

SOUTHERN CROSS, Australia

Annual Climatic Design Data (1990–2002)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
31.233S	119.333E	356	97.12	2.1	38.7	12.2	WNW

Monthly Winds (1990–2002)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	14	14	19	29	36	39	36	32	28	16	14	10

Prevailing Wind #1

DIR	ESE	ESE	ESE	E	E	WNW	WNW	WNW	WNW	ESE	ESE	ESE
%OCC	19	23	17	12	7	8	10	10	12	10	14	20
AVG m/s	5.4	5.8	5.6	2.9	2.7	5.5	6.1	5.5	6.2	4.6	4.7	5.5
MED m/s	5.3	5.3	5.2	2.8	1.5	5.3	5.2	5.2	6.6	4.7	4.6	5.2

Prevailing Wind #2

DIR	SSE	E	E	ESE	ESE	NNE	NW	WSW	WSW	WSW	SSE	SSE
%OCC	11	12	13	10	6	7	7	8	10	9	9	12
AVG m/s	5.8	3.2	3.1	4.5	3.7	3.6	3.0	4.7	4.8	4.8	4.5	5.5
MED m/s	5.4	2.9	2.9	4.5	3.0	3.0	2.7	4.6	4.7	4.7	3.5	5.2

Prevailing Wind #3

DIR	E	SSE	SE	ENE	NNE	NW	W	W	W	WNW	WSW	ENE
%OCC	8	10	8	6	6	6	6	7	7	7	9	9
AVG m/s	3.2	6.3	3.3	3.9	4.0	2.4	3.3	2.3	3.2	6.1	5.0	4.3
MED m/s	2.7	6.8	3.0	3.2	3.1	1.3	2.6	1.4	2.8	5.4	5.0	3.5

Prevailing Wind #4

DIR	ENE	ENE	ENE	S	WNW	N	NNW	NW	S	S	WNW	E
%OCC	8	8	7	6	5	5	6	6	5	7	8	8
AVG m/s	5.0	4.7	4.5	1.9	5.9	2.1	6.2	2.8	2.0	2.2	5.7	2.8
MED m/s	5.0	3.4	4.5	1.3	5.2	1.3	5.4	2.6	1.4	1.4	5.3	2.7