

EILDON FIRE TOWER, Australia

Annual Climatic Design Data (1996–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
37.209S	145.842E	637	93.90	1.5	32.6	12.0	WSW

Monthly Winds (1996–2019)

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

Prevailing Wind #1

DIR	WSW	WSW	WSW	WSW	WSW	NE	NNE	W	WSW	WSW	WSW	WSW
%OCC	21	19	17	15	14	12	15	14	18	19	23	22
AVG m/s	6.4	5.8	5.9	5.5	5.6	4.9	4.6	5.5	6.1	6.2	6.2	6.3
MED m/s	6.2	5.7	5.5	5.2	5.3	4.8	4.3	5.0	5.9	6.0	6.0	6.1

Prevailing Wind #2

DIR	W	W	W	NE	NE	NNE	NE	WSW	W	W	W	W
%OCC	11	11	11	11	13	11	14	12	16	15	14	13
AVG m/s	5.6	5.1	5.2	4.4	4.6	4.5	5.0	5.7	5.8	5.7	5.7	5.7
MED m/s	5.2	4.7	4.9	4.3	4.5	4.4	4.9	5.5	5.3	5.3	5.3	5.3

Prevailing Wind #3

DIR	NE	NE	NE	NNE	W	WSW	W	NE	NE	NE	NE	NE
%OCC	11	9	10	10	12	11	12	12	13	13	11	10
AVG m/s	4.9	4.6	4.5	4.2	5.1	5.4	5.5	5.2	5.5	5.2	4.8	4.7
MED m/s	4.6	4.4	4.4	4.1	4.6	5.2	5.0	5.1	5.4	5.0	4.7	4.5

Prevailing Wind #4

DIR	SW	SW	NNE	W	NNE	W	WSW	NNE	NNE	NNE	SW	SW
%OCC	8	8	8	10	11	10	12	12	11	10	8	8
AVG m/s	5.8	5.1	4.1	4.9	4.3	5.0	5.7	4.8	5.1	4.6	5.4	5.4
MED m/s	5.3	4.8	3.9	4.6	4.1	4.6	5.5	4.4	4.9	4.3	5.1	5.2