

CAPE REINGA, New Zealand

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
34.4294S	172.6817E	213	98.80	8.5	23.2	21.7	SW

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	1	1	0	1	1	2	1	0	0	1

Prevailing Wind #1

DIR	ENE	ENE	ENE	ENE	SW	SW	SW	SW	SW	SW	SW	SW
%OCC	19	18	18	17	22	24	22	26	23	27	25	17
AVG m/s	10.0	9.9	10.1	10.2	11.0	11.3	11.4	11.1	10.3	10.7	9.5	8.7
MED m/s	10.0	9.5	9.7	9.6	10.5	10.7	10.9	10.8	9.7	10.4	9.0	8.3

Prevailing Wind #2

DIR	SW	SSW	SSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	ENE
%OCC	14	12	13	15	11	11	11	10	11	14	15	14
AVG m/s	8.2	8.0	8.3	9.7	8.9	8.9	9.2	8.7	8.6	9.2	8.7	10.4
MED m/s	8.0	7.7	8.1	9.2	8.6	8.3	8.6	8.3	8.3	9.0	8.6	10.0

Prevailing Wind #3

DIR	SSW	E	SW	SSW	ENE	ENE	ENE	ENE	ENE	ENE	ENE	SSW
%OCC	13	11	12	11	11	8	10	9	9	8	9	13
AVG m/s	8.7	8.0	8.6	8.4	10.9	12.3	12.0	11.1	9.8	9.3	9.2	8.6
MED m/s	8.4	7.7	8.1	8.1	10.0	11.6	11.2	10.1	9.5	9.0	8.7	8.4

Prevailing Wind #4

DIR	E	SW	E	E	NE	S	WNW	S	NE	S	S	S
%OCC	10	11	11	9	7	6	6	6	7	6	7	7
AVG m/s	8.2	7.5	8.0	7.1	12.0	7.5	8.7	7.4	10.7	8.1	8.3	7.9
MED m/s	7.9	7.1	7.7	7.0	11.5	7.3	8.4	7.2	10.2	7.8	8.1	7.7