

RAROTONGA, Cook Islands

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
21.2009S	159.8130W	19	14.69	62.9	87.5	22.7	ESE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	3	3	4	4	4	2	2	2	2	3	3	3

Prevailing Wind #1

DIR	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE
%OCC	21	19	24	25	20	20	19	17	24	25	26	25
AVG mph	9.1	9.3	8.6	9.6	9.0	9.0	8.8	9.0	10.4	10.0	9.7	10.4
MED mph	8.9	8.5	7.9	8.9	8.3	8.7	8.0	8.4	10.2	9.8	9.4	10.1

Prevailing Wind #2

DIR	E	E	E	SE	E	SE	E	E	E	E	E	E
%OCC	18	16	16	14	13	14	13	13	16	17	17	16
AVG mph	9.6	9.4	8.8	9.1	9.3	8.4	9.7	10.0	10.7	10.5	10.1	10.4
MED mph	9.7	9.2	8.5	8.1	9.0	7.7	9.3	9.8	10.7	10.5	9.9	10.0

Prevailing Wind #3

DIR	ENE	ENE	SE	E	SE	E	SE	SE	SE	SE	ENE	SE
%OCC	13	11	11	13	12	13	11	13	14	14	12	12
AVG mph	9.8	10.1	7.9	9.3	8.3	9.7	8.0	8.1	9.4	9.3	9.9	9.8
MED mph	9.6	9.8	7.1	9.0	7.6	9.4	7.3	7.5	9.1	8.9	9.7	9.4

Prevailing Wind #4

DIR	SE	SE	ENE	ENE	SSE	SSE	SSE	SSE	ENE	ENE	SE	ENE
%OCC	8	9	10	9	11	11	10	11	11	11	11	9
AVG mph	8.2	8.5	9.6	9.7	7.7	8.0	7.5	7.7	10.8	10.1	8.8	9.9
MED mph	7.6	7.6	9.1	9.2	6.8	7.6	6.5	7.1	10.5	9.8	8.2	9.5