

SWAN ISLAND, 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
40.729S	148.125E	15	101.14	5.6	22.8	16.1	WNW

Monthly Winds (1994–2019)

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

Prevailing Wind #1

DIR	WNW	WNW	WNW	W	W	W	W	WNW	WNW	WNW	WNW	WNW
%OCC	18	13	15	16	21	18	21	22	24	24	21	22
AVG m/s	8.1	7.8	8.2	8.6	8.6	7.2	8.0	8.6	8.3	8.2	8.3	8.5
MED m/s	7.9	7.6	7.8	8.5	8.5	7.0	7.9	8.5	8.2	8.0	8.1	8.5

Prevailing Wind #2

DIR	W	SE	W	WNW	WNW	WNW	WNW	W	W	W	W	W
%OCC	14	12	13	15	17	16	17	19	22	18	15	15
AVG m/s	8.7	8.2	8.5	7.6	8.7	7.9	8.6	8.1	8.4	8.6	9.0	9.1
MED m/s	8.8	8.2	8.5	7.1	8.6	7.8	8.4	8.2	8.4	8.8	9.3	9.3

Prevailing Wind #3

DIR	SE	ESE	SE	SSE	WSW	WSW	NW	NW	NW	NW	SE	SE
%OCC	11	11	9	8	10	10	13	11	9	9	9	9
AVG m/s	8.0	7.0	7.5	6.9	5.1	4.4	9.7	8.2	7.2	6.7	8.5	7.9
MED m/s	8.0	7.0	7.5	6.3	4.5	4.0	9.6	8.1	6.5	5.9	8.4	8.0

Prevailing Wind #4

DIR	ESE	W	ESE	WSW	NW	NW	WSW	WSW	WSW	SE	NW	NW
%OCC	9	11	8	7	9	8	10	8	7	6	7	7
AVG m/s	7.0	8.6	7.0	5.3	8.9	9.5	4.6	4.8	5.1	7.4	6.0	6.3
MED m/s	7.0	8.8	6.9	4.7	8.1	9.2	4.1	4.4	4.5	7.2	5.6	6.0