

CASTLEPOINT, New Zealand**Annual Climatic Design Data (1995–2019)**

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
40.9042S	176.2119E	394	14.49	40.0	76.3	56.1	NW

Monthly Winds (1995–2019)

	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	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
%OCC	25	22	20	20	25	22	20	21	27	31	28	25
AVG mph	30.4	27.6	27.4	25.9	26.5	26.2	28.1	27.0	29.9	31.0	31.9	29.5
MED mph	29.3	26.7	26.7	24.8	25.4	24.9	26.2	25.2	28.6	29.7	31.2	28.4

Prevailing Wind #2

DIR	SSW	NNE	SSW	SSW	WNW	WNW	WNW	WNW	NNW	WNW	WNW	SSW
%OCC	11	13	11	10	10	10	9	9	10	11	11	10
AVG mph	19.6	14.2	20.1	18.9	23.0	21.2	24.1	23.4	20.8	28.0	30.6	20.4
MED mph	18.2	14.0	18.9	18.5	20.5	19.0	22.0	20.1	20.1	25.7	29.7	19.8

Prevailing Wind #3

DIR	NE	SSW	NNE	NNE	NNW	WSW	SW	NNE	WNW	SSW	SSW	NNE
%OCC	10	11	11	10	9	9	8	8	10	9	10	10
AVG mph	13.6	20.6	13.9	12.9	18.3	13.4	19.0	13.2	25.2	23.9	21.6	14.8
MED mph	13.2	19.1	13.5	12.5	18.0	13.0	18.5	12.6	22.7	24.0	20.3	14.5

Prevailing Wind #4

DIR	NNE	NE	NNW	NNW	NNE	SW	NNW	WSW	SSW	NNW	NNW	NNW
%OCC	10	9	9	9	8	8	8	8	8	9	7	10
AVG mph	13.9	14.3	18.4	17.9	12.0	18.1	18.3	14.2	21.0	21.1	20.4	21.0
MED mph	13.8	14.0	18.3	18.3	11.6	17.5	17.4	13.5	20.2	20.6	20.4	20.9