

ILE LOOP, 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
19.968S	158.476E	6	101.25	19.6	30.5	16.4	SE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	0	0	14	15	14	14	5	0	1	0

Prevailing Wind #1

DIR	ESE	ESE	ESE	SE	ESE	ESE	SE	ESE	ESE	ESE	ESE	ESE
%OCC	34	24	34	33	26	23	23	23	27	33	37	34
AVG m/s	7.4	7.6	7.5	9.1	8.8	8.5	7.5	7.4	6.8	6.9	6.8	6.7
MED m/s	7.5	7.6	7.2	8.6	8.6	8.5	7.5	7.3	6.8	7.0	6.8	6.5

Prevailing Wind #2

DIR	SE	SE	SE	ESE	SE	SE	ESE	SE	SE	SE	SE	SE
%OCC	23	22	22	29	23	21	18	22	24	30	26	25
AVG m/s	6.8	7.6	8.4	8.3	8.3	8.2	7.4	7.4	6.6	7.3	7.0	6.9
MED m/s	6.7	7.5	7.4	7.8	8.0	8.3	7.3	7.3	6.7	7.4	7.1	6.8

Prevailing Wind #3

DIR	E	E	E	E	SSE	E	SSE	SSE	E	E	E	E
%OCC	13	12	14	12	11	10	13	11	12	12	12	15
AVG m/s	7.0	7.1	6.5	7.1	7.1	8.3	7.0	6.7	6.0	5.7	5.7	6.1
MED m/s	6.8	6.9	6.2	6.9	6.9	7.8	7.0	6.5	5.8	5.6	5.6	5.9

Prevailing Wind #4

DIR	SSE	SSE	SSE	SSE	E	SSE	E	E	SSE	SSE	ENE	SSE
%OCC	9	12	10	10	8	9	8	10	12	9	6	7
AVG m/s	6.2	8.1	7.9	7.9	7.9	6.8	7.7	6.6	6.4	6.8	4.7	6.5
MED m/s	6.3	7.9	7.8	7.6	7.7	6.7	7.3	6.7	6.5	7.0	4.7	6.6