

CHRISTCHURCH, 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
43.4897S	172.5269E	117	14.63	26.9	82.7	25.2	ENE

Monthly Winds (1994–2019)

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

Prevailing Wind #1

DIR	ENE	ENE	ENE	ENE	ENE	WSW	WSW	ENE	ENE	ENE	ENE	ENE
%OCC	27	28	24	17	13	13	12	14	17	20	23	27
AVG mph	13.3	13.1	12.2	11.0	9.7	8.1	7.7	10.2	11.3	12.1	12.8	13.6
MED mph	13.0	12.7	11.9	10.6	9.6	7.3	7.1	9.9	10.8	11.9	12.5	13.3

Prevailing Wind #2

DIR	NE	NE	NE	NE	NE	SW	SW	SW	NE	NE	NE	NE
%OCC	11	11	13	12	12	12	12	12	11	12	11	11
AVG mph	9.4	9.3	8.8	7.9	7.7	9.8	9.4	10.0	8.2	8.9	9.4	9.3
MED mph	8.5	8.5	7.9	7.1	6.9	8.9	8.4	9.1	7.3	7.9	8.4	8.5

Prevailing Wind #3

DIR	E	E	SSW	SW	SW	NE	NE	NE	SW	SSW	SSW	E
%OCC	9	10	8	10	10	11	11	11	9	9	9	9
AVG mph	12.2	12.1	12.4	9.8	10.0	7.2	7.3	7.9	10.4	13.2	12.6	12.4
MED mph	11.9	12.1	11.8	8.8	8.7	6.4	6.5	7.0	9.7	12.5	12.0	12.3

Prevailing Wind #4

DIR	SSW	SSW	SW	WSW	WSW	ENE	ENE	WSW	SSW	SW	E	SSW
%OCC	9	9	8	8	10	9	11	10	8	8	8	8
AVG mph	12.6	12.6	10.2	7.3	8.3	9.0	9.3	8.1	11.6	10.8	11.6	12.5
MED mph	11.8	12.2	9.3	6.7	7.5	8.6	8.8	7.3	11.0	10.0	11.3	11.9