

TARAWA BETIO, Kiribati

Annual Climatic Design Data (1997–2011)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
1.355N	172.923E	13	14.69	76.7	86.4	22.5	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 mph	14.6	15.2	14.0	13.2	11.9	11.1	11.9	10.8	11.8	11.4	12.7	13.8
MED mph	15.0	15.5	14.0	13.2	11.9	11.1	12.0	10.9	11.8	11.4	12.8	13.8

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 mph	14.5	14.7	14.2	13.3	12.0	10.8	10.1	9.7	10.4	10.5	11.2	13.6
MED mph	14.8	14.9	14.4	13.4	12.0	10.6	10.0	9.7	10.4	10.5	11.2	13.6

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 mph	12.3	13.2	12.2	12.0	10.1	10.0	11.4	9.7	10.9	11.2	12.4	11.4
MED mph	12.2	13.4	12.2	11.9	10.0	10.1	11.4	9.5	10.5	11.2	12.4	11.6

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 mph	12.5	13.3	12.7	11.2	10.2	9.0	7.5	7.8	7.5	8.3	9.7	11.5
MED mph	12.6	13.7	12.9	11.2	10.0	8.7	7.3	7.6	7.2	8.0	9.5	11.5