

OLYMPIC DAM, Australia

Annual Climatic Design Data (2001–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
30.4828S	136.8772E	100	100.13	0.5	42.2	11.4	SSW

Monthly Winds (2001–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	2	2	4	6	9	11	9	6	4	3	2	2

Prevailing Wind #1

DIR	SSE	SSE	SSE	SSE	SSE	S	NNE	NNE	NNE	SSE	SSE	SSE
%OCC	21	21	19	15	11	11	12	12	12	12	15	16
AVG m/s	6.0	5.7	5.1	4.2	3.5	3.4	4.1	4.6	4.9	4.9	5.3	5.5
MED m/s	5.9	5.5	4.9	3.9	3.2	3.0	3.8	4.2	4.4	4.8	5.2	5.3

Prevailing Wind #2

DIR	S	S	S	S	S	SSE	N	SSW	SSW	S	S	S
%OCC	19	19	18	13	10	10	9	9	11	12	14	15
AVG m/s	6.3	6.2	5.6	4.6	3.7	3.1	4.9	4.4	5.0	5.5	5.9	5.9
MED m/s	6.2	6.1	5.4	4.3	3.2	2.8	4.7	4.1	4.8	5.4	5.7	5.8

Prevailing Wind #3

DIR	SSW	SSW	SSW	SSW	SSW	NNE	SW	N	SW	SSW	SSW	SSW
%OCC	11	11	11	9	9	8	7	9	9	11	12	13
AVG m/s	6.3	6.2	5.6	4.6	3.9	3.9	4.3	5.6	5.7	6.1	6.2	6.4
MED m/s	6.1	6.1	5.2	4.2	3.6	3.7	4.0	5.3	5.5	5.9	6.1	6.1

Prevailing Wind #4

DIR	SE	SE	SE	NNE	NNE	SSW	W	SSE	SSE	NNE	SE	SW
%OCC	8	9	9	8	9	8	7	8	9	10	8	7
AVG m/s	4.8	4.5	4.2	4.1	4.2	3.6	4.4	3.6	3.9	5.0	4.5	6.4
MED m/s	4.7	4.3	4.0	3.7	3.9	3.2	3.8	3.2	3.6	4.4	4.1	6.0