

PERTH SWANBOURNE, Australia

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
31.9558S	115.7619E	41	100.83	6.5	35.0	12.3	W

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	0	1	1	1	1	1	1	1	1	1	0	0

Prevailing Wind #1

DIR	SSW	SSW	SSW	E	E	ENE	ENE	E	SSW	SSW	SSW	SSW
%OCC	22	19	16	15	16	17	14	12	9	14	17	23
AVG m/s	6.9	6.5	6.3	4.9	4.3	4.2	3.9	3.9	5.6	6.0	6.6	6.8
MED m/s	7.1	6.6	6.3	4.8	4.1	4.0	3.7	3.7	5.5	6.0	6.7	6.9

Prevailing Wind #2

DIR	ESE	ESE	ESE	ESE	ENE	E	E	ENE	E	SW	SW	SW
%OCC	14	15	15	13	14	14	13	11	9	12	13	14
AVG m/s	5.1	5.3	5.0	4.2	4.2	4.0	3.9	3.9	4.2	5.8	6.2	6.4
MED m/s	5.1	5.2	4.9	4.0	4.1	3.9	3.8	3.8	3.9	5.8	6.2	6.4

Prevailing Wind #3

DIR	SW	E	E	SSW	ESE	ESE	W	ESE	SW	ESE	ESE	S
%OCC	12	13	15	11	12	9	8	8	8	10	10	11
AVG m/s	6.4	5.8	5.7	5.5	3.7	3.5	7.8	3.5	5.7	4.4	5.0	4.8
MED m/s	6.5	5.8	5.6	5.3	3.5	3.5	7.7	3.4	5.4	4.2	4.9	4.6

Prevailing Wind #4

DIR	S	SW	SE	SE	SE	NE	ESE	W	ESE	SE	E	ESE
%OCC	11	11	11	10	7	7	7	7	8	9	10	10
AVG m/s	4.9	5.9	3.9	3.6	3.4	4.3	3.4	6.8	3.8	3.7	5.7	5.1
MED m/s	4.7	5.9	3.8	3.4	3.2	4.1	3.4	6.6	3.6	3.5	5.8	5.0