

ROTUMA ISLAND, Fiji

Annual Climatic Design Data (1994–2017)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
12.500S	177.050E	26	101.01	23.8	31.7	8.2	N

Monthly Winds (1994–2017)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	41	41	45	44	44	27	23	28	23	33	34	37

Prevailing Wind #1

DIR	E	E	E	E	E	E	E	E	E	E	E	E
%OCC	14	18	12	21	19	28	35	31	25	25	19	21
AVG m/s	2.9	2.7	2.8	2.7	2.7	2.9	3.0	2.9	3.2	2.9	3.1	2.9
MED m/s	2.7	2.6	2.5	2.5	2.5	2.8	2.9	2.8	3.1	2.8	3.0	2.7

Prevailing Wind #2

DIR	ESE	ESE	W	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE
%OCC	6	6	6	8	9	13	17	12	15	15	16	8
AVG m/s	2.9	2.7	4.3	2.7	3.0	3.1	3.4	3.5	3.7	3.4	3.4	3.0
MED m/s	2.8	2.6	4.1	2.6	2.9	3.0	3.2	3.4	3.4	3.1	3.1	2.9

Prevailing Wind #3

DIR	ENE	ENE	ENE	ENE	SE	SSE	SSE	SSE	SE	SE	SSE	SSE
%OCC	6	6	6	6	8	13	11	10	14	7	7	6
AVG m/s	3.5	3.2	3.3	3.1	3.3	3.2	3.4	3.9	3.9	3.7	3.0	3.1
MED m/s	3.2	3.0	3.1	2.9	3.1	3.1	3.2	3.5	3.7	3.3	2.9	3.0

Prevailing Wind #4

DIR	N	N	WSW	W	SSE	SE	SE	SE	SSE	SSE	SE	ENE
%OCC	5	5	4	4	7	10	6	9	13	6	6	5
AVG m/s	4.9	4.3	3.9	4.6	3.2	3.2	3.5	3.8	3.5	3.8	3.6	3.3
MED m/s	4.9	4.3	3.5	4.1	3.0	3.1	3.4	3.6	3.3	3.4	3.5	2.9