

NORTH EAST ISLAND, Australia

Annual Climatic Design Data (1994–2014)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
13.645S	136.944E	18	101.11	20.0	33.4	10.4	ESE

Monthly Winds (1994–2014)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	2	2	3	1	0	0	0	2	4	3	3	3

Prevailing Wind #1

DIR	WNW	WNW	ESE	ESE	ESE	SE	SE	ESE	ESE	E	E	NNE
%OCC	12	14	16	32	33	30	26	24	18	16	13	11
AVG m/s	5.5	5.6	4.7	5.5	5.9	5.2	4.6	4.8	4.1	4.1	4.0	3.7
MED m/s	5.3	5.6	4.4	5.3	5.9	5.0	4.4	4.6	3.9	4.0	3.9	3.6

Prevailing Wind #2

DIR	NW	NW	E	E	E	ESE	ESE	SE	E	ENE	ENE	N
%OCC	11	11	15	22	20	28	22	22	15	13	12	10
AVG m/s	5.2	5.0	5.0	5.4	5.8	5.7	5.4	4.2	4.1	3.9	3.9	3.6
MED m/s	5.1	4.9	4.5	5.1	5.6	5.5	5.3	3.9	4.0	3.8	3.8	3.6

Prevailing Wind #3

DIR	NNW	W	SE	SE	SE	SSE	SSE	SSE	SE	ESE	NNE	ENE
%OCC	9	10	8	13	20	13	16	14	13	12	10	10
AVG m/s	4.7	5.8	3.8	4.7	5.4	5.6	5.2	4.9	3.8	4.0	3.5	3.9
MED m/s	4.6	5.5	3.4	4.5	5.2	5.4	4.9	4.3	3.5	3.9	3.4	3.7

Prevailing Wind #4

DIR	N	NNW	ENE	ENE	SSE	E	E	E	ENE	NNE	NE	E
%OCC	8	8	8	9	7	9	7	10	10	11	9	9
AVG m/s	4.1	4.6	4.4	4.7	6.2	5.5	5.1	4.3	3.9	3.5	3.6	3.8
MED m/s	3.9	4.5	3.9	4.4	6.1	5.4	5.1	4.1	3.8	3.5	3.5	3.7