

PALMERSTON NORTH, 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
40.323S	175.612E	128	14.63	32.0	78.7	25.7	WNW

Monthly Winds (1994–2019)

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

Prevailing Wind #1

DIR	WNW	ESE	ESE	ESE	NW	NW	ESE	NW	WNW	WNW	WNW	WNW
%OCC	17	15	14	13	13	13	13	13	17	21	21	18
AVG mph	13.7	12.2	11.4	9.5	11.1	11.6	9.2	11.9	14.7	15.8	15.8	13.9
MED mph	13.5	12.6	11.5	9.2	11.1	11.5	8.3	11.8	14.9	16.0	16.2	13.8

Prevailing Wind #2

DIR	W	W	WNW	SE	WNW	ESE	NW	ESE	NW	NW	W	W
%OCC	16	13	12	12	13	12	12	12	15	15	16	16
AVG mph	11.3	11.4	13.4	10.6	14.0	8.3	11.6	8.7	12.0	12.1	12.9	12.0
MED mph	11.0	11.0	13.0	10.5	14.1	7.1	11.7	8.1	11.6	11.8	12.2	11.7

Prevailing Wind #3

DIR	ESE	WNW	SE	WNW	ESE	NNW	SE	WNW	ESE	W	NW	NW
%OCC	12	12	12	11	11	10	10	12	10	13	13	11
AVG mph	12.2	12.5	11.7	12.3	8.6	9.5	10.6	13.8	10.1	12.4	11.9	10.6
MED mph	12.1	11.9	11.7	11.8	7.9	9.4	10.4	13.7	9.7	11.9	11.6	10.2

Prevailing Wind #4

DIR	NW	SE	NW	NW	NNW	WNW	WNW	E	W	NNW	ESE	ESE
%OCC	10	10	10	10	11	10	10	10	10	8	9	11
AVG mph	10.8	12.2	10.9	11.2	8.9	13.7	13.3	8.4	11.4	9.0	11.4	11.5
MED mph	10.0	12.3	10.4	11.2	9.0	13.7	13.6	7.3	10.9	8.6	11.3	11.6