

MOKOHINAU, 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
35.903S	175.115E	60	100.61	9.5	23.5	19.3	ESE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	3	1	1	1	1	4	0	1	1	2	1	2

Prevailing Wind #1

DIR	WSW	ESE	ESE	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
%OCC	12	15	14	12	16	18	17	18	18	24	23	17
AVG m/s	6.8	9.6	9.6	7.2	7.9	8.0	7.9	7.8	8.1	8.0	7.5	7.0
MED m/s	6.7	9.6	9.3	6.8	7.6	7.6	7.4	7.8	7.3	7.9	7.4	6.7

Prevailing Wind #2

DIR	SW	E	E	SW	W	W	W	W	W	SW	SW	SW
%OCC	12	11	12	11	10	11	12	12	12	12	12	12
AVG m/s	6.9	8.0	8.4	6.7	9.3	9.3	9.4	9.1	9.2	7.3	7.1	6.5
MED m/s	6.8	8.2	7.9	6.3	9.1	9.3	9.1	9.2	8.6	7.1	7.1	6.4

Prevailing Wind #3

DIR	ESE	SW	WSW	ESE	SW	SW	SW	SW	SW	W	W	NW
%OCC	11	11	12	10	10	9	9	10	9	11	10	9
AVG m/s	9.6	6.3	6.5	9.2	7.2	7.5	7.1	7.0	7.3	8.7	7.8	8.4
MED m/s	9.1	5.9	6.3	8.6	6.9	7.2	6.7	6.6	6.7	8.6	7.7	8.1

Prevailing Wind #4

DIR	E	WSW	SW	E	WNW	WNW	WNW	WNW	NW	NW	NW	W
%OCC	9	10	11	9	8	8	9	9	9	9	9	7
AVG m/s	7.4	6.1	6.7	8.4	9.2	9.9	9.7	8.7	10.4	10.0	9.9	7.1
MED m/s	7.1	6.0	6.7	7.9	9.3	10.0	9.5	8.7	10.4	9.8	9.9	6.5