

TAIAROA HEAD, New Zealand

Annual Climatic Design Data (1994–2002)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
45.775S	170.727E	249	14.56	36.8	69.4	52.5	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 mph	15.5	16.6	16.8	14.6	31.8	27.5	19.0	21.0	14.5	25.3	23.5	16.8
MED mph	15.1	16.4	15.9	12.4	31.0	27.7	17.2	19.8	13.5	24.2	22.1	16.4

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 mph	15.8	15.8	22.1	21.0	13.5	21.4	15.3	29.3	18.5	17.6	29.9	17.1
MED mph	15.0	14.8	21.1	19.2	11.8	20.4	14.4	29.2	18.3	16.9	29.3	16.5

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 mph	23.4	13.5	13.0	28.7	21.2	15.1	24.8	14.6	22.7	14.6	18.7	24.3
MED mph	22.1	12.6	11.8	27.6	19.7	13.1	23.3	12.2	21.2	12.7	17.6	22.8

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 mph	19.3	21.9	17.7	16.9	17.1	15.6	18.0	17.8	27.9	20.3	18.6	13.6
MED mph	18.2	20.7	16.6	16.6	17.5	13.8	17.3	16.9	27.3	17.9	17.6	12.3