

SOUTHERN CROSS AP, 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
31.2353S	119.3564E	348	97.21	-0.3	39.4	10.9	WNW

Monthly Winds (1998–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	2	6	12	12	12	12	8	4	1	1

Prevailing Wind #1

DIR	SE	SE	ESE	SE	N	N	N	W	W	SE	SE	SE
%OCC	18	17	15	9	8	10	10	8	11	11	14	19
AVG m/s	6.5	6.4	5.2	4.6	4.4	4.4	4.1	5.4	5.9	5.0	5.7	6.1
MED m/s	6.4	6.4	5.1	4.4	4.2	4.0	3.7	5.2	5.7	4.9	5.6	6.0

Prevailing Wind #2

DIR	ESE	ESE	SE	ENE	ENE	NNE	W	N	WNW	ESE	ESE	ESE
%OCC	15	15	14	9	7	8	8	8	9	8	10	12
AVG m/s	5.6	5.6	5.9	4.7	4.2	4.2	5.0	3.9	6.5	4.6	5.0	5.2
MED m/s	5.5	5.5	5.7	4.8	4.2	4.1	4.8	3.5	6.3	4.5	4.9	5.1

Prevailing Wind #3

DIR	E	E	E	ESE	SE	ENE	WNW	WSW	WSW	WSW	ENE	E
%OCC	11	13	12	9	7	6	8	8	9	8	9	9
AVG m/s	5.4	5.4	5.0	4.5	3.6	4.1	5.6	4.7	5.1	5.5	5.3	5.1
MED m/s	5.4	5.3	4.9	4.3	3.6	4.1	5.3	4.4	4.9	5.3	5.3	5.1

Prevailing Wind #4

DIR	ENE	ENE	ENE	E	NNE	NE	NNW	WNW	SW	S	E	SSE
%OCC	9	11	11	8	6	6	6	7	7	8	8	8
AVG m/s	5.4	5.3	5.2	4.7	4.3	4.3	4.8	5.7	4.6	4.2	4.9	5.7
MED m/s	5.4	5.3	5.1	4.6	4.2	4.1	4.3	5.6	4.4	4.0	4.9	5.4