

PENRHYN, Cook Islands**Annual Climatic Design Data (1986–2018)**

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
9.017S	158.031W	3	14.69	76.2	91.0	24.6	E

Monthly Winds (1986–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	2	1	8	4	4	2	10	1	1	2	3	1

Prevailing Wind #1

DIR	ENE	ENE	E	E	E	E	E	E	E	E	ENE	NE
%OCC	23	21	30	36	44	41	38	36	43	31	21	24
AVG mph	12.0	11.2	12.5	13.4	14.7	15.0	13.2	13.3	14.1	14.5	9.5	9.1
MED mph	10.6	10.9	13.1	15.1	16.1	16.2	14.1	13.6	15.5	15.9	7.7	7.2

Prevailing Wind #2

DIR	NE	E	ENE	ENE	ESE	ESE	ESE	ESE	ESE	ENE	E	ENE
%OCC	19	19	22	16	18	19	23	19	21	21	20	18
AVG mph	12.8	13.4	9.9	8.2	14.6	13.7	12.6	12.2	12.0	11.2	12.0	8.0
MED mph	13.3	14.9	8.7	5.8	16.1	14.7	11.4	10.4	10.8	11.4	12.6	6.8

Prevailing Wind #3

DIR	E	NE	ESE	ESE	ENE	ENE	ENE	ENE	ENE	NE	NE	NNE
%OCC	18	18	10	13	12	11	14	18	16	17	19	15
AVG mph	14.9	11.3	11.4	12.7	10.7	9.8	8.3	9.7	11.5	11.6	9.4	10.1
MED mph	16.8	11.7	11.3	13.8	11.2	7.6	6.0	7.9	11.3	12.3	8.4	7.7

Prevailing Wind #4

DIR	NNE	NNE	NE	NE	NE	SE	NE	NE	SE	ESE	NNE	N
%OCC	10	10	9	10	7	8	5	9	6	8	9	12
AVG mph	13.1	12.0	10.0	8.4	10.6	13.0	9.7	9.2	12.4	13.7	10.2	11.3
MED mph	14.4	12.2	9.1	6.4	11.3	13.4	7.8	7.3	11.8	14.7	10.5	11.0