

NELSON, 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
41.3009S	173.2160E	6	101.25	0.3	24.4	11.7	NNE

Monthly Winds (1994–2019)

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

Prevailing Wind #1

DIR	NNE	NNE	SW	SW	SW	SW	SW	SW	SW	SW	NNE	NNE
%OCC	18	16	16	19	23	23	21	20	17	18	16	19
AVG m/s	6.1	5.7	4.1	3.5	3.6	3.6	3.3	3.4	4.0	5.0	6.2	6.3
MED m/s	5.9	5.6	3.3	2.7	2.5	2.5	2.4	2.5	3.3	4.4	5.9	6.1

Prevailing Wind #2

DIR	SW	N	NNE	WSW	WSW	SSW	SSW	WSW	NNE	NNE	SW	SW
%OCC	14	13	13	11	12	12	13	11	12	15	16	13
AVG m/s	5.0	4.8	5.2	3.4	3.6	2.0	2.1	3.3	5.1	5.9	5.3	4.8
MED m/s	4.4	4.6	4.9	2.4	2.5	1.8	1.9	2.3	4.8	5.5	4.9	4.4

Prevailing Wind #3

DIR	N	SW	N	SSW	SSW	WSW	WSW	SSW	NE	WSW	N	N
%OCC	13	12	12	10	11	12	13	11	10	11	11	12
AVG m/s	4.9	4.2	4.7	2.1	2.1	3.4	3.2	2.0	5.3	5.2	5.3	5.4
MED m/s	4.6	3.5	4.3	1.9	1.9	2.3	2.2	1.8	5.1	4.8	4.8	4.9

Prevailing Wind #4

DIR	WSW	WSW	WSW	N	S	S	S	NE	WSW	N	WSW	NE
%OCC	8	7	9	9	6	7	8	7	9	9	9	9
AVG m/s	4.7	3.9	4.1	4.0	1.7	1.8	1.9	4.7	3.9	4.9	5.3	5.9
MED m/s	3.7	2.6	2.9	3.5	1.6	1.7	1.7	4.2	3.0	4.5	5.0	6.0