

AUCKLAND, 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
37.0089S	174.8072E	7	101.24	4.1	25.8	12.4	WSW

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	1	2	2	2	2	1	1	0	0	0

Prevailing Wind #1

DIR	SW	SW	SW	SW	SW	WSW	WSW	SW	SW	SW	SW	SW
%OCC	23	20	17	15	12	11	10	13	14	21	23	22
AVG m/s	6.3	5.9	6.0	5.6	5.9	6.4	6.2	6.1	6.1	7.0	6.6	6.3
MED m/s	6.2	5.8	5.9	5.4	5.7	6.1	5.9	5.9	5.9	6.9	6.5	6.3

Prevailing Wind #2

DIR	WSW	WSW	WSW	WSW	WSW	SW	SW	WSW	WSW	WSW	WSW	WSW
%OCC	11	9	9	9	11	11	10	12	14	16	17	14
AVG m/s	6.1	5.6	6.0	5.8	6.6	5.8	5.6	6.2	6.6	7.2	6.9	6.4
MED m/s	5.9	5.4	5.8	5.4	6.4	5.7	5.3	6.0	6.2	7.0	6.8	6.2

Prevailing Wind #3

DIR	NNE	SSW	SSW	NE	NNE	NNE	NNE	NNE	NNE	W	NNE	NNE
%OCC	9	9	8	9	9	8	8	9	9	9	7	9
AVG m/s	4.9	4.8	4.9	4.2	3.9	3.9	3.7	4.1	4.5	7.6	5.1	5.0
MED m/s	4.7	4.5	4.5	4.0	3.2	3.2	3.1	3.4	4.2	7.3	5.0	4.9

Prevailing Wind #4

DIR	SSW	NNE	NNE	SSW	NE	SSW	SSW	NE	W	NNE	SSW	NE
%OCC	9	8	8	8	8	7	7	7	8	8	7	8
AVG m/s	4.9	4.7	4.2	4.5	4.3	4.6	4.4	4.2	7.1	4.9	5.1	5.3
MED m/s	4.6	4.5	3.9	4.1	4.0	4.1	3.8	3.6	6.9	4.7	4.8	5.3