

KAIKOURA, New Zealand

Annual Climatic Design Data (1997–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
42.4204S	173.6950E	354	14.51	38.3	76.9	35.4	SSW

Monthly Winds (1997–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	1	1	1	1	1	1	1	1	1	1
Prevailing Wind #1												
DIR	NE	NE	NE	NE	SW	W	W	SW	NE	NE	NE	NE
%OCC	20	21	18	12	12	15	15	13	13	15	18	20
AVG mph	13.1	12.4	11.6	10.7	14.4	11.2	11.1	13.7	10.9	11.2	12.2	11.8
MED mph	11.7	11.5	10.5	9.4	11.9	10.4	10.3	11.5	9.7	10.1	11.1	11.0
Prevailing Wind #2												
DIR	SSW	SSW	SSW	SSW	W	SW	SW	W	SSW	SSW	SSW	SSW
%OCC	14	14	11	11	12	13	13	12	11	13	12	12
AVG mph	15.1	14.9	14.7	13.6	10.7	14.9	14.1	10.7	14.8	15.1	14.9	14.5
MED mph	13.2	12.7	13.3	11.7	9.5	12.8	11.6	9.8	12.8	12.8	12.8	12.9
Prevailing Wind #3												
DIR	SW	SW	SW	SW	WSW	WSW	WSW	NE	SW	SW	SW	SW
%OCC	9	10	10	10	11	12	12	11	11	11	9	9
AVG mph	13.0	11.9	12.3	12.3	12.7	13.1	13.2	11.0	12.9	13.6	13.9	12.0
MED mph	10.6	10.1	10.3	10.1	9.7	10.3	10.4	9.1	10.6	11.5	11.8	10.2
Prevailing Wind #4												
DIR	NNE	NNE	NNE	W	NNE	N	NNE	WSW	NNE	NNE	S	S
%OCC	8	9	10	10	10	9	9	11	10	10	9	8
AVG mph	8.3	7.7	7.4	9.9	7.7	6.1	7.3	13.1	7.9	7.9	14.8	14.2
MED mph	7.5	7.0	6.8	8.6	6.9	6.1	6.7	10.8	7.4	7.4	12.8	12.6