

VANUA BALAVU, Fiji

Annual Climatic Design Data (1986–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
17.233S	178.950W	52	100.70	21.4	31.0	10.5	ESE

Monthly Winds (1986–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	15	18	15	12	17	12	4	0	3	4	11	17

Prevailing Wind #1

DIR	E	E	E	E	ESE	E	ESE	ESE	ESE	ESE	E	E
%OCC	21	21	21	30	28	29	29	32	30	31	28	24
AVG m/s	4.0	4.1	4.4	5.0	5.6	5.2	6.1	6.0	5.8	5.4	4.5	4.5
MED m/s	3.9	3.8	4.3	4.7	5.2	4.8	5.8	6.0	5.8	5.0	4.2	4.2

Prevailing Wind #2

DIR	ESE	ESE	ESE	ESE	E	ESE	E	SE	E	E	ESE	ESE
%OCC	14	13	14	20	21	25	26	20	24	30	26	23
AVG m/s	4.5	3.8	4.3	5.0	4.9	4.9	5.2	5.5	5.1	5.1	4.9	4.9
MED m/s	4.3	3.5	4.2	4.6	4.2	4.3	5.0	5.6	4.5	4.6	4.5	4.6

Prevailing Wind #3

DIR	ENE	ENE	ENE	SE	SE	SE	SE	E	SE	SE	SE	ENE
%OCC	9	7	9	9	13	13	18	20	20	14	12	8
AVG m/s	3.7	3.5	3.9	4.6	5.4	5.0	5.9	5.2	5.7	5.2	4.8	4.1
MED m/s	3.3	3.2	3.5	4.0	5.1	4.4	5.7	5.1	5.7	4.8	4.6	3.8

Prevailing Wind #4

DIR	NNW	NNW	SE	ENE	ENE	ENE	SSE	SSE	SSE	ENE	ENE	SE
%OCC	5	6	7	6	5	5	7	9	8	6	6	8
AVG m/s	3.8	2.6	3.9	4.1	4.0	4.1	5.4	5.2	5.1	4.5	4.7	4.7
MED m/s	3.4	2.2	3.5	3.8	3.5	3.5	5.2	5.3	4.9	4.2	4.4	4.4