

VIWA, Fiji

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
17.150S	176.900E	5	101.26	21.2	32.5	10.2	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 m/s	3.7	2.6	3.2	3.3	4.1	4.2	4.3	4.5	4.5	4.2	3.7	4.0
MED m/s	3.6	2.4	3.0	3.1	4.0	4.0	4.1	4.5	4.4	4.0	3.4	3.8
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 m/s	3.5	3.5	3.3	3.0	3.5	3.7	6.4	6.5	3.8	3.8	3.3	3.6
MED m/s	3.2	3.4	3.2	2.8	3.3	3.4	6.3	6.5	3.6	3.7	3.1	3.4
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 m/s	4.0	4.3	3.0	3.1	4.8	5.5	3.8	4.1	5.2	5.2	4.4	3.5
MED m/s	3.6	4.1	2.9	2.9	4.4	5.1	3.8	4.1	4.7	4.8	3.8	3.2
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 m/s	3.7	2.5	2.8	4.8	3.6	3.7	3.9	4.0	3.8	3.5	3.1	4.9
MED m/s	3.5	2.2	2.7	4.3	3.4	3.5	3.6	3.9	3.4	3.2	3.0	4.6