

HAMILTON ISLAND, Australia

Annual Climatic Design Data (2002–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
20.3662S	148.9535E	195	14.59	61.1	87.5	34.6	SE

Monthly Winds (2002–2019)

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

Prevailing Wind #1

DIR	ESE	ESE	SE	SE	SE	SSE	SSE	SE	ESE	ESE	ESE	ESE
%OCC	33	30	32	39	33	38	36	26	27	33	33	32
AVG mph	21.1	21.1	23.1	21.7	20.6	20.0	18.9	17.7	17.1	19.6	19.7	19.9
MED mph	20.9	21.0	23.2	21.7	20.8	20.2	18.5	17.7	16.9	19.2	19.5	19.7

Prevailing Wind #2

DIR	E	SE	ESE	ESE	SSE	SE	SE	SSE	SE	SE	E	E
%OCC	17	21	30	25	30	29	30	23	21	15	20	19
AVG mph	17.9	21.9	21.1	20.6	20.2	19.6	18.8	17.2	17.7	20.5	16.4	16.4
MED mph	17.3	22.4	20.6	20.3	20.3	19.8	18.7	16.5	17.5	20.6	16.2	16.3

Prevailing Wind #3

DIR	SE	E	SSE	SSE	ESE	ESE	ESE	ESE	E	E	SE	SE
%OCC	15	14	11	19	18	11	13	18	11	15	10	11
AVG mph	21.7	18.3	22.1	20.8	19.9	17.9	16.9	16.5	14.6	16.1	19.5	20.9
MED mph	21.5	17.2	22.2	20.6	19.9	17.7	16.4	16.2	14.7	15.9	19.5	21.3

Prevailing Wind #4

DIR	NW	NNW	E	E	S	S	S	E	SSE	NW	NW	NW
%OCC	7	6	9	5	5	7	7	7	9	8	7	8
AVG mph	14.3	13.2	16.9	14.9	14.0	13.5	13.2	12.7	16.4	15.8	16.7	16.4
MED mph	13.6	12.7	15.9	13.6	13.7	13.4	13.2	12.9	16.1	16.1	16.9	16.9