

ILE SURPRISE, New Caledonia
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
18.480S	163.086E	4	101.28	19.8	33.2	10.8	ESE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	10	10	9	7	22	23	18	24	15	7	6	5

Prevailing Wind #1

DIR	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE
%OCC	22	18	20	23	20	25	20	19	24	28	24	24
AVG m/s	6.0	5.4	6.3	6.1	6.9	7.4	7.3	7.0	6.4	6.7	6.1	5.3
MED m/s	6.1	5.4	6.7	5.9	7.1	7.6	7.5	7.2	6.5	6.8	6.1	5.3

Prevailing Wind #2

DIR	E	SE	E	E	E	E	SSE	SSE	SSE	E	E	E
%OCC	13	13	13	19	16	16	15	13	16	23	24	19
AVG m/s	5.8	4.6	6.1	6.2	7.0	7.6	5.5	5.9	5.2	6.6	6.3	5.6
MED m/s	5.6	4.6	6.6	6.2	7.1	7.8	5.4	5.6	5.1	6.6	6.4	5.7

Prevailing Wind #3

DIR	SE	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
%OCC	11	12	12	14	13	13	15	13	15	12	11	14
AVG m/s	4.9	5.8	6.3	6.3	5.6	5.9	5.9	5.2	5.2	5.1	4.8	4.2
MED m/s	4.6	5.8	6.3	5.8	5.5	5.8	5.9	5.2	5.1	5.1	4.9	4.0

Prevailing Wind #4

DIR	ENE	S	S	SSE	ENE	SSE	E	E	E	SSE	ENE	ENE
%OCC	8	10	10	11	8	9	11	11	14	10	8	11
AVG m/s	5.5	4.3	5.0	5.6	6.5	5.5	7.4	7.2	6.4	5.4	5.2	5.9
MED m/s	5.4	4.8	5.0	5.5	6.5	5.3	7.6	7.5	6.5	5.4	5.2	5.9