

CAIRNS, Australia

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
16.8736S	145.7450E	27	14.68	55.9	91.2	22.5	SE

Monthly Winds (1994–2019)

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

Prevailing Wind #1

DIR	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
%OCC	19	21	29	34	36	37	34	28	23	23	20	19
AVG mph	9.4	9.6	10.9	11.6	11.9	12.1	11.9	11.1	9.8	9.5	8.9	9.3
MED mph	9.2	9.4	10.5	11.3	11.7	11.7	11.6	10.8	9.6	9.3	8.9	9.0

Prevailing Wind #2

DIR	SE	SE	SE	SE	S	S	SE	SE	SE	SE	SE	SE
%OCC	14	14	19	23	23	23	21	22	20	19	16	14
AVG mph	11.4	10.9	12.9	14.1	10.7	10.6	14.1	13.9	13.2	13.0	11.6	11.6
MED mph	10.3	9.9	12.2	13.8	10.9	10.8	14.0	13.3	12.3	12.1	10.7	10.6

Prevailing Wind #3

DIR	S	S	S	S	SE	SE	S	S	S	S	S	S
%OCC	13	14	18	21	21	20	21	18	13	12	12	11
AVG mph	9.1	9.3	10.0	10.7	14.0	13.8	10.7	10.2	9.0	9.1	8.8	8.9
MED mph	9.2	9.4	10.1	10.8	13.7	13.6	10.8	10.3	9.1	9.2	8.9	8.9

Prevailing Wind #4

DIR	ESE	W	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE
%OCC	6	6	7	8	6	6	7	8	9	10	9	7
AVG mph	12.0	5.4	13.1	13.7	13.0	13.0	13.4	14.0	14.4	14.2	13.3	12.6
MED mph	11.9	5.2	13.1	13.7	12.9	12.8	13.3	14.3	14.6	14.3	13.3	12.7