

ROTTNEST 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
32.0069S	115.5022E	43	100.81	10.5	31.4	15.6	S

Monthly Winds (1994–2019)

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

Prevailing Wind #1

DIR	SSW	S	S	S	E	NNE	NNE	WSW	S	S	S	SSW
%OCC	27	23	22	17	9	11	8	8	12	20	21	28
AVG m/s	9.9	9.1	8.8	7.8	5.2	8.1	7.4	8.3	7.7	8.5	9.1	9.7
MED m/s	10.0	9.0	8.6	7.7	5.0	8.0	7.0	8.0	7.5	8.4	9.2	9.7

Prevailing Wind #2

DIR	S	SSW	SSW	SSE	SSE	N	W	S	SSW	SSW	SSW	S
%OCC	24	23	17	12	9	9	8	8	9	16	21	25
AVG m/s	9.7	9.3	8.8	7.1	6.6	8.4	8.4	7.6	7.6	8.3	9.2	9.5
MED m/s	9.6	9.3	8.8	6.7	6.4	8.0	8.2	7.2	7.2	8.3	9.2	9.5

Prevailing Wind #3

DIR	SSE	SSE	SSE	SSW	S	E	N	WNW	SSE	SSE	SSE	SSE
%OCC	12	11	13	11	8	8	8	7	9	11	11	12
AVG m/s	8.0	7.9	7.7	7.5	7.0	4.8	8.6	8.5	6.9	7.5	7.9	8.0
MED m/s	7.7	7.4	7.2	7.3	6.7	4.8	8.5	8.3	6.7	7.4	7.5	7.8

Prevailing Wind #4

DIR	SE	ESE	SE	SE	SE	NE	WSW	NW	WSW	SE	SW	SE
%OCC	8	10	10	9	8	8	8	7	9	7	7	7
AVG m/s	7.2	6.7	7.1	6.1	5.9	6.2	8.4	8.9	7.8	6.5	7.8	7.1
MED m/s	7.0	6.6	7.0	5.8	5.6	6.0	8.2	8.8	7.5	6.4	7.7	6.9