

HOPETOUN WA, Australia

Annual Climatic Design Data (1998–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
33.931S	120.128E	27	101.00	4.8	31.4	11.4	SW

Monthly Winds (1998–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	1	1	1	1	1	1	1	2	1	1

Prevailing Wind #1

DIR	ESE	ESE	ESE	NE	N	N	N	N	WNW	SSW	SSW	SSW
%OCC	16	17	11	10	14	16	15	12	11	10	12	14
AVG m/s	6.7	6.8	6.7	3.5	3.8	4.1	3.9	3.7	5.7	6.2	6.3	6.4
MED m/s	6.9	7.0	6.7	3.3	3.3	3.6	3.4	3.3	5.6	6.1	6.3	6.3

Prevailing Wind #2

DIR	SE	SE	SSW	NNE	NNE	NNE	WNW	NNW	W	S	ESE	S
%OCC	12	11	10	10	13	13	13	12	9	9	12	12
AVG m/s	5.7	5.5	6.3	3.7	3.6	3.6	5.4	4.5	6.5	4.9	6.9	5.3
MED m/s	5.8	5.6	6.1	3.4	3.4	3.4	5.3	4.1	6.4	4.9	7.1	5.4

Prevailing Wind #3

DIR	SSW	ENE	ENE	SSW	NNW	NNW	NNW	WNW	N	ESE	S	ESE
%OCC	11	10	10	8	9	12	13	11	8	8	10	12
AVG m/s	6.5	4.4	4.2	5.5	4.2	4.6	4.5	5.1	3.6	6.3	5.3	6.6
MED m/s	6.6	4.2	4.0	5.3	3.7	4.3	4.1	4.9	3.2	6.4	5.3	6.8

Prevailing Wind #4

DIR	S	SSW	SE	N	NE	WNW	NW	NNE	NNW	SE	ENE	SE
%OCC	10	10	9	7	9	11	11	9	8	8	9	10
AVG m/s	5.4	6.4	5.4	3.9	3.4	5.0	4.7	3.2	4.4	5.2	4.5	5.5
MED m/s	5.5	6.3	5.5	3.4	3.3	4.8	4.3	3.1	3.9	5.2	4.5	5.5