

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

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
20.137S	157.344W	30	14.68	65.4	87.3	20.4	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 mph	8.8	8.5	8.2	9.3	9.1	9.4	9.0	9.1	9.3	10.1	9.4	9.6
MED mph	8.3	7.8	7.6	8.3	8.3	8.6	8.0	8.0	8.6	9.4	8.9	9.1

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 mph	8.7	7.6	9.4	9.5	10.9	8.9	8.9	10.7	8.9	9.3	10.1	8.9
MED mph	7.7	7.2	8.3	8.8	9.7	8.3	7.8	10.1	7.9	8.8	9.5	8.2

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 mph	11.3	8.3	8.5	11.1	9.8	9.1	9.6	10.7	9.9	10.1	10.0	10.0
MED mph	9.4	7.7	7.6	9.7	9.1	8.6	8.0	9.5	9.0	9.7	9.0	9.3

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 mph	8.4	9.8	7.6	8.0	11.7	9.9	7.7	12.1	8.2	8.7	7.8	8.7
MED mph	7.6	8.7	7.2	7.5	10.7	8.9	7.2	10.6	7.8	8.3	7.4	7.8