

VARANUS 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
20.656S	115.576E	25	101.03	18.8	33.4	16.4	E

Monthly Winds (2001–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	0	1	1	3	5	5	2	2	0	0	0	0

Prevailing Wind #1

DIR	W	W	WSW	SSW	E	E	E	SSW	SSW	SSW	SW	W
%OCC	21	18	13	14	16	22	17	13	22	22	20	21
AVG m/s	8.9	7.9	6.9	7.1	9.9	10.6	9.6	7.3	8.3	8.6	8.8	8.3
MED m/s	8.8	7.7	6.8	6.7	10.0	10.8	9.8	7.3	8.3	8.5	9.1	8.6

Prevailing Wind #2

DIR	WSW	WSW	W	SW	ENE	ENE	ENE	S	SW	SW	WSW	WSW
%OCC	17	17	12	12	13	19	14	12	17	21	20	21
AVG m/s	9.1	8.2	6.9	6.4	7.7	8.4	7.9	7.2	8.2	8.9	8.7	8.5
MED m/s	9.1	8.0	6.9	6.0	7.5	8.2	7.6	6.7	8.3	8.9	8.9	8.7

Prevailing Wind #3

DIR	WNW	WNW	SSW	S	S	S	S	SW	WSW	WSW	SSW	SW
%OCC	13	14	12	10	10	9	12	10	13	17	18	15
AVG m/s	7.5	6.8	7.1	6.5	6.5	6.7	6.9	6.5	7.6	8.7	8.6	8.5
MED m/s	7.3	6.4	6.9	6.0	6.1	6.3	6.6	6.4	7.8	8.7	8.7	8.6

Prevailing Wind #4

DIR	SW	SW	SW	WSW	SSW	ESE	SSW	E	S	W	W	WNW
%OCC	12	11	12	9	9	8	11	9	10	13	17	13
AVG m/s	8.8	7.8	6.9	6.2	6.6	8.0	6.6	9.1	7.8	8.0	8.2	7.0
MED m/s	8.4	7.4	6.8	5.9	6.4	7.4	6.3	9.8	7.7	7.8	8.3	7.0