

SYDNEY PENRITH, Australia

Annual Climatic Design Data (1996–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
33.7194S	150.6783E	81	14.65	37.4	98.3	20.3	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 mph	6.4	6.9	6.8	6.6	6.8	7.0	7.0	7.0	6.4	6.4	7.0	5.8
MED mph	6.1	6.4	6.4	6.0	6.0	6.4	5.8	6.3	5.4	5.8	6.5	5.4

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 mph	7.1	7.2	6.3	5.9	5.3	7.8	7.3	7.1	5.7	6.2	6.8	6.3
MED mph	6.4	6.3	5.6	5.1	4.6	6.6	5.5	5.6	4.7	5.3	6.0	5.8

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 mph	7.9	6.6	6.2	6.5	7.2	5.6	5.5	5.8	6.4	6.6	6.7	7.7
MED mph	7.2	6.0	5.7	5.6	6.0	4.9	4.7	4.7	5.1	5.6	6.0	7.3

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 mph	7.5	8.0	6.2	5.4	4.7	5.2	5.1	6.0	6.5	6.4	7.6	6.5
MED mph	7.0	7.0	5.6	4.8	4.2	4.6	4.4	5.2	5.3	5.3	6.6	5.9