

ILE MATTHEW, New Caledonia

Annual Climatic Design Data (1994–2010)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
22.346S	171.358E	92	14.65	63.2	85.1	32.5	ESE

Monthly Winds (1994–2010)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	14	16	16	14	1	1	1	1	2	2	3	4

Prevailing Wind #1

DIR	ESE	E	ESE	E	ESE	SE	ESE	ESE	E	ESE	ESE	E
%OCC	26	27	25	23	22	22	18	19	23	32	28	31
AVG mph	15.5	15.2	19.0	15.1	19.6	23.0	18.0	16.5	13.2	16.3	15.9	14.8
MED mph	15.8	15.4	19.2	15.0	19.4	25.9	18.3	16.8	12.7	16.5	16.1	15.1

Prevailing Wind #2

DIR	E	ESE	E	ESE	SE	ESE	SE	SE	ESE	E	E	ESE
%OCC	21	24	19	21	20	16	16	16	21	18	18	28
AVG mph	14.0	16.4	16.4	17.3	21.1	18.5	21.3	17.8	17.0	12.2	13.5	15.5
MED mph	14.4	16.8	16.4	17.4	23.1	19.1	20.3	18.3	17.3	12.0	13.1	15.9

Prevailing Wind #3

DIR	SE	SE	SE	SE	E	NNW	E	E	SE	SE	SE	SE
%OCC	15	12	15	16	15	11	11	14	13	17	18	14
AVG mph	15.2	17.0	19.6	21.1	17.2	3.0	14.6	12.6	17.1	17.9	17.8	18.4
MED mph	15.2	17.8	19.9	24.2	17.3	2.4	15.1	12.4	16.7	18.6	17.5	18.6

Prevailing Wind #4

DIR	SSE	SSE	N	SSE	SSE	E	NNW	NNW	NNW	SSE	SSE	SSE
%OCC	7	5	6	5	10	10	11	11	9	8	8	7
AVG mph	12.3	12.4	12.6	12.4	15.6	16.5	4.5	3.9	3.0	14.3	15.3	15.3
MED mph	11.8	12.6	11.6	12.7	13.7	16.0	2.6	2.6	2.4	15.0	15.2	15.4