

FUA'AMOTU, Tonga

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
21.241S	175.150W	125	14.63	59.4	87.7	19.8	ESE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	16	18	19	12	15	15	15	13	16	15	14	13

Prevailing Wind #1

DIR	ESE	ESE	ESE	ESE	SE	ESE	SE	SE	ESE	ESE	ESE	ESE
%OCC	20	18	21	23	21	18	18	18	18	21	22	25
AVG mph	9.5	9.9	8.9	9.4	9.6	9.3	9.5	9.3	10.2	9.7	9.2	9.8
MED mph	9.3	9.6	8.5	9.1	9.2	9.0	9.2	8.9	10.2	9.5	9.0	9.6

Prevailing Wind #2

DIR	E	E	E	SE	ESE	SE	ESE	ESE	SE	SE	SE	E
%OCC	15	13	14	18	19	17	14	16	16	18	18	20
AVG mph	9.4	9.1	8.9	9.2	9.4	9.2	9.1	9.5	9.6	9.6	8.9	10.0
MED mph	9.0	8.6	8.4	8.6	8.9	8.7	8.7	9.3	9.4	9.3	8.5	9.8

Prevailing Wind #3

DIR	SE	SE	SE	E	E	E	SSE	E	E	E	E	SE
%OCC	14	12	14	15	12	12	11	11	14	14	13	14
AVG mph	9.4	9.7	8.9	9.4	8.9	9.3	10.0	8.9	9.9	9.3	9.4	9.1
MED mph	9.0	9.2	8.4	9.1	8.4	8.8	10.0	8.5	9.6	8.9	9.0	8.7

Prevailing Wind #4

DIR	ENE	ENE	ENE	SSE	SSE	SSE	E	SSE	SSE	SSE	SSE	ENE
%OCC	7	8	6	8	9	10	10	10	9	11	9	6
AVG mph	9.0	8.1	8.2	9.4	9.5	9.8	9.5	10.0	9.9	10.0	10.0	9.6
MED mph	8.5	7.4	7.5	9.0	9.2	9.3	9.1	9.9	9.7	9.9	9.9	9.2