

TARAWA BETIO, Kiribati

Annual Climatic Design Data (1997–2011)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
1.355N	172.923E	4	101.28	24.9	30.2	10.1	E

Monthly Winds (1997–2011)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	0	7	8	11	13	15	12	9	1	1	1

Prevailing Wind #1

DIR	E	E	E	E	E	E	E	E	E	E	E	E
%OCC	32	39	35	32	27	24	23	20	24	24	27	28
AVG m/s	6.5	6.8	6.3	5.9	5.3	5.0	5.3	4.8	5.3	5.1	5.7	6.2
MED m/s	6.7	6.9	6.3	5.9	5.3	5.0	5.4	4.9	5.3	5.1	5.7	6.2

Prevailing Wind #2

DIR	ENE	ENE	ENE	ENE	ENE	ENE	ESE	ESE	ESE	ESE	ESE	ENE
%OCC	21	21	25	28	21	19	15	17	19	20	17	21
AVG m/s	6.5	6.6	6.4	6.0	5.4	4.8	4.5	4.4	4.6	4.7	5.0	6.1
MED m/s	6.6	6.7	6.4	6.0	5.4	4.7	4.5	4.3	4.7	4.7	5.0	6.1

Prevailing Wind #3

DIR	ESE	ESE	ESE	NE	ESE	ESE	ENE	ENE	ENE	ENE	ENE	ESE
%OCC	13	14	11	12	15	17	14	11	13	13	16	13
AVG m/s	5.5	5.9	5.4	5.3	4.5	4.5	5.1	4.3	4.9	5.0	5.5	5.1
MED m/s	5.5	6.0	5.4	5.3	4.5	4.5	5.1	4.3	4.7	5.0	5.5	5.2

Prevailing Wind #4

DIR	NE	NE	NE	ESE	NE	NE	SE	SE	SE	SE	NE	NE
%OCC	12	11	11	9	8	8	10	11	9	9	8	10
AVG m/s	5.6	6.0	5.7	5.0	4.6	4.0	3.4	3.5	3.3	3.7	4.3	5.1
MED m/s	5.7	6.1	5.8	5.0	4.4	3.9	3.2	3.4	3.2	3.6	4.2	5.2