

NELSON, New Zealand**Annual Climatic Design Data (1994–2019)**

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
41.3009S	173.2160E	20	14.69	32.6	75.9	26.2	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 mph	13.6	12.8	9.1	7.9	8.0	8.0	7.4	7.6	9.0	11.2	13.8	14.2
MED mph	13.1	12.5	7.5	6.0	5.7	5.5	5.5	5.5	7.3	10.0	13.2	13.7

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 mph	11.1	10.6	11.6	7.7	8.1	4.5	4.7	7.5	11.4	13.1	11.8	10.6
MED mph	9.8	10.2	11.0	5.3	5.5	4.1	4.2	5.2	10.7	12.3	11.0	9.9

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 mph	11.1	9.3	10.6	4.7	4.8	7.6	7.1	4.6	11.9	11.6	12.0	12.0
MED mph	10.3	7.7	9.5	4.2	4.3	5.1	5.0	4.1	11.4	10.7	10.7	10.9

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 mph	10.5	8.7	9.2	8.9	3.9	4.1	4.2	10.5	8.8	11.0	11.8	13.3
MED mph	8.3	5.8	6.4	7.7	3.5	3.7	3.8	9.3	6.7	10.0	11.1	13.4