

FLINDERS REEF, 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
17.719S	148.448E	7	101.25	20.5	32.2	14.4	SE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	9	10	9	7	7	6	2	2	4	4	6	7

Prevailing Wind #1

DIR	ESE	ESE	ESE	SE	ESE	SE	SE	ESE	ESE	ESE	ESE	ESE
%OCC	23	20	24	34	31	29	33	34	33	34	33	27
AVG m/s	8.1	8.0	8.5	9.6	9.3	9.5	9.1	8.4	8.1	8.4	8.1	8.0
MED m/s	8.1	8.0	8.7	9.7	9.6	9.7	9.2	8.4	8.3	8.5	8.1	8.0

Prevailing Wind #2

DIR	SE	E	SE	ESE	SE	ESE	ESE	SE	E	E	E	E
%OCC	15	15	23	32	31	28	32	26	20	19	22	19
AVG m/s	8.5	7.2	9.2	9.5	9.4	9.4	9.1	8.5	6.7	7.0	7.1	6.8
MED m/s	8.6	7.2	9.3	9.6	9.7	9.6	9.2	8.7	6.7	7.0	7.2	6.8

Prevailing Wind #3

DIR	E	SE	E	SSE	SSE	SSE	SSE	E	SE	SE	SE	SE
%OCC	14	14	12	12	14	16	15	16	20	16	12	12
AVG m/s	7.0	8.5	7.3	9.2	9.1	9.3	9.0	7.1	8.6	8.5	8.0	8.3
MED m/s	7.1	8.6	7.3	9.3	9.5	9.4	9.1	7.0	9.0	8.6	8.1	8.2

Prevailing Wind #4

DIR	ENE	ENE	SSE	E	E	E	E	SSE	ENE	ENE	ENE	ENE
%OCC	7	8	9	9	8	10	10	10	7	7	8	9
AVG m/s	6.1	6.1	8.9	8.0	8.0	8.5	8.2	8.9	5.2	5.3	5.5	5.2
MED m/s	5.7	6.0	9.1	7.9	8.1	8.7	8.2	9.1	5.2	5.2	5.4	5.1