

INVERCARGILL, 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
46.4108S	168.3178E	3	101.29	-2.2	23.6	14.8	W

Monthly Winds (1994–2019)

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

Prevailing Wind #1

DIR	WSW	WSW	WSW	WSW	N	NNW	N	N	WSW	WSW	WSW	WSW
%OCC	22	19	16	13	11	13	13	11	13	17	22	22
AVG m/s	8.2	7.6	7.5	7.5	3.3	3.3	3.0	2.9	7.4	8.1	7.9	8.0
MED m/s	8.1	7.5	7.3	7.2	2.9	3.2	2.6	2.5	7.3	8.0	7.8	7.9

Prevailing Wind #2

DIR	W	W	W	W	NNW	N	NNW	NNW	W	W	W	W
%OCC	12	11	12	12	11	12	12	11	12	16	16	11
AVG m/s	8.6	7.8	8.4	8.3	3.5	3.0	3.4	3.4	8.1	9.0	8.7	8.0
MED m/s	8.6	7.7	8.4	8.0	3.3	2.7	3.1	3.1	8.0	9.1	8.9	7.9

Prevailing Wind #3

DIR	NNW	N	N	N	W	WSW	NNE	W	N	NNW	NNW	SW
%OCC	7	8	8	11	10	10	11	10	11	10	9	7
AVG m/s	4.7	3.5	3.5	3.3	8.5	8.2	2.4	7.1	4.0	4.4	4.5	5.4
MED m/s	4.1	2.9	2.8	2.8	8.3	7.8	2.3	7.0	3.3	3.9	4.0	5.2

Prevailing Wind #4

DIR	SW	NNW	NNW	NNW	WSW	NNE	NE	NNE	NNW	N	SW	N
%OCC	7	7	8	10	9	9	10	9	10	8	7	7
AVG m/s	6.0	3.9	3.8	3.7	8.0	2.3	2.4	2.3	4.2	3.9	5.6	3.9
MED m/s	5.3	3.5	3.4	3.4	7.7	2.2	2.2	2.2	3.6	3.3	5.3	3.4