

TROUGHTON ISLAND, Australia

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
13.754S	126.149E	8	101.23	21.1	33.7	12.4	ESE

Monthly Winds (1994–2019)

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

Prevailing Wind #1

DIR	W	W	WSW	ENE	ESE	ESE	ENE	ENE	WSW	W	W	W
%OCC	25	27	17	13	21	27	19	12	16	19	20	20
AVG m/s	7.9	7.2	6.0	6.4	7.8	8.3	6.9	7.0	4.9	5.3	5.6	6.7
MED m/s	8.0	7.1	5.8	6.6	7.8	8.4	7.1	7.4	4.8	5.1	5.5	6.5

Prevailing Wind #2

DIR	WSW	WSW	W	NE	ENE	ENE	ESE	ESE	W	WSW	WSW	WSW
%OCC	22	20	16	10	20	19	18	9	14	18	18	19
AVG m/s	7.8	6.8	6.1	5.1	7.3	7.3	7.3	7.2	4.7	5.5	5.9	7.2
MED m/s	8.0	6.7	5.9	5.0	7.6	7.6	7.2	7.4	4.5	5.4	5.7	7.1

Prevailing Wind #3

DIR	WNW	WNW	WNW	ESE	E	E	E	NE	WNW	WNW	WNW	WNW
%OCC	13	14	11	9	16	17	13	9	12	15	15	11
AVG m/s	7.0	6.6	5.4	6.3	6.8	7.0	6.2	5.6	4.4	4.8	4.9	5.5
MED m/s	6.6	6.4	5.0	6.0	7.0	7.2	6.2	5.6	4.2	4.7	4.8	5.2

Prevailing Wind #4

DIR	NW	NW	SW	E	SE	SE	SE	E	NW	NW	NW	NW
%OCC	8	8	9	9	11	12	10	7	10	10	10	8
AVG m/s	6.3	6.6	5.1	5.8	6.3	6.6	5.6	6.0	4.3	4.6	4.6	5.1
MED m/s	5.4	6.1	4.9	5.7	5.9	6.3	5.1	5.9	4.3	4.6	4.5	4.6