

SYDNEY BADGERYS CREEK, Australia

Annual Climatic Design Data (1996–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
33.897S	150.728E	82	100.34	1.6	35.6	9.2	WSW

Monthly Winds (1996–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	8	8	10	10	10	11	11	8	8	8	8	8

Prevailing Wind #1

DIR	E	SW	SW	SW	SW	SW	WSW	WSW	SW	SW	SW	ESE
%OCC	9	12	15	19	18	22	18	17	14	11	10	9
AVG m/s	4.1	2.9	2.9	3.2	3.2	3.5	3.5	3.9	3.4	3.4	3.2	3.5
MED m/s	4.2	2.7	2.7	2.9	2.9	3.2	3.0	3.2	3.0	2.9	2.7	3.3

Prevailing Wind #2

DIR	SW	E	WSW	WSW	WSW	WSW	SW	SW	WSW	WSW	E	E
%OCC	8	8	9	12	16	17	17	16	13	9	8	9
AVG m/s	2.9	4.0	2.9	3.0	3.2	3.4	3.3	3.5	3.7	3.6	3.9	4.1
MED m/s	2.6	4.0	2.6	2.6	2.8	3.0	3.0	3.2	2.9	2.8	4.0	4.2

Prevailing Wind #3

DIR	ENE	ENE	SSW	SSW	N	SSW	N	W	NNE	NNE	ESE	SW
%OCC	8	8	8	7	7	7	8	7	6	7	8	8
AVG m/s	3.8	3.5	3.1	3.1	2.3	3.4	2.6	4.6	3.1	3.0	3.5	2.9
MED m/s	3.5	3.3	3.0	2.7	2.2	3.1	2.3	4.1	2.9	2.9	3.3	2.5

Prevailing Wind #4

DIR	SE	ESE	SE	NNE	NNE	N	W	N	N	E	ENE	ENE
%OCC	8	8	6	6	7	7	7	7	6	6	7	8
AVG m/s	3.3	3.4	3.1	3.0	2.3	2.4	4.1	3.1	3.3	3.5	3.5	3.5
MED m/s	3.0	3.3	2.7	2.8	2.1	2.1	3.4	2.7	3.0	3.4	3.3	3.3