

SYDNEY PENRITH, 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
33.7194S	150.6783E	25	101.03	3.0	36.8	9.1	WNW

Monthly Winds (1996–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	6	8	11	14	19	18	17	15	12	9	7	7

Prevailing Wind #1

DIR	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW
%OCC	14	17	18	17	14	15	11	11	10	12	13	12
AVG m/s	2.9	3.1	3.0	2.9	3.0	3.1	3.1	3.1	2.9	2.8	3.1	2.6
MED m/s	2.7	2.8	2.8	2.7	2.7	2.9	2.6	2.8	2.4	2.6	2.9	2.4

Prevailing Wind #2

DIR	S	S	S	S	S	SW	SW	SW	S	S	S	S
%OCC	11	11	11	10	9	9	8	8	8	9	10	9
AVG m/s	3.2	3.2	2.8	2.6	2.4	3.5	3.3	3.2	2.5	2.8	3.0	2.8
MED m/s	2.9	2.8	2.5	2.3	2.1	3.0	2.5	2.5	2.1	2.4	2.7	2.6

Prevailing Wind #3

DIR	SSE	SW	SW	SW	SW	S	N	S	SW	N	SW	SSE
%OCC	7	7	7	8	8	9	7	8	7	7	7	7
AVG m/s	3.5	3.0	2.8	2.9	3.2	2.5	2.4	2.6	2.9	3.0	3.0	3.4
MED m/s	3.2	2.7	2.6	2.5	2.7	2.2	2.1	2.1	2.3	2.5	2.7	3.3

Prevailing Wind #4

DIR	ENE	SSE	NNE	N	N	N	S	N	N	SW	SSE	NNE
%OCC	7	7	6	6	7	7	7	7	7	7	7	7
AVG m/s	3.4	3.6	2.8	2.4	2.1	2.3	2.3	2.7	2.9	2.9	3.4	2.9
MED m/s	3.1	3.1	2.5	2.1	1.9	2.1	2.0	2.3	2.4	2.4	2.9	2.6