

MARION REEF, 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
19.096S	152.389E	8	101.23	20.1	29.6	14.3	SE

Monthly Winds (1994–2019)

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

Prevailing Wind #1

DIR	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE
%OCC	26	24	31	35	34	32	30	30	32	33	35	30
AVG m/s	8.4	8.3	9.0	9.4	9.4	9.5	9.2	8.6	8.2	8.4	8.2	8.1
MED m/s	8.5	8.3	9.0	9.5	9.6	9.6	9.2	8.6	8.4	8.5	8.3	8.0

Prevailing Wind #2

DIR	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	SE
%OCC	18	18	27	35	31	25	28	27	21	20	21	18
AVG m/s	8.5	8.7	9.5	9.5	8.9	8.8	8.7	8.5	8.4	8.7	7.3	8.3
MED m/s	8.5	9.0	9.4	9.7	9.1	8.9	8.8	8.6	8.6	8.9	7.3	8.3

Prevailing Wind #3

DIR	E	E	E	SSE	SSE	SSE	SSE	E	E	E	SE	E
%OCC	16	14	13	11	11	13	13	12	17	18	17	17
AVG m/s	7.7	7.6	7.9	8.3	8.1	7.9	7.6	7.5	7.1	7.1	8.5	7.1
MED m/s	7.7	7.6	7.5	8.5	8.3	7.8	7.7	7.5	7.1	7.1	8.7	7.1

Prevailing Wind #4

DIR	ENE	SSE	SSE	E	E	E	E	SSE	ENE	ENE	ENE	ENE
%OCC	6	7	8	9	10	11	11	11	7	7	7	8
AVG m/s	6.8	7.2	8.0	8.0	7.9	8.4	8.3	7.4	6.0	5.8	6.0	6.1
MED m/s	6.8	6.9	7.9	8.0	7.9	8.5	8.3	7.6	5.9	5.7	6.0	6.1