

PUKAPUKA, Cook Islands

Annual Climatic Design Data (1986–2002)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
10.915S	165.839W	15	14.69	75.1	90.5	22.6	ESE

Monthly Winds (1986–2002)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	18	15	17	20	12	8	9	6	7	10	16	14

Prevailing Wind #1

DIR	E	E	E	E	E	E	E	E	E	E	E	E
%OCC	14	15	23	29	36	40	41	41	41	32	25	13
AVG mph	10.3	11.4	10.9	10.3	11.1	13.2	13.1	13.3	12.8	11.4	10.9	10.7
MED mph	10.0	11.1	10.5	9.9	10.6	12.6	12.6	13.0	12.3	11.0	10.3	10.3

Prevailing Wind #2

DIR	NE	NE	ENE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	N
%OCC	11	9	11	12	16	24	23	23	23	18	10	10
AVG mph	9.9	10.4	10.3	11.7	13.5	15.1	15.2	15.1	14.7	13.5	13.3	11.4
MED mph	9.4	10.0	9.9	11.4	13.5	15.2	15.6	15.5	15.2	13.3	12.3	9.9

Prevailing Wind #3

DIR	N	N	NE	ENE	ENE	ENE	ENE	ENE	ENE	NE	ENE	NW
%OCC	9	9	10	9	10	11	9	8	10	8	10	10
AVG mph	11.2	11.8	9.7	9.2	10.2	11.5	11.9	11.7	10.8	9.6	10.1	13.0
MED mph	10.2	10.6	9.3	8.9	9.7	10.9	11.2	10.8	10.3	9.1	9.6	11.1

Prevailing Wind #4

DIR	ENE	NNE	NNE	SE	SE	SE	SE	SE	SE	ENE	N	NNW
%OCC	8	8	8	5	7	8	7	7	7	8	7	8
AVG mph	9.9	9.7	9.0	10.5	13.0	13.8	14.5	14.7	12.7	10.3	11.0	12.2
MED mph	9.5	9.1	8.6	9.6	12.2	13.1	15.4	15.4	12.5	9.5	9.8	10.2