

PURERUA, 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
35.125S	174.017E	87	100.29	6.1	24.0	11.1	ENE

Monthly Winds (1995–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	11	11	10	11	12	11	12	10	11	9	11	12

Prevailing Wind #1

DIR	SSW	SSW	SSW	SSW	W	W	W	W	W	W	W	NNW
%OCC	10	10	10	11	11	12	13	13	12	12	9	9
AVG m/s	3.7	3.4	3.6	3.4	3.0	3.0	3.5	3.3	3.3	3.2	3.4	3.9
MED m/s	3.4	3.2	3.4	3.3	2.7	2.8	2.9	2.9	2.8	2.8	3.0	3.5

Prevailing Wind #2

DIR	E	E	E	S	SSW	SSW	WNW	WNW	WNW	WNW	SW	SSW
%OCC	8	10	10	9	11	10	10	11	10	10	9	9
AVG m/s	5.5	5.5	5.6	3.0	3.4	3.4	3.0	2.8	2.9	2.8	3.9	3.6
MED m/s	5.5	5.5	5.5	2.8	3.2	3.3	2.6	2.5	2.6	2.5	3.5	3.4

Prevailing Wind #3

DIR	ESE	S	S	W	WNW	WSW	SSW	WSW	WSW	WSW	WSW	SW
%OCC	8	9	9	7	8	9	9	9	8	10	8	8
AVG m/s	5.9	3.1	3.1	2.7	2.6	3.6	3.5	4.1	3.8	4.3	3.9	3.8
MED m/s	5.6	3.0	2.9	2.5	2.4	3.2	3.2	3.5	3.3	3.9	3.4	3.5

Prevailing Wind #4

DIR	S	ESE	ESE	E	WSW	WNW	WSW	SSW	SSW	SW	SSW	W
%OCC	8	8	8	7	8	9	8	9	8	9	8	7
AVG m/s	3.2	5.3	5.2	5.1	3.4	2.7	3.7	3.9	3.6	4.3	3.8	3.1
MED m/s	3.0	5.3	5.1	5.0	3.0	2.5	2.9	3.4	3.3	3.9	3.5	2.7