

ROTUMA ISLAND, Fiji

Annual Climatic Design Data (1994–2017)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
12.500S	177.050E	85	14.65	74.9	89.0	18.3	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 mph	6.4	6.0	6.2	6.1	6.1	6.5	6.8	6.5	7.1	6.5	7.0	6.5
MED mph	6.1	5.7	5.7	5.7	5.6	6.2	6.6	6.2	6.8	6.2	6.7	6.1

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 mph	6.4	6.1	9.6	6.1	6.7	7.0	7.7	7.8	8.3	7.6	7.5	6.8
MED mph	6.2	5.9	9.1	5.7	6.4	6.7	7.1	7.5	7.6	7.0	7.0	6.5

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 mph	7.8	7.2	7.3	6.9	7.3	7.2	7.5	8.7	8.8	8.3	6.6	6.9
MED mph	7.1	6.6	6.8	6.5	6.9	6.9	7.2	7.9	8.2	7.5	6.6	6.8

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 mph	10.9	9.7	8.7	10.2	7.2	7.2	7.8	8.6	7.8	8.5	8.0	7.3
MED mph	11.0	9.6	7.7	9.1	6.8	6.9	7.5	8.1	7.5	7.7	7.8	6.5