

VANUA BALAVU, Fiji

Annual Climatic Design Data (1986–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
17.233S	178.950W	171	14.61	70.4	87.8	23.5	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 mph	9.0	9.2	9.9	11.1	12.6	11.6	13.6	13.5	13.1	12.0	10.1	10.0
MED mph	8.7	8.6	9.7	10.6	11.7	10.8	12.9	13.3	12.9	11.3	9.5	9.5

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 mph	10.1	8.6	9.7	11.2	10.9	10.9	11.6	12.4	11.4	11.3	11.0	11.0
MED mph	9.7	7.9	9.4	10.3	9.4	9.6	11.2	12.4	10.0	10.3	10.1	10.4

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 mph	8.3	7.9	8.7	10.3	12.0	11.2	13.1	11.7	12.7	11.6	10.7	9.1
MED mph	7.4	7.1	7.9	9.0	11.5	9.8	12.6	11.5	12.7	10.7	10.2	8.5

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 mph	8.5	5.9	8.7	9.1	8.9	9.2	12.1	11.6	11.4	10.2	10.5	10.6
MED mph	7.6	4.8	7.8	8.6	7.8	7.9	11.7	11.8	11.0	9.3	9.8	9.9