

COWRA, Australia

Annual Climatic Design Data (2004–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
33.8450S	148.6497E	297	97.81	-1.1	37.8	9.3	WSW

Monthly Winds (2004–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	8	9	12	16	21	18	20	19	17	14	10	10

Prevailing Wind #1

DIR	NNW	SE	SE	SE	SSE	SSE	N	N	NNW	SW	SE	NNW
%OCC	10	12	12	12	9	13	10	9	8	8	8	8
AVG m/s	4.5	3.5	3.3	2.8	2.4	2.9	3.5	3.7	4.5	4.7	3.1	4.8
MED m/s	4.2	3.4	3.1	2.7	2.3	2.6	3.3	3.3	4.2	4.5	2.9	4.6

Prevailing Wind #2

DIR	ESE	ESE	ESE	SSE	SE	S	NNW	NNW	N	SE	ESE	SW
%OCC	8	11	11	11	9	10	9	7	8	8	8	8
AVG m/s	3.3	3.8	3.6	2.6	2.4	2.9	3.9	4.0	4.3	2.8	3.2	5.0
MED m/s	3.1	3.5	3.3	2.5	2.3	2.8	3.8	3.6	3.6	2.5	3.0	4.7

Prevailing Wind #3

DIR	N	SSE	SSE	ESE	S	SE	S	SSE	SW	NNW	NNW	SE
%OCC	8	8	9	10	7	10	7	7	7	8	7	7
AVG m/s	4.3	3.2	2.9	3.0	2.5	2.7	2.4	2.8	4.7	4.3	4.4	3.1
MED m/s	3.9	3.0	2.7	2.7	2.3	2.6	2.3	2.5	4.4	4.0	4.1	2.8

Prevailing Wind #4

DIR	SE	E	S	S	ESE	N	SSE	S	WSW	SSE	SW	N
%OCC	8	8	7	8	7	7	6	7	7	7	7	7
AVG m/s	3.1	3.3	2.8	2.5	2.4	3.6	2.5	2.7	5.2	2.7	5.1	4.1
MED m/s	2.9	3.0	2.7	2.4	2.3	3.3	2.4	2.5	5.1	2.5	5.2	3.7