

GLADSTONE RADAR, 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
23.8553S	151.2628E	75	100.42	11.5	32.8	10.5	E

Monthly Winds (1994–2019)

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

Prevailing Wind #1

DIR	E	E	SE	SE	SE	SE	SE	SE	ENE	ENE	ENE	ENE
%OCC	19	18	19	20	16	14	12	10	12	17	20	18
AVG m/s	7.6	7.6	5.6	5.6	5.1	5.3	5.0	5.0	5.0	5.6	5.7	5.8
MED m/s	7.5	7.7	5.5	5.5	5.1	5.3	5.0	5.0	5.0	5.4	5.6	5.8

Prevailing Wind #2

DIR	ENE	SE	SSE	SSE	SSE	SSE	SSE	ENE	NE	NE	NE	E
%OCC	19	16	16	18	15	14	12	10	12	14	16	15
AVG m/s	6.0	5.5	4.9	4.8	4.7	4.7	4.5	4.7	4.4	4.7	4.7	7.3
MED m/s	5.9	5.4	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.7	4.8	7.3

Prevailing Wind #3

DIR	SE	ENE	E	E	E	SW	SW	SSE	E	E	E	NE
%OCC	12	15	16	14	10	10	11	10	9	13	13	13
AVG m/s	5.4	6.0	7.2	6.7	5.9	3.6	3.5	4.5	6.3	6.9	7.1	4.7
MED m/s	5.3	5.9	7.2	6.8	5.9	3.5	3.4	4.6	6.2	6.9	7.0	4.8

Prevailing Wind #4

DIR	ESE	ESE	ESE	ESE	ESE	SSW	SSW	E	SE	SE	NNE	SE
%OCC	11	14	13	12	10	10	10	10	8	8	8	10
AVG m/s	7.2	6.9	6.8	6.6	5.9	3.7	3.7	5.9	4.9	4.9	4.7	5.1
MED m/s	6.9	6.8	6.7	6.5	6.0	3.8	3.7	5.9	4.9	4.9	4.6	5.1