

MCARTHUR RIVER MINE, Australia

Annual Climatic Design Data (2003–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
16.442S	136.076E	41	100.83	8.8	40.1	6.9	SSE

Monthly Winds (2003–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	13	15	16	17	14	12	14	13	12	11	12	12

Prevailing Wind #1

DIR	NNE	NNE	NE	NE	SSE	SSE	SSE	NE	NNE	NNE	NNE	NNE
%OCC	13	10	9	9	11	15	12	11	16	20	20	18
AVG m/s	3.0	2.9	3.3	3.1	3.9	3.9	3.8	3.5	3.8	3.9	3.7	3.5
MED m/s	2.9	2.8	3.2	3.1	3.8	3.9	3.8	3.4	3.7	3.9	3.6	3.4

Prevailing Wind #2

DIR	NE	NE	NNE	ESE	S	S	S	SSE	NE	NE	NE	NE
%OCC	11	9	8	9	9	14	11	11	16	17	16	13
AVG m/s	3.3	3.2	2.8	3.9	3.2	3.4	3.3	4.0	3.9	4.1	4.0	3.7
MED m/s	3.2	3.1	2.7	3.9	3.0	3.2	3.1	3.9	3.9	4.1	4.0	3.7

Prevailing Wind #3

DIR	N	N	ENE	ENE	SE	SE	SE	NNE	SSE	N	N	N
%OCC	9	8	7	8	9	8	8	10	6	8	9	11
AVG m/s	2.9	2.7	3.3	3.5	3.7	3.7	3.8	3.2	4.0	3.0	3.1	3.0
MED m/s	2.7	2.5	3.1	3.4	3.7	3.7	3.8	3.1	3.9	2.8	3.0	2.8

Prevailing Wind #4

DIR	ENE	ENE	E	NNE	ESE	ESE	NE	S	E	ENE	ENE	ENE
%OCC	8	7	6	7	7	6	8	9	5	6	6	7
AVG m/s	3.4	3.2	3.3	2.6	3.8	3.7	3.1	3.6	3.8	3.7	3.5	3.4
MED m/s	3.2	3.1	3.2	2.6	3.7	3.7	3.0	3.4	3.6	3.5	3.5	3.2