

TIMARU, 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
44.3050S	171.2214E	27	101.00	-3.0	26.7	9.9	S

Monthly Winds (1996–2019)

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

Prevailing Wind #1

DIR	E	E	NW	NW	NW	WNW	NW	WNW	NW	NW	E	E
%OCC	11	11	9	13	16	22	21	15	12	9	10	11
AVG m/s	3.6	3.5	2.2	2.2	2.4	2.7	2.4	2.6	2.5	2.7	3.6	3.5
MED m/s	3.6	3.5	2.0	2.0	2.2	2.5	2.2	2.3	2.2	2.2	3.7	3.4

Prevailing Wind #2

DIR	ESE	ESE	E	WNW	WNW	NW	WNW	NW	WNW	WNW	ENE	ENE
%OCC	9	9	8	13	15	20	19	14	11	9	8	9
AVG m/s	3.3	3.2	3.2	2.4	2.7	2.4	2.6	2.4	3.2	3.8	3.5	3.5
MED m/s	3.3	3.1	3.1	2.1	2.3	2.3	2.3	2.2	2.5	2.5	3.4	3.3

Prevailing Wind #3

DIR	SE	ENE	WNW	S	NNW	W	W	W	W	E	SSE	ESE
%OCC	8	7	8	6	8	9	8	8	7	9	7	9
AVG m/s	3.6	3.3	2.8	4.0	2.2	2.6	2.4	2.5	3.2	3.3	4.5	3.1
MED m/s	3.5	3.2	2.0	3.6	2.1	2.2	2.1	2.1	2.3	3.3	4.0	3.1

Prevailing Wind #4

DIR	S	SE	ENE	NNW	W	NNW	NNW	NNW	E	S	ESE	SE
%OCC	8	7	7	6	7	7	7	6	7	7	7	8
AVG m/s	4.3	3.5	3.1	2.0	2.6	2.2	2.2	2.1	2.9	4.6	3.1	3.4
MED m/s	3.7	3.3	3.0	2.0	2.1	2.1	2.1	2.0	2.8	4.2	3.1	3.3