

ORANGE, Australia

Annual Climatic Design Data (1998–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
33.3814S	149.1269E	948	90.44	-2.4	31.8	10.4	NNW

Monthly Winds (1998–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	5	6	7	12	12	8	7	7	8	7	6	5

Prevailing Wind #1

DIR	ENE	E	E	SW	SW	SW	SW	SW	WSW	SW	SW	WSW
%OCC	12	15	12	9	14	10	12	14	13	11	9	9
AVG m/s	4.5	5.3	5.3	4.2	4.8	5.1	5.2	5.0	5.6	4.9	4.9	5.0
MED m/s	4.4	5.2	5.3	3.9	4.6	5.0	5.0	4.8	5.5	4.7	4.8	4.8

Prevailing Wind #2

DIR	E	ENE	ENE	ENE	WSW	SSW	WSW	WSW	SW	WSW	WSW	NNW
%OCC	10	14	11	9	10	10	11	12	13	10	9	9
AVG m/s	5.2	4.4	4.2	3.7	5.1	4.4	5.8	5.7	4.9	5.0	5.2	5.3
MED m/s	5.1	4.3	4.1	3.4	5.0	4.1	5.6	5.7	4.7	4.9	5.0	5.2

Prevailing Wind #3

DIR	NE	NE	SW	E	SSW	WSW	SSW	SSW	NNW	NNW	ENE	SW
%OCC	10	8	9	9	10	8	10	9	9	10	9	9
AVG m/s	4.1	4.0	4.8	4.2	4.2	5.2	4.6	4.3	5.8	5.4	4.2	4.6
MED m/s	4.0	3.8	4.5	4.0	3.9	5.1	4.5	4.1	5.3	5.1	4.0	4.4

Prevailing Wind #4

DIR	NNW	NNW	NE	NE	NNW	NNW	NNW	W	N	N	NNW	ENE
%OCC	9	7	7	7	6	7	9	8	8	7	9	9
AVG m/s	5.5	4.8	4.0	3.5	4.4	5.2	5.1	5.4	5.1	4.5	5.4	4.2
MED m/s	5.3	4.6	3.8	3.4	4.2	5.0	4.9	5.3	4.5	4.1	5.2	4.1