

KARRATHA KING BAY, Australia

Annual Climatic Design Data (1991–2001)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
20.617S	116.750E	16	101.13	16.3	36.6	14.6	E

Monthly Winds (1991–2001)

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

Prevailing Wind #1

DIR	WSW	WSW	WSW	ESE	E	ESE	ESE	ENE	WSW	WSW	WSW	WSW
%OCC	17	14	12	10	16	18	17	10	20	20	21	22
AVG m/s	7.6	7.4	6.7	6.8	7.4	7.4	7.6	7.9	7.0	7.3	8.4	8.1
MED m/s	7.7	7.2	6.4	6.0	6.8	7.1	7.3	7.7	7.3	7.3	8.3	8.1

Prevailing Wind #2

DIR	W	W	SW	E	ENE	E	E	ESE	SW	SW	SW	SW
%OCC	14	14	12	8	13	18	16	9	15	17	17	18
AVG m/s	7.3	7.3	5.9	7.5	7.7	8.1	7.7	7.6	6.0	6.8	7.7	7.6
MED m/s	7.0	6.9	5.6	6.9	7.5	7.8	7.7	7.1	5.7	6.5	7.6	7.7

Prevailing Wind #3

DIR	SW	SW	SSW	ENE	ESE	ENE	ENE	E	SSW	W	W	W
%OCC	12	11	10	8	13	15	12	9	11	13	15	13
AVG m/s	7.0	6.5	4.8	6.8	7.4	8.3	7.1	7.8	5.8	6.8	7.6	7.2
MED m/s	6.9	6.1	4.6	6.7	7.2	8.1	7.1	7.6	5.5	6.4	7.7	7.1

Prevailing Wind #4

DIR	WNW	NNW	W	NW	NE	NE	NE	WSW	W	SSW	SSW	WNW
%OCC	11	10	9	8	9	7	6	7	11	9	9	10
AVG m/s	6.9	6.4	5.6	4.6	6.5	6.5	6.1	6.0	6.8	5.6	6.4	7.0
MED m/s	7.0	5.9	5.7	4.7	6.2	6.2	5.8	5.5	6.5	5.4	6.1	6.8