

DUNEDIN, New Zealand

Annual Climatic Design Data (2003–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
45.9267S	170.1967E	2	101.30	-4.3	26.6	11.3	WSW

Monthly Winds (2003–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	2	3	4	5	6	8	6	6	3	2	2	2
Prevailing Wind #1												
DIR	SW	SW	SW	SW	SW	WSW	SW	SW	SW	WSW	WSW	ENE
%OCC	13	14	14	15	15	16	15	14	14	16	16	14
AVG m/s	5.3	4.9	4.8	4.5	4.0	5.7	3.9	4.0	4.7	6.0	5.8	4.1
MED m/s	5.0	4.6	4.6	4.2	3.8	5.8	3.7	3.8	4.5	6.0	5.6	3.8
Prevailing Wind #2												
DIR	ENE	ENE	WSW	WSW	WSW	SW	WSW	WSW	WSW	SW	SW	SW
%OCC	13	12	12	13	13	16	13	11	13	15	15	13
AVG m/s	3.8	3.8	5.1	5.0	4.8	4.4	4.9	4.8	5.9	5.3	5.7	5.2
MED m/s	3.3	3.4	5.0	4.8	4.7	4.1	5.0	4.8	5.8	5.0	5.3	4.9
Prevailing Wind #3												
DIR	WSW	WSW	ENE	ENE	ENE	ENE	NE	ENE	ENE	ENE	ENE	WSW
%OCC	12	12	11	11	10	9	9	11	12	11	11	11
AVG m/s	5.4	5.1	3.4	3.5	3.0	2.9	3.0	3.5	3.8	3.7	3.7	5.5
MED m/s	5.2	5.0	3.1	3.2	2.8	2.7	2.6	3.3	3.5	3.4	3.4	5.4
Prevailing Wind #4												
DIR	NE	NE	NE	NE	NE	SSW	ENE	NE	NE	SSW	SSW	NE
%OCC	8	8	9	9	10	9	9	10	10	8	8	9
AVG m/s	3.1	3.1	2.8	2.9	2.9	2.8	3.1	3.2	3.4	3.7	3.8	3.3
MED m/s	2.8	2.8	2.5	2.5	2.5	2.5	2.9	2.8	3.0	3.3	3.2	3.1