

HERON ISLAND, Australia

Annual Climatic Design Data (1994–2007)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
23.442S	151.913E	6	101.26	14.8	31.4	13.1	SSE

Monthly Winds (1994–2007)

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

Prevailing Wind #1

DIR	SE	ESE	SE	SE	SSE	SSE	SSE	SE	N	ESE	ESE	ESE
%OCC	19	27	27	31	22	20	21	16	14	17	17	18
AVG m/s	7.9	6.6	8.0	7.9	8.3	7.9	8.1	7.1	6.0	5.9	6.1	6.3
MED m/s	7.9	6.6	7.9	8.0	8.7	8.1	8.0	7.2	5.9	5.9	6.0	6.4

Prevailing Wind #2

DIR	ESE	SE	ESE	ESE	SE	SE	S	SSE	ESE	N	E	N
%OCC	19	21	26	20	19	18	15	15	13	17	14	15
AVG m/s	6.2	7.8	6.3	6.2	7.3	7.0	8.0	7.7	5.5	6.3	5.3	6.3
MED m/s	6.1	7.6	6.3	6.2	7.3	7.1	8.2	7.7	5.4	6.2	5.2	6.3

Prevailing Wind #3

DIR	E	E	SSE	SSE	ESE	ESE	SE	ESE	SE	E	SE	SE
%OCC	13	16	12	15	14	14	14	14	11	12	11	14
AVG m/s	5.0	5.4	8.3	8.3	5.6	6.1	6.8	5.5	6.4	5.1	7.2	7.3
MED m/s	4.9	5.3	8.6	8.5	5.4	6.3	7.0	5.6	6.5	5.0	7.0	7.3

Prevailing Wind #4

DIR	N	ENE	E	E	S	S	ESE	E	E	SE	N	E
%OCC	10	8	11	8	12	13	12	10	9	10	10	12
AVG m/s	7.0	4.9	4.9	5.0	7.9	8.2	5.4	4.9	4.4	7.1	6.0	5.4
MED m/s	7.1	4.7	4.8	4.9	8.6	8.5	5.1	4.8	4.3	6.9	5.8	5.4