

AITUTAKI, 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
18.833S	159.767W	16	14.69	68.1	86.5	23.9	ESE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	7	2	4	3	1	1	1	1	1	1	8	8

Prevailing Wind #1

DIR	E	E	E	ESE	ESE	ESE	E	ESE	ESE	ESE	ESE	ESE
%OCC	20	20	18	19	24	20	22	20	24	30	24	21
AVG mph	10.3	10.0	8.2	11.6	10.6	11.4	13.2	11.9	11.3	11.8	12.9	12.2
MED mph	10.3	9.4	7.7	10.9	10.3	11.0	11.8	11.3	11.1	11.5	12.1	11.3

Prevailing Wind #2

DIR	ESE	ENE	ENE	E	E	E	ESE	SE	E	E	E	E
%OCC	16	18	17	18	20	20	18	17	22	24	23	13
AVG mph	10.3	8.4	6.7	10.2	10.1	10.7	12.3	10.5	10.6	11.2	10.8	10.7
MED mph	10.5	8.3	6.2	9.8	9.7	10.3	11.6	9.2	10.4	11.0	10.2	10.2

Prevailing Wind #3

DIR	ENE	ESE	ESE	ENE	SE	SE	ENE	E	SE	SE	ENE	SE
%OCC	14	14	14	14	16	14	16	16	14	14	11	12
AVG mph	8.4	12.5	8.5	8.0	9.8	10.4	10.0	10.5	11.3	11.0	8.6	12.4
MED mph	8.4	10.6	8.2	7.8	9.3	10.1	9.1	9.9	10.7	10.5	8.3	10.8

Prevailing Wind #4

DIR	NE	NE	NE	SE	ENE	ENE	SE	ENE	ENE	ENE	SE	ENE
%OCC	10	10	10	9	10	13	12	11	11	13	11	7
AVG mph	8.8	8.9	6.6	10.5	8.3	8.4	11.2	8.9	8.6	8.7	12.4	8.6
MED mph	8.4	7.8	6.0	9.6	8.1	8.1	10.4	8.9	8.6	8.8	11.6	8.0