

YASAWA-I-RARA, 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
16.700S	177.583E	50	100.73	21.5	33.2	12.4	ESE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	3	2	2	7	10	9	10	9	14	15	13	1

Prevailing Wind #1

DIR	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE
%OCC	18	20	23	30	40	37	39	37	43	42	35	32
AVG m/s	6.0	5.8	5.5	7.0	6.8	6.7	7.8	8.0	7.6	7.5	7.0	6.7
MED m/s	6.2	5.8	5.3	7.1	6.6	6.5	8.1	8.2	7.8	7.5	7.0	6.8

Prevailing Wind #2

DIR	E	E	E	E	SE	SE	SE	SE	E	E	E	E
%OCC	13	14	16	22	16	18	18	20	13	15	14	17
AVG m/s	5.3	5.0	4.5	6.3	6.4	6.8	6.7	7.3	6.7	7.0	6.4	5.7
MED m/s	5.2	4.9	4.2	6.1	6.3	6.9	6.7	7.6	6.3	7.0	6.3	5.6

Prevailing Wind #3

DIR	SE	ENE	ENE	SE	E	E	E	E	SE	SE	SE	SE
%OCC	13	10	9	9	14	13	11	14	11	11	14	15
AVG m/s	6.6	4.7	4.5	6.4	5.4	5.7	6.8	7.4	6.8	7.4	7.2	6.8
MED m/s	6.8	4.6	4.4	6.3	5.1	5.3	6.7	7.4	6.7	7.8	7.7	7.0

Prevailing Wind #4

DIR	ENE	SE	NE	ENE	ENE	ENE	SSE	ENE	ENE	ENE	ENE	ENE
%OCC	11	10	8	7	6	5	4	4	4	4	6	9
AVG m/s	4.9	5.4	4.8	5.5	5.0	5.4	5.4	5.8	5.0	5.5	5.1	5.1
MED m/s	4.7	5.6	4.2	5.4	4.8	4.9	5.0	5.8	4.8	5.3	5.0	5.0