

GARDEN ISLAND, Australia**Annual Climatic Design Data (2001–2019)**

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
32.243S	115.684E	7	101.25	8.9	32.2	13.4	SSW

Monthly Winds (2001–2019)

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

Prevailing Wind #1

DIR	SSW	SSW	SSW	SSW	SSE	NNE	NNE	NNE	SSW	SSW	SSW	SSW
%OCC	27	23	20	15	10	12	12	7	12	20	23	29
AVG m/s	9.4	8.6	8.2	7.2	5.2	5.3	4.9	4.7	7.2	7.8	8.7	8.9
MED m/s	9.6	8.7	8.3	7.1	5.2	5.2	4.8	4.6	7.2	7.9	8.8	9.0

Prevailing Wind #2

DIR	SW	SW	S	SSE	NE	NE	NE	W	W	SW	SW	SW
%OCC	13	12	12	12	8	11	8	7	9	11	13	15
AVG m/s	7.6	6.9	7.4	5.4	4.1	4.4	4.1	7.9	7.9	6.6	7.1	7.4
MED m/s	7.5	6.7	7.3	5.3	4.0	4.2	4.0	7.7	7.7	6.3	6.9	7.2

Prevailing Wind #3

DIR	S	ESE	SSE	S	SE	ENE	W	NE	SW	SSE	S	S
%OCC	13	12	11	10	8	9	8	7	8	10	11	13
AVG m/s	8.2	6.0	5.9	6.7	4.2	4.2	8.5	3.9	6.6	5.8	7.8	8.0
MED m/s	8.4	6.0	5.8	6.7	4.2	4.0	8.4	3.9	6.2	5.8	7.8	8.1

Prevailing Wind #4

DIR	SSE	S	ESE	SE	NNE	SE	N	SE	SSE	S	SSE	SSE
%OCC	11	11	10	8	8	7	7	7	8	10	10	10
AVG m/s	6.2	7.8	5.3	4.6	4.9	4.3	5.7	4.2	5.6	7.2	6.1	6.2
MED m/s	6.2	7.7	5.2	4.5	4.7	4.1	5.7	4.0	5.5	7.3	6.0	6.2