

TARCOOLA, 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
30.705S	134.579E	124	99.85	1.4	42.1	10.8	SW

Monthly Winds (1997–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	2	4	8	8	8	5	4	2	1	1

Prevailing Wind #1

DIR	SSW	SSW	SSW	SSW	SW	WSW	NNE	WSW	SW	SSW	SSW	SSW
%OCC	21	19	18	10	9	11	11	11	11	14	17	19
AVG m/s	6.0	5.7	5.2	4.4	3.6	3.7	4.4	4.6	5.2	5.6	5.7	5.9
MED m/s	6.0	5.7	5.1	4.2	3.1	3.2	4.1	3.8	4.8	5.5	5.7	5.9

Prevailing Wind #2

DIR	S	S	S	SW	NE	NNE	WSW	SW	SSW	SW	SW	S
%OCC	15	12	12	10	9	10	10	10	10	11	11	12
AVG m/s	5.5	5.4	4.7	3.8	3.6	4.5	4.1	4.3	5.0	5.7	5.4	5.3
MED m/s	5.4	5.2	4.7	3.3	3.3	4.3	3.4	3.7	4.8	5.5	5.1	5.2

Prevailing Wind #3

DIR	SW	ESE	SW	ENE	WSW	NE	NE	NNE	WSW	S	S	SW
%OCC	10	9	11	9	9	9	10	10	9	9	11	11
AVG m/s	5.4	4.7	4.6	3.3	3.8	3.3	3.6	5.1	5.3	4.9	5.1	5.6
MED m/s	4.9	4.6	4.1	3.2	3.3	3.1	3.3	4.6	4.9	4.8	5.0	5.4

Prevailing Wind #4

DIR	SSE	SW	ESE	ESE	ENE	SW	N	NE	NNE	NNE	ESE	ESE
%OCC	8	9	8	8	9	8	9	8	9	8	7	7
AVG m/s	5.1	4.8	4.5	4.0	3.0	3.3	5.3	3.8	5.8	5.7	4.7	4.8
MED m/s	5.1	4.3	4.4	4.0	2.9	3.0	5.2	3.4	5.5	5.4	4.6	4.7