

WEIPA, 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
12.6778S	141.9208E	19	101.10	16.8	35.8	8.4	ESE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	7	9	10	6	3	3	4	5	7	6	5	7

Prevailing Wind #1

DIR	E	E	ESE	ESE	ESE	ESE	ESE	ESE	E	E	E	E
%OCC	11	10	16	35	38	34	36	30	26	28	24	16
AVG m/s	2.8	2.6	3.1	4.0	4.4	4.7	4.8	4.5	4.7	4.6	3.9	3.2
MED m/s	2.5	2.2	2.7	3.9	4.3	4.7	4.9	4.7	4.8	4.7	3.8	2.9

Prevailing Wind #2

DIR	ESE	ESE	E	E	SE	SE	SE	E	ESE	ESE	ESE	ESE
%OCC	9	9	15	20	25	26	22	22	26	21	17	13
AVG m/s	2.6	2.5	3.1	3.9	3.4	3.6	3.5	4.6	4.6	4.4	3.6	3.1
MED m/s	2.3	2.2	2.8	3.8	3.2	3.5	3.4	4.6	4.7	4.4	3.3	2.6

Prevailing Wind #3

DIR	WNW	WNW	SE	SE	E	E	E	SE	SE	ENE	ENE	ENE
%OCC	9	9	9	18	16	14	18	16	12	10	11	11
AVG m/s	4.5	4.5	2.4	2.9	4.3	4.5	4.7	3.1	2.9	3.8	3.4	2.8
MED m/s	4.4	4.3	2.2	2.7	4.2	4.4	4.6	2.8	2.3	3.7	3.3	2.5

Prevailing Wind #4

DIR	ENE	W	ENE	SSE	SSE	SSE	SSE	SSE	ENE	SE	W	W
%OCC	9	9	8	5	8	11	8	7	8	9	10	9
AVG m/s	2.6	3.8	2.8	2.1	2.3	2.4	2.3	2.1	4.0	2.7	4.1	3.9
MED m/s	2.3	3.8	2.5	2.0	2.2	2.3	2.1	2.0	4.0	2.2	4.1	4.0