

MAUKE, Cook Islands**Annual Climatic Design Data (1982–1996)**

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
20.137S	157.344W	9	101.22	18.5	30.7	9.1	ESE

Monthly Winds (1982–1996)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	12	15	18	15	13	13	14	13	14	11	10	9
Prevailing Wind #1												
DIR	E	E	E	E	E	E	E	E	E	E	E	E
%OCC	30	36	32	31	34	25	22	26	28	34	41	37
AVG m/s	3.9	3.8	3.7	4.2	4.1	4.2	4.0	4.1	4.1	4.5	4.2	4.3
MED m/s	3.7	3.5	3.4	3.7	3.7	3.9	3.6	3.6	3.8	4.2	4.0	4.1
Prevailing Wind #2												
DIR	N	ENE	W	SE	ESE	SE	SE	SE	SE	SE	ESE	SE
%OCC	15	10	9	11	15	18	14	15	16	21	14	13
AVG m/s	3.9	3.4	4.2	4.2	4.9	4.0	4.0	4.8	4.0	4.2	4.5	4.0
MED m/s	3.4	3.2	3.7	3.9	4.3	3.7	3.5	4.5	3.5	3.9	4.2	3.7
Prevailing Wind #3												
DIR	W	N	SE	ESE	SE	ESE	ESE	ESE	ESE	ESE	SE	ESE
%OCC	8	10	8	10	12	13	10	11	13	10	13	13
AVG m/s	5.1	3.7	3.8	4.9	4.4	4.1	4.3	4.8	4.4	4.5	4.5	4.5
MED m/s	4.2	3.4	3.4	4.3	4.1	3.8	3.6	4.3	4.0	4.3	4.0	4.2
Prevailing Wind #4												
DIR	ENE	W	ENE	N	W	W	ENE	W	ENE	ENE	ENE	ENE
%OCC	7	6	7	8	6	6	7	8	6	6	7	5
AVG m/s	3.8	4.4	3.4	3.6	5.2	4.4	3.5	5.4	3.6	3.9	3.5	3.9
MED m/s	3.4	3.9	3.2	3.3	4.8	4.0	3.2	4.7	3.5	3.7	3.3	3.5