

LADY ELLIOT ISLAND, Australia

Annual Climatic Design Data (1999–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
24.1117S	152.7161E	4	101.27	14.3	30.2	12.5	SE

Monthly Winds (1999–2019)

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

Prevailing Wind #1

DIR	ESE	ESE	ESE	SE	ESE	SSE	S	SE	N	ESE	ESE	ESE
%OCC	26	26	29	33	20	15	15	11	12	19	19	21
AVG m/s	7.9	8.1	8.1	8.5	7.5	6.1	5.7	7.0	5.1	7.4	7.5	7.8
MED m/s	8.0	8.2	8.1	8.7	7.5	6.1	5.7	7.1	4.6	7.5	7.5	7.9

Prevailing Wind #2

DIR	E	SE	SE	ESE	SE	S	SSE	ESE	ESE	E	E	E
%OCC	17	26	24	25	20	15	14	11	12	13	16	14
AVG m/s	6.6	8.7	9.0	8.1	7.6	5.8	5.8	6.8	7.1	6.2	6.1	6.4
MED m/s	6.5	9.0	9.2	8.2	7.7	5.9	5.7	6.8	7.1	6.1	6.1	6.4

Prevailing Wind #3

DIR	SE	E	E	SSE	SSE	SE	SE	SSE	SE	N	SE	SE
%OCC	17	14	12	13	13	13	12	11	12	13	12	13
AVG m/s	8.3	7.0	6.4	6.8	6.1	7.8	7.1	6.1	7.5	5.3	8.0	8.6
MED m/s	8.4	7.1	6.3	6.8	6.0	7.9	6.9	5.9	7.7	4.8	8.0	8.8

Prevailing Wind #4

DIR	ENE	SSE	SSE	E	S	ESE	ESE	S	NNW	SE	N	N
%OCC	8	7	7	7	10	13	11	10	11	11	12	12
AVG m/s	4.7	7.1	7.3	6.4	5.6	8.2	7.3	5.6	5.6	7.4	4.7	4.9
MED m/s	4.4	7.0	7.4	6.1	5.5	8.4	7.0	5.5	5.5	7.5	4.2	4.4