

NEW PLYMOUTH, New Zealand

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
39.0078S	174.1836E	28	100.99	2.3	23.8	13.4	WSW

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	1	1	0	0	1	1	1	0	1	1

Prevailing Wind #1

DIR	W	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	WSW	W	W
%OCC	17	16	20	21	20	21	23	18	15	17	18	17
AVG m/s	6.5	5.0	5.3	5.0	4.9	5.2	5.5	5.1	5.8	7.5	7.3	6.7
MED m/s	6.4	4.3	4.5	4.0	4.0	4.2	4.4	4.3	5.1	7.4	7.2	6.5

Prevailing Wind #2

DIR	SSE	W	SE	SE	SE	SE	SE	SE	WSW	W	WSW	WSW
%OCC	15	16	14	16	15	15	16	13	12	15	16	13
AVG m/s	5.7	6.2	3.9	3.6	3.5	3.8	3.8	3.5	7.0	7.5	7.2	6.6
MED m/s	5.3	6.0	3.3	3.2	3.2	3.4	3.3	3.1	6.8	7.3	7.1	6.4

Prevailing Wind #3

DIR	WSW	SE	W	WSW	WSW	WSW	WSW	WSW	W	SSE	SSE	SSE
%OCC	13	12	12	11	12	11	10	12	11	12	13	12
AVG m/s	6.5	3.5	6.4	6.0	6.7	6.9	6.6	6.5	7.2	5.6	5.4	5.0
MED m/s	6.3	3.1	6.2	5.9	6.5	6.6	6.3	6.3	7.0	4.9	4.9	4.5

Prevailing Wind #4

DIR	SE	WSW	WSW	W	W	W	W	W	SE	WNW	WNW	WNW
%OCC	9	11	11	8	8	7	7	8	9	8	9	8
AVG m/s	3.6	6.1	6.3	6.3	7.6	8.1	7.3	6.9	3.9	6.2	5.9	5.3
MED m/s	3.1	5.8	6.1	6.2	7.5	7.9	7.0	6.6	3.2	5.9	5.4	5.1