

MACQUARIE ISLAND, Australia

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
54.499S	158.937E	8	101.23	-2.9	9.7	19.9	W

Monthly Winds (1994–2019)

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

Prevailing Wind #1

DIR	NW	W	W	W	W	W	W	NNW	NNW	W	W	W
%OCC	18	20	20	21	19	20	20	18	18	21	23	17
AVG m/s	10.0	10.9	11.1	11.6	11.6	11.2	11.6	11.6	11.8	11.4	10.9	10.1
MED m/s	9.9	10.8	11.2	11.6	11.6	11.2	11.7	11.6	11.8	11.4	10.9	9.9

Prevailing Wind #2

DIR	W	WNW	WNW	WNW	WNW	WNW	WNW	NW	W	NNW	WNW	NNW
%OCC	17	20	20	19	18	17	16	16	16	17	16	17
AVG m/s	10.5	10.8	10.9	11.6	11.5	11.4	11.2	11.5	11.4	11.2	10.6	9.7
MED m/s	10.4	10.8	11.0	11.6	11.7	11.6	11.4	11.5	11.3	11.1	10.5	9.7

Prevailing Wind #3

DIR	WNW	NW	NW	NW	NW	NW	NW	W	NW	WNW	NW	NW
%OCC	16	19	19	17	18	16	15	15	16	16	15	16
AVG m/s	10.4	10.5	10.9	11.5	11.6	11.6	11.2	11.3	11.1	11.4	10.4	9.5
MED m/s	10.3	10.4	11.0	11.6	11.8	12.0	11.2	11.3	11.3	11.4	10.4	9.4

Prevailing Wind #4

DIR	NNW	NNW	NNW	NNW	NNW	NNW	NNW	WNW	WNW	NW	NNW	WNW
%OCC	16	15	16	17	13	13	14	13	15	15	13	15
AVG m/s	10.3	10.6	11.8	12.1	11.5	11.7	11.4	11.1	11.2	11.4	10.3	10.1
MED m/s	10.3	10.7	11.8	12.3	11.6	11.9	11.5	11.2	11.3	11.4	10.3	10.1