

VIWA, Fiji

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
17.150S	176.900E	16	14.69	70.2	90.5	22.9	SSE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	22	22	22	24	24	14	14	12	18	25	23	22

Prevailing Wind #1

DIR	E	ENE	ENE	E	E	E	E	E	E	E	E	E
%OCC	12	11	16	18	20	24	20	19	22	21	15	18
AVG mph	8.3	5.9	7.1	7.3	9.2	9.4	9.5	10.1	10.2	9.4	8.2	8.8
MED mph	8.0	5.4	6.8	6.9	8.9	8.9	9.1	10.1	9.9	8.9	7.6	8.4

Prevailing Wind #2

DIR	ENE	E	E	ENE	ENE	ENE	SSE	SSE	ENE	ENE	ENE	ENE
%OCC	12	10	12	17	13	14	14	16	14	16	15	14
AVG mph	7.7	7.9	7.5	6.6	7.9	8.4	14.4	14.5	8.6	8.6	7.4	8.1
MED mph	7.2	7.5	7.2	6.3	7.3	7.6	14.1	14.5	8.1	8.3	7.0	7.6

Prevailing Wind #3

DIR	SSE	SSE	NE	ESE	SSE	SSE	ENE	ENE	SSE	SSE	SSE	ESE
%OCC	6	6	7	7	9	13	14	15	12	9	9	8
AVG mph	8.9	9.6	6.8	7.0	10.7	12.4	8.5	9.1	11.7	11.6	9.8	7.8
MED mph	8.0	9.2	6.5	6.4	9.9	11.4	8.5	9.1	10.6	10.7	8.6	7.1

Prevailing Wind #4

DIR	S	NE	ESE	SSE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	S
%OCC	5	5	5	7	8	10	12	11	11	8	7	6
AVG mph	8.4	5.6	6.2	10.7	8.1	8.4	8.8	9.0	8.4	7.8	7.0	10.9
MED mph	7.9	5.0	6.1	9.7	7.6	7.9	8.1	8.8	7.5	7.1	6.8	10.3