

ALVA BEACH, Australia**Annual Climatic Design Data (1998–2019)**

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
19.4569S	147.4833E	8	101.23	10.8	31.9	11.4	E

Monthly Winds (1998–2019)

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

Prevailing Wind #1

DIR	E	E	ESE	ESE	ESE	ESE	ESE	E	E	E	E	E
%OCC	22	20	23	26	21	20	21	19	24	23	27	22
AVG m/s	7.1	6.9	7.1	6.8	6.1	5.8	5.5	6.0	6.6	7.1	7.3	7.1
MED m/s	7.0	6.8	6.7	6.6	6.0	5.8	5.3	5.8	6.5	7.0	7.1	7.0

Prevailing Wind #2

DIR	ENE	ESE	E	E	SSW	SSW	SSW	ESE	ESE	ENE	ENE	ENE
%OCC	16	15	20	17	16	20	17	19	18	18	22	19
AVG m/s	6.4	6.7	7.2	6.7	3.2	3.3	3.3	6.0	6.4	6.3	6.6	6.4
MED m/s	6.3	6.4	6.9	6.5	3.1	3.2	3.2	5.8	6.2	6.3	6.6	6.3

Prevailing Wind #3

DIR	ESE	ENE	ENE	SE	E	E	E	SSW	ENE	ESE	ESE	ESE
%OCC	13	14	11	14	14	13	17	12	16	13	12	13
AVG m/s	6.8	6.2	5.9	6.0	5.9	5.4	5.6	3.1	5.8	6.9	7.2	7.3
MED m/s	6.6	6.1	5.7	5.8	5.8	5.2	5.5	3.1	5.8	6.7	7.1	7.1

Prevailing Wind #4

DIR	NE	NE	SE	SSW	SE	S	SE	ENE	NE	NE	NE	NE
%OCC	10	8	10	10	13	12	9	11	8	11	12	12
AVG m/s	5.6	5.5	5.9	3.0	5.5	3.2	5.4	5.5	4.9	5.6	5.8	5.8
MED m/s	5.6	5.3	5.7	3.0	5.5	3.2	5.3	5.4	4.9	5.6	5.8	5.8