

CHRISTMAS ISLAND, Christmas Island

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
10.4516S	105.6890E	262	98.22	20.9	28.9	8.3	ESE

Monthly Winds (1997–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	8	7	9	5	2	1	1	0	0	1	2	6

Prevailing Wind #1

DIR	WNW	WNW	SE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SSE
%OCC	15	17	14	26	37	39	46	54	45	53	46	20
AVG m/s	3.9	3.7	4.1	5.1	5.4	5.6	6.0	6.2	6.0	5.7	5.3	3.8
MED m/s	3.8	3.7	4.0	5.1	5.4	5.7	6.0	6.2	6.1	5.7	5.3	3.9

Prevailing Wind #2

DIR	W	W	WNW	SE	SE	E	SE	SE	ESE	ESE	SSE	SE
%OCC	14	14	13	24	29	24	25	26	42	23	22	20
AVG m/s	3.3	3.2	3.6	4.8	5.1	5.2	6.0	5.9	6.3	5.9	4.3	4.5
MED m/s	3.2	3.0	3.5	4.8	5.1	5.2	6.1	5.9	6.3	6.0	4.3	4.6

Prevailing Wind #3

DIR	WSW	SE	ESE	E	E	SE	E	E	E	SSE	ESE	S
%OCC	9	9	9	11	16	21	20	15	7	12	13	10
AVG m/s	2.8	3.7	4.2	4.5	4.9	5.4	5.4	5.5	5.8	4.8	5.4	3.2
MED m/s	2.7	3.8	4.2	4.6	4.9	5.4	5.4	5.5	5.8	4.8	5.6	3.2

Prevailing Wind #4

DIR	SSE	NW	NW	SSE	ENE	ENE	ENE	ENE	SSE	E	S	SW
%OCC	9	8	8	6	4	5	2	2	3	5	6	7
AVG m/s	3.6	3.8	3.7	3.5	4.4	4.7	5.0	5.1	4.7	5.4	3.4	2.6
MED m/s	3.7	3.8	3.6	3.4	4.5	4.8	5.0	5.0	4.8	5.5	3.5	2.4