

TAURANGA, New Zealand

Annual Climatic Design Data (1995–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
37.6706S	176.1964E	5	101.27	3.3	25.8	10.7	WSW

Monthly Winds (1995–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	1	2	2	3	3	2	2	1	1	1

Prevailing Wind #1

DIR	WSW	SW	SW	SW	SW	SW	SW	WSW	WSW	W	WSW	WSW
%OCC	14	11	14	17	18	18	17	14	15	18	16	14
AVG m/s	5.7	3.7	3.7	3.4	3.5	3.5	3.5	4.9	5.4	6.0	6.1	5.7
MED m/s	5.6	3.4	3.3	3.1	3.1	3.1	3.1	4.6	5.1	5.8	6.0	5.6

Prevailing Wind #2

DIR	SW	WSW	WSW	WSW	WSW	WSW	WSW	SW	W	WSW	W	W
%OCC	11	11	11	12	13	14	12	14	14	18	16	12
AVG m/s	4.1	5.0	5.1	4.4	4.8	4.8	4.6	3.6	5.5	6.1	6.0	5.6
MED m/s	3.7	4.7	5.0	4.0	4.3	4.4	4.0	3.1	5.3	5.9	5.8	5.4

Prevailing Wind #3

DIR	N	N	SSW	SSW	SSW	W	SSW	W	SW	SW	SW	N
%OCC	10	8	9	11	11	11	11	12	12	10	10	11
AVG m/s	4.4	4.5	2.5	2.3	2.3	5.0	2.6	5.0	3.5	4.3	4.4	4.6
MED m/s	4.3	4.4	2.2	2.1	2.1	4.6	2.3	4.7	3.1	3.9	4.0	4.6

Prevailing Wind #4

DIR	W	NNE	W	W	W	SSW	W	SSW	SSW	N	N	SW
%OCC	9	8	8	9	11	11	10	9	6	8	8	9
AVG m/s	5.5	4.0	4.9	4.6	4.9	2.5	4.8	2.4	2.5	4.7	4.8	4.0
MED m/s	5.5	3.9	4.7	4.5	4.6	2.3	4.5	2.1	2.2	4.6	4.8	3.5