

LAMAP MALEKOULA ISLAND, Vanuatu

Annual Climatic Design Data (1986–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
16.422S	167.809E	26	101.01	19.9	31.1	10.1	ESE

Monthly Winds (1986–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	24	27	25	19	14	19	14	11	14	11	17	24

Prevailing Wind #1

DIR	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE
%OCC	22	13	17	24	28	25	26	27	30	34	28	22
AVG m/s	4.4	4.1	4.2	5.1	5.3	5.1	5.4	5.2	5.3	5.0	4.8	4.5
MED m/s	4.2	3.8	3.9	4.7	5.1	4.9	5.0	5.0	5.1	4.7	4.4	4.2

Prevailing Wind #2

DIR	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	E
%OCC	13	9	11	19	21	23	23	20	24	26	20	17
AVG m/s	4.9	4.3	4.2	4.7	4.9	5.1	5.3	5.2	5.2	5.1	4.6	5.0
MED m/s	4.1	4.0	3.7	4.4	4.5	4.8	4.9	5.0	4.9	4.6	4.2	4.7

Prevailing Wind #3

DIR	SE	SE	E	E	E	E	SSE	E	E	E	E	SE
%OCC	12	9	9	10	15	12	14	13	13	14	16	15
AVG m/s	4.1	4.0	4.1	5.1	5.1	5.5	4.4	5.6	5.4	5.0	5.0	4.3
MED m/s	3.8	3.5	3.8	4.9	4.9	5.4	3.9	5.3	5.1	4.9	4.7	3.9

Prevailing Wind #4

DIR	N	N	N	SSE	SSE	SSE	E	SSE	SSE	SSE	SSE	SSE
%OCC	7	7	6	6	10	10	14	13	12	8	9	6
AVG m/s	4.9	4.8	4.9	4.1	4.2	4.6	5.7	4.3	4.6	4.1	4.0	4.2
MED m/s	4.3	4.2	4.1	3.6	3.7	4.2	5.4	4.0	4.2	3.8	3.8	3.9