

CHATHAM 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
43.8167S	176.4750W	40	14.67	37.4	69.5	35.1	WSW

Monthly Winds (1994–2019)

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

Prevailing Wind #1

DIR	WSW	WSW	NNW	SW	SW	SW	SW	SW	WSW	WSW	WSW	WSW
%OCC	11	10	11	13	12	15	13	13	12	14	14	12
AVG mph	16.7	16.3	16.0	15.3	14.9	16.8	16.4	16.5	19.8	19.3	18.4	17.3
MED mph	16.3	15.6	15.6	14.5	13.9	16.2	15.8	15.7	19.6	18.9	17.8	16.7

Prevailing Wind #2

DIR	NNW	NNW	SW	WSW	WSW	WSW	SSW	WSW	SW	SW	SW	NNW
%OCC	11	10	10	12	11	13	11	10	12	12	12	11
AVG mph	16.9	16.0	14.9	19.3	19.1	20.9	14.1	19.5	17.2	16.5	16.2	16.9
MED mph	16.7	15.9	14.4	18.5	18.4	20.6	13.0	19.0	16.6	15.9	15.7	16.7

Prevailing Wind #3

DIR	SW	SW	WSW	SSW	SSW	SSW	WSW	SSW	NNW	NW	NNW	SW
%OCC	10	10	10	11	10	12	11	10	11	11	11	10
AVG mph	14.9	14.5	17.6	14.2	13.5	15.4	19.7	15.1	17.1	16.7	18.2	15.5
MED mph	14.4	14.2	17.0	13.3	12.5	14.2	19.5	14.2	17.6	16.1	18.3	15.1

Prevailing Wind #4

DIR	NW	NW	SSW	NNW	NNW	W	S	NNW	NW	NNW	NW	NW
%OCC	9	8	8	8	8	8	7	8	9	10	10	9
AVG mph	16.2	14.8	13.2	16.0	15.4	19.4	11.0	15.6	17.0	17.3	17.6	16.4
MED mph	15.9	14.3	11.8	15.5	15.0	18.6	9.1	15.0	16.8	17.1	17.0	16.3