

KARRATHA, 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
20.7097S	116.7742E	6	101.26	11.6	39.4	12.6	W

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	2	3	3	4	4	3	1	1	0	1
Prevailing Wind #1												
DIR	W	W	WSW	WSW	NE	E	NE	WSW	WSW	W	W	W
%OCC	23	18	13	10	13	15	12	11	20	25	29	28
AVG m/s	7.8	7.1	5.4	4.5	5.4	6.2	5.4	4.8	5.5	7.3	7.9	7.8
MED m/s	7.5	6.9	5.4	4.3	5.6	6.0	5.5	4.5	5.2	7.3	7.8	7.6
Prevailing Wind #2												
DIR	WNW	WNW	W	NE	E	ESE	E	NE	W	WSW	WSW	WNW
%OCC	17	15	13	10	11	13	11	10	18	23	22	19
AVG m/s	6.7	6.2	6.4	5.6	6.2	5.6	6.2	5.8	6.7	6.1	6.7	6.8
MED m/s	6.6	6.1	6.2	5.6	5.9	5.4	6.2	5.9	6.7	5.9	6.7	6.8
Prevailing Wind #3												
DIR	WSW	WSW	WNW	NNE	ESE	NE	ESE	W	WNW	WNW	WNW	WSW
%OCC	14	13	10	9	10	11	10	9	9	12	15	17
AVG m/s	6.8	6.1	5.6	5.2	5.8	5.2	5.9	6.0	5.9	6.5	7.0	6.8
MED m/s	6.5	5.9	5.5	5.3	5.6	5.3	5.9	5.9	5.9	6.4	6.9	6.8
Prevailing Wind #4												
DIR	NW	NW	NE	W	ENE	ENE	ENE	S	SW	SW	NW	NW
%OCC	9	9	7	9	9	11	9	9	9	6	6	8
AVG m/s	5.7	5.2	6.3	5.5	5.8	6.0	5.8	3.7	4.2	4.6	6.1	6.0
MED m/s	5.5	5.3	6.2	5.4	5.9	6.0	5.8	3.6	3.9	4.1	6.1	6.0