

WILLIS 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
16.288S	149.965E	10	101.21	21.4	31.5	14.0	SE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	2	1	0	0	0	0	0	0	0	0	1
Prevailing Wind #1												
DIR	ESE	ESE	ESE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE
%OCC	20	18	24	38	39	35	37	38	37	36	38	29
AVG m/s	7.8	7.3	8.1	9.6	9.6	9.7	9.5	9.2	8.5	8.5	8.2	7.7
MED m/s	7.8	7.2	8.2	9.5	9.7	9.8	9.5	9.3	8.6	8.5	8.3	7.7
Prevailing Wind #2												
DIR	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE
%OCC	18	16	23	33	33	32	31	34	32	28	21	20
AVG m/s	7.9	7.5	8.5	9.3	9.6	9.6	9.6	9.0	8.9	9.2	8.5	8.1
MED m/s	8.0	7.5	8.6	9.3	9.8	9.8	9.7	9.1	9.1	9.4	8.6	8.1
Prevailing Wind #3												
DIR	E	E	E	E	SSE	SSE	SSE	SSE	E	E	E	E
%OCC	11	12	14	10	12	15	15	14	14	16	20	16
AVG m/s	6.8	6.7	7.4	8.2	8.8	9.2	8.7	8.9	7.3	7.0	7.1	6.6
MED m/s	6.8	6.8	7.4	8.2	9.0	9.2	8.7	9.0	7.3	7.0	7.2	6.5
Prevailing Wind #4												
DIR	SSE	SSE	SSE	SSE	E	E	E	E	SSE	ENE	ENE	ENE
%OCC	7	7	10	10	8	8	8	8	7	6	7	8
AVG m/s	6.9	6.5	8.1	8.3	8.6	8.4	9.2	7.9	7.7	6.1	5.9	5.7
MED m/s	6.8	6.5	7.8	8.3	8.5	8.6	9.4	7.9	7.6	6.1	5.8	5.6