

HORN ISLAND, Australia

Annual Climatic Design Data (1997–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
10.5844S	142.2900E	5	101.26	21.8	32.1	10.4	ESE

Monthly Winds (1997–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	10	12	13	4	1	1	0	1	0	1	3	7

Prevailing Wind #1

DIR	WNW	WNW	ESE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE
%OCC	15	18	10	31	44	48	50	43	45	47	41	19
AVG m/s	4.5	4.4	4.7	5.3	6.3	6.8	6.9	6.7	7.6	7.4	6.7	5.7
MED m/s	4.4	4.2	4.8	5.3	6.3	6.8	6.9	6.6	7.7	7.5	6.8	5.8

Prevailing Wind #2

DIR	NW	NW	WNW	ESE	ESE	SSE	ESE	ESE	SE	SE	E	E
%OCC	14	15	9	25	29	22	26	35	39	28	21	18
AVG m/s	5.5	5.0	4.1	6.3	7.0	5.0	7.7	7.6	7.0	6.7	6.4	5.5
MED m/s	5.5	5.0	4.1	6.4	7.1	5.0	7.8	7.7	7.0	6.9	6.6	5.6

Prevailing Wind #3

DIR	NNW	W	SE	SSE	SSE	ESE	SSE	SSE	E	E	SE	SE
%OCC	9	9	9	15	17	21	17	11	8	14	19	9
AVG m/s	5.3	3.8	3.7	4.0	4.8	7.5	5.0	4.7	7.1	7.0	5.8	4.2
MED m/s	5.2	3.7	3.7	4.0	4.9	7.7	5.0	4.8	7.3	7.2	5.9	4.1

Prevailing Wind #4

DIR	W	NNW	NW	E	E	S	E	E	SSE	SSE	ENE	ENE
%OCC	9	8	8	8	5	4	3	6	5	4	5	8
AVG m/s	4.3	5.0	4.8	5.5	6.3	3.9	7.0	7.0	4.4	3.7	5.2	4.6
MED m/s	4.1	4.9	4.7	5.6	6.5	3.9	7.1	7.2	4.3	3.5	5.3	4.8