

HOLMES 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
16.468S	147.873E	6	101.25	21.4	30.1	14.0	SE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	8	8	7	4	4	5	4	3	4	6	6	8

Prevailing Wind #1

DIR	ESE	ESE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE
%OCC	22	19	25	43	41	37	40	35	36	35	31	27
AVG m/s	7.4	7.2	8.3	9.1	9.0	9.1	8.8	8.4	7.6	7.8	7.4	7.3
MED m/s	7.7	7.4	8.7	9.4	9.4	9.4	9.1	8.6	7.9	7.9	7.6	7.4

Prevailing Wind #2

DIR	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE
%OCC	17	15	22	28	32	30	32	35	30	25	22	20
AVG m/s	7.7	7.7	7.6	9.1	9.0	9.1	8.8	8.2	8.1	8.1	7.6	7.3
MED m/s	7.7	7.9	7.8	9.5	9.4	9.3	9.0	8.4	8.5	8.3	7.8	7.4

Prevailing Wind #3

DIR	E	E	E	SSE	SSE	SSE	SSE	E	E	E	E	E
%OCC	11	11	12	11	12	14	14	10	14	14	17	14
AVG m/s	6.4	6.5	6.4	7.9	8.9	9.1	8.7	6.8	6.4	6.2	6.2	5.9
MED m/s	6.6	6.5	6.3	8.4	9.1	9.5	9.0	6.8	6.6	6.3	6.5	5.9

Prevailing Wind #4

DIR	N	NW	SSE	E	E	E	E	SSE	SSE	ENE	ENE	ENE
%OCC	6	7	9	8	6	7	7	10	5	7	7	5
AVG m/s	6.3	7.5	7.9	7.9	8.0	7.7	7.8	8.3	6.7	5.0	5.2	4.8
MED m/s	6.0	7.4	8.0	7.8	8.0	7.9	7.9	8.6	6.4	4.9	5.2	4.7