

CHRISTMAS ISLAND, Christmas Island

Annual Climatic Design Data (1997–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
10.4516S	105.6890E	860	14.25	69.5	84.0	18.6	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 mph	8.6	8.4	9.1	11.4	12.0	12.6	13.5	13.8	13.5	12.7	11.8	8.6
MED mph	8.6	8.4	9.0	11.5	12.1	12.7	13.5	13.9	13.6	12.8	11.9	8.6

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 mph	7.4	7.1	8.1	10.7	11.4	11.6	13.5	13.1	14.1	13.3	9.6	10.1
MED mph	7.1	6.8	7.8	10.8	11.4	11.7	13.6	13.2	14.2	13.5	9.6	10.2

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 mph	6.2	8.3	9.4	10.1	10.9	12.0	12.2	12.3	12.9	10.7	12.2	7.1
MED mph	6.0	8.5	9.3	10.2	11.0	12.0	12.2	12.3	13.0	10.8	12.5	7.1

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 mph	8.2	8.5	8.2	7.8	9.9	10.5	11.1	11.4	10.5	12.1	7.6	5.9
MED mph	8.3	8.6	8.1	7.7	10.1	10.7	11.2	11.3	10.7	12.3	7.8	5.4