

ILE ART, New Caledonia

Annual Climatic Design Data (2001–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
19.721S	163.660E	84	100.32	17.8	30.4	11.8	E

Monthly Winds (2001–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	5	5	3	4	5	3	3	1	2	2	2	3

Prevailing Wind #1

DIR	E	E	E	ESE	ESE	E	SE	ESE	ESE	E	E	E
%OCC	22	19	22	30	28	20	23	22	23	25	28	26
AVG m/s	5.3	5.2	5.5	5.2	5.5	5.7	3.9	4.5	4.7	5.7	5.8	5.3
MED m/s	5.4	5.1	5.3	5.3	5.4	5.4	3.8	4.5	4.8	5.6	5.7	5.3

Prevailing Wind #2

DIR	ESE	ENE	ESE	E	E	ESE	ESE	E	E	ESE	ENE	ENE
%OCC	20	17	19	22	18	19	22	20	20	22	21	18
AVG m/s	5.1	5.3	5.2	5.5	5.5	4.8	4.4	5.2	5.0	5.1	6.1	5.5
MED m/s	5.3	5.2	5.2	5.4	5.1	4.7	4.4	5.1	5.1	5.2	5.9	5.5

Prevailing Wind #3

DIR	ENE	ESE	ENE	SE	SE	SE	E	SE	SE	ENE	ESE	ESE
%OCC	13	13	16	16	15	15	13	15	13	16	20	18
AVG m/s	5.4	4.8	6.0	4.1	4.1	4.0	4.8	3.7	3.9	6.0	5.2	5.0
MED m/s	5.3	4.5	5.8	4.0	4.0	3.9	4.8	3.7	3.7	5.8	5.2	5.0

Prevailing Wind #4

DIR	NE	SE	SE	ENE	ENE	ENE	SSE	SSE	ENE	SE	SE	NE
%OCC	8	10	11	10	10	12	12	11	12	10	9	10
AVG m/s	5.4	3.8	4.3	5.6	5.7	6.3	3.6	3.7	5.3	3.9	4.3	5.8
MED m/s	5.2	3.6	4.1	5.4	5.4	5.7	3.5	3.7	5.3	3.7	4.0	5.9