

KAITAIA, New Zealand

Annual Climatic Design Data (1982–1994)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
35.1328S	173.2639E	85	100.31	5.2	24.9	12.8	WNW

Monthly Winds (1982–1994)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	12	14	16	10	11	15	10	13	9	9	12	14

Prevailing Wind #1

DIR	E	E	E	E	ESE	E	E	WSW	W	W	W	E
%OCC	13	13	10	12	12	10	11	9	12	12	10	11
AVG m/s	4.9	4.2	4.3	4.2	4.0	4.0	4.5	6.0	6.5	6.7	5.9	4.0
MED m/s	4.2	3.7	3.5	3.6	3.2	3.2	3.6	5.9	6.1	6.5	5.7	3.4

Prevailing Wind #2

DIR	ESE	ESE	ESE	ESE	SW	WSW	WSW	E	WSW	WNW	WSW	W
%OCC	9	10	8	11	10	9	9	9	11	11	10	8
AVG m/s	4.1	3.4	3.8	3.4	5.6	5.2	5.8	4.1	6.2	7.6	5.7	5.8
MED m/s	3.5	3.0	3.2	3.0	5.6	5.0	5.5	3.5	6.0	7.3	5.8	5.6

Prevailing Wind #3

DIR	WNW	SSW	SSW	SSW	WSW	ESE	ESE	W	E	WSW	SW	WSW
%OCC	9	7	8	8	10	8	9	9	10	9	9	8
AVG m/s	6.0	4.9	5.1	5.1	5.7	3.5	3.8	6.3	4.5	6.3	5.8	5.4
MED m/s	5.8	5.0	5.2	5.0	5.7	3.0	3.2	5.9	3.5	6.3	5.9	5.3

Prevailing Wind #4

DIR	W	WSW	SW	S	E	W	SW	SSW	WNW	SW	WNW	WNW
%OCC	8	7	7	7	10	8	9	8	9	8	9	7
AVG m/s	5.2	5.1	4.8	4.4	3.7	6.1	6.1	5.2	7.0	6.2	6.8	6.0
MED m/s	5.3	5.0	4.7	4.4	3.1	5.9	5.9	4.8	6.9	6.1	6.7	5.6