

TAUPO, New Zealand

Annual Climatic Design Data (1996–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
38.742S	176.081E	402	96.59	-2.3	24.9	11.0	WSW

Monthly Winds (1996–2019)

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

Prevailing Wind #1

DIR	W	W	WSW	WSW	W	WSW	WSW	WSW	W	W	W	W
%OCC	17	14	13	13	12	13	10	12	16	21	21	18
AVG m/s	5.6	5.0	4.8	5.4	6.1	6.4	5.9	5.5	5.7	6.0	6.0	5.7
MED m/s	5.6	4.9	4.1	5.2	6.4	6.6	6.1	5.8	5.7	6.0	6.0	5.6

Prevailing Wind #2

DIR	WSW	WSW	W	W	WSW	W	W	W	WSW	WSW	WSW	WSW
%OCC	15	14	12	11	11	10	10	12	12	16	16	15
AVG m/s	4.6	4.2	5.4	5.3	5.9	6.3	5.6	5.6	5.3	5.6	5.1	4.8
MED m/s	3.9	3.5	5.4	5.2	6.4	6.4	5.7	5.6	4.9	5.4	4.7	4.2

Prevailing Wind #3

DIR	NNE	ESE	ESE	E	NE	NE	ESE	NE	NNE	WNW	NNE	NNE
%OCC	8	10	10	9	9	9	9	9	8	8	7	9
AVG m/s	3.0	4.7	4.3	2.5	2.8	3.2	3.5	3.2	3.5	5.1	3.3	3.2
MED m/s	2.7	4.8	4.1	2.1	2.2	2.3	2.9	2.4	3.0	4.8	3.0	3.1

Prevailing Wind #4

DIR	NE	NNE	NE	ENE	E	E	E	ENE	NE	NNE	WNW	NE
%OCC	8	9	9	9	9	8	9	8	7	7	7	9
AVG m/s	3.2	3.1	3.1	2.4	2.4	2.4	2.5	2.4	3.5	3.6	5.1	3.4
MED m/s	2.5	2.8	2.4	2.0	2.0	2.1	2.1	2.0	2.7	3.3	4.9	3.3