

BOUGAINVILLE REEF, Australia**Annual Climatic Design Data (1996–2019)**

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
15.488S	147.118E	13	101.17	21.2	30.2	14.8	SE

Monthly Winds (1996–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	2	3	1	0	0	0	0	0	0	1	1	2
Prevailing Wind #1												
DIR	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
%OCC	21	18	26	46	48	45	48	46	44	36	34	26
AVG m/s	8.0	7.7	8.6	10.2	10.4	10.4	10.3	9.5	9.4	8.9	8.4	7.7
MED m/s	8.0	7.4	8.7	10.4	10.7	10.5	10.4	9.7	9.5	8.8	8.5	7.8
Prevailing Wind #2												
DIR	ESE	ESE	ESE	ESE	SSE	SSE	SSE	ESE	ESE	ESE	ESE	ESE
%OCC	16	18	18	19	24	26	23	25	28	28	26	24
AVG m/s	7.4	7.4	8.0	9.5	9.5	9.3	9.7	8.8	8.3	7.9	7.5	7.3
MED m/s	7.4	7.3	7.9	9.7	9.5	9.3	9.6	8.9	8.5	8.0	7.4	7.2
Prevailing Wind #3												
DIR	SSE	E	SSE	SSE	ESE	ESE	ESE	SSE	SSE	SSE	E	E
%OCC	9	8	17	19	17	19	21	17	12	12	11	11
AVG m/s	6.5	6.0	7.8	9.0	9.5	9.8	9.8	8.8	8.5	8.0	6.2	6.1
MED m/s	6.5	5.9	7.7	9.0	9.7	10.0	9.9	8.9	8.7	8.2	6.1	5.8
Prevailing Wind #4												
DIR	NNW	SSE	E	S	S	S	S	E	E	E	SSE	SSE
%OCC	7	8	8	4	4	6	2	4	8	12	10	9
AVG m/s	7.1	6.3	6.9	7.7	8.0	8.8	9.3	6.6	6.2	6.3	7.3	6.8
MED m/s	6.8	6.3	6.6	7.3	7.4	8.9	9.1	6.5	6.1	6.1	7.4	6.9