

TOWNSVILLE, 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
19.2483S	146.7661E	9	101.22	10.3	33.2	9.9	ENE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	5	6	8	9	13	15	16	14	11	5	4	3

Prevailing Wind #1

DIR	ENE	SE	SE	SE	SE	ESE	ESE	ENE	ENE	ENE	ENE	ENE
%OCC	17	14	16	17	14	11	12	16	20	23	24	21
AVG m/s	6.4	4.4	4.2	4.2	3.9	5.1	5.1	6.2	6.4	6.7	6.8	6.7
MED m/s	6.5	4.1	4.0	4.0	3.7	4.9	4.9	6.3	6.4	6.7	6.8	6.8

Prevailing Wind #2

DIR	NE	ENE	ESE	ESE	ESE	SE	SE	ESE	NE	NE	NE	NE
%OCC	12	14	14	15	13	11	11	11	12	14	16	14
AVG m/s	5.7	6.1	5.3	5.3	5.1	3.8	3.8	5.1	5.7	6.0	6.0	5.9
MED m/s	5.7	6.1	5.2	5.2	4.9	3.6	3.6	4.9	5.7	5.9	6.0	5.8

Prevailing Wind #3

DIR	SE	ESE	ENE	ENE	SSE	SSW	ENE	SE	SE	N	N	N
%OCC	12	12	13	11	10	10	11	10	9	11	11	13
AVG m/s	4.2	5.5	6.0	6.2	3.5	4.5	5.9	3.6	3.7	4.3	4.3	4.4
MED m/s	4.0	5.3	6.1	6.3	3.4	4.4	6.0	3.5	3.6	4.2	4.3	4.3

Prevailing Wind #4

DIR	ESE	NE	E	SSE	ENE	SSE	NE	NE	E	E	E	SE
%OCC	11	10	9	11	10	9	8	9	9	9	9	9
AVG m/s	5.6	5.5	6.0	3.8	5.8	3.4	5.5	5.6	5.9	6.4	6.3	4.2
MED m/s	5.4	5.4	6.0	3.6	5.9	3.3	5.5	5.6	5.7	6.2	6.2	4.0