

EMERALD, 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
23.5694S	148.1756E	190	99.06	6.1	38.0	8.8	SSE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	3	4	5	6	10	9	8	8	6	5	4	3

Prevailing Wind #1

DIR	ENE	ENE	E	SE	SSE	SSE	SSE	SSE	NE	NE	NE	ENE
%OCC	20	18	15	17	20	22	20	15	13	16	19	19
AVG m/s	4.8	4.5	4.2	4.4	4.4	4.6	4.5	4.5	3.8	4.4	4.6	4.8
MED m/s	4.6	4.4	4.1	4.3	4.2	4.4	4.4	4.3	3.6	4.3	4.4	4.6

Prevailing Wind #2

DIR	NE	E	SE	SSE	SE	SE	SE	SE	ENE	ENE	ENE	NE
%OCC	17	17	15	16	14	14	12	10	12	15	19	18
AVG m/s	4.3	4.6	4.8	4.3	4.2	4.3	4.1	4.3	3.9	4.6	4.8	4.6
MED m/s	4.2	4.4	4.7	4.1	4.0	4.1	3.8	4.1	3.8	4.4	4.7	4.4

Prevailing Wind #3

DIR	E	NE	ENE	ESE	S	S	S	E	SSE	E	E	E
%OCC	16	13	14	13	10	11	10	8	9	12	13	14
AVG m/s	4.8	4.0	4.3	3.9	3.7	3.6	3.6	3.7	4.6	4.5	4.7	4.6
MED m/s	4.6	3.9	4.1	3.8	3.5	3.5	3.5	3.4	4.3	4.2	4.5	4.5

Prevailing Wind #4

DIR	ESE	SE	ESE	E	E	E	E	ENE	E	SE	NNE	NNE
%OCC	9	11	12	11	9	7	8	8	9	8	9	9
AVG m/s	4.2	4.6	4.2	3.9	3.7	3.8	3.6	3.6	3.9	4.5	4.4	4.2
MED m/s	3.9	4.4	4.0	3.6	3.4	3.4	3.3	3.4	3.6	4.2	4.3	4.1