

TAIAROA HEAD, New Zealand

Annual Climatic Design Data (1994–2002)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
45.775S	170.727E	76	100.42	2.7	20.8	23.5	WSW

Monthly Winds (1994–2002)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	11	12	9	12	13	13	13	12	11	9	7	9

Prevailing Wind #1

DIR	NNE	NNE	NNE	N	WSW	WSW	SW	SW	N	SW	SW	NNE
%OCC	14	14	14	14	14	17	15	17	14	13	14	15
AVG m/s	6.9	7.4	7.5	6.5	14.2	12.3	8.5	9.4	6.5	11.3	10.5	7.5
MED m/s	6.8	7.3	7.1	5.6	13.9	12.4	7.7	8.8	6.0	10.8	9.9	7.3

Prevailing Wind #2

DIR	NE	NE	SW	SW	N	SW	N	WSW	NNE	NNE	WSW	NE
%OCC	12	13	12	13	13	15	15	14	14	12	13	13
AVG m/s	7.1	7.1	9.9	9.4	6.0	9.6	6.8	13.1	8.3	7.9	13.4	7.6
MED m/s	6.7	6.6	9.4	8.6	5.3	9.1	6.4	13.0	8.2	7.6	13.1	7.4

Prevailing Wind #3

DIR	SW	N	N	WSW	SW	N	WSW	N	SW	N	NNE	SW
%OCC	11	11	12	13	13	13	13	13	10	12	12	11
AVG m/s	10.5	6.0	5.8	12.8	9.5	6.8	11.1	6.5	10.1	6.5	8.4	10.9
MED m/s	9.9	5.6	5.3	12.3	8.8	5.9	10.4	5.5	9.5	5.7	7.9	10.2

Prevailing Wind #4

DIR	SSW	SW	SSW	NNE	NNE	NNE	NNE	NNE	WSW	SSW	SSW	N
%OCC	10	10	9	10	10	7	10	11	10	10	10	10
AVG m/s	8.6	9.8	7.9	7.6	7.6	7.0	8.0	7.9	12.5	9.1	8.3	6.1
MED m/s	8.1	9.3	7.4	7.4	7.8	6.2	7.7	7.6	12.2	8.0	7.9	5.5