

DIR	NNE	NNE	SSE	SSE	SSE	NE	SSE	SSE	SSE	SSE	WSW	NNE
%OCC	12	12	15	16	17	17	19	17	13	11	12	12
AVG mph	12.8	13.2	6.1	6.1	6.0	17.3	6.2	6.0	6.0	5.7	12.0	14.3
MED mph	12.3	13.1	6.1	6.1	6.0	17.4	6.3	6.1	6.0	5.6	11.0	14.0

Prevailing Wind #3

DIR	WSW	SSE	NNE	WSW	WSW	SE	SE	SE	NNE	WSW	SSE	WSW
%OCC	11	11	9	9	8	9	10	9	11	11	11	11
AVG mph	10.6	5.8	13.0	11.1	12.7	5.7	5.9	5.6	14.8	12.1	5.7	11.0
MED mph	9.6	5.8	13.3	10.2	10.8	5.7	6.0	5.5	14.4	10.6	5.6	10.0

Prevailing Wind #4

DIR	SSE	WSW	WSW	NNE	SE	S	WSW	NNE	WSW	NNE	NNE	SSE
%OCC	10	10	9	8	8	8	8	8	9	9	10	10
AVG mph	5.8	10.9	10.8	11.9	5.7	4.9	12.1	12.4	11.7	13.3	14.2	5.7
MED mph	5.8	10.3	9.8	11.4	5.6	4.7	10.6	12.3	10.2	12.6	13.7	5.7