

PERTH OBSERVATORY, Australia

Annual Climatic Design Data (1997–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
32.007S	116.136E	385	96.78	4.3	34.9	9.6	E

Monthly Winds (1997–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	9	10	10	5	3	3	7	7	8	7	9	8

Prevailing Wind #1

DIR	ESE	ESE	E	E	E	E	E	E	W	E	ESE	ESE
%OCC	20	21	21	17	18	14	12	10	12	12	15	17
AVG m/s	6.0	6.3	6.2	5.4	5.0	5.0	4.7	4.6	5.3	5.8	5.7	5.8
MED m/s	6.0	6.2	6.2	5.4	5.0	5.0	4.6	4.5	4.9	5.9	5.7	5.8

Prevailing Wind #2

DIR	E	E	ESE	ESE	ENE	ENE	WNW	W	WNW	ESE	E	E
%OCC	17	20	19	14	11	12	9	9	10	11	14	14
AVG m/s	6.4	6.3	5.7	5.1	4.6	4.8	5.3	5.4	5.3	5.4	6.2	6.2
MED m/s	6.4	6.4	5.7	5.0	4.5	4.8	5.1	5.1	4.8	5.3	6.3	6.3

Prevailing Wind #3

DIR	SW	WSW	WSW	WSW	ESE	ESE	ENE	WNW	WSW	WSW	WSW	SW
%OCC	9	8	7	7	9	7	8	9	10	10	10	11
AVG m/s	5.1	4.8	4.4	4.0	4.3	4.3	4.6	5.1	4.4	4.6	4.8	4.8
MED m/s	5.1	4.8	4.3	3.9	4.2	4.2	4.4	4.6	4.1	4.4	4.7	4.9

Prevailing Wind #4

DIR	WSW	SW	SE	SW	W	W	W	NW	E	W	SW	WSW
%OCC	9	8	6	7	6	7	8	8	9	10	9	10
AVG m/s	5.0	4.7	4.4	4.0	4.9	5.0	5.3	4.9	5.2	5.1	4.6	4.9
MED m/s	5.1	4.7	4.4	3.9	4.4	4.6	5.1	4.6	5.2	4.9	4.6	4.9