

MERAUKE MOPAH, Indonesia

Annual Climatic Design Data (2005–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
8.5183S	140.4140E	3	101.29	20.7	32.7	8.5	SSE

Monthly Winds (2005–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	19	18	20	24	16	12	11	11	12	18	21	27

Prevailing Wind #1

DIR	NNW	NNW	NNW	E	ESE	SE	SE	SE	ESE	SSE	SSE	S
%OCC	12	11	9	10	21	26	26	24	21	17	13	7
AVG m/s	3.2	3.2	3.0	2.7	3.1	3.6	3.7	3.8	3.4	5.1	4.8	3.7
MED m/s	3.0	3.0	2.8	2.5	3.0	3.3	3.4	3.5	3.2	4.5	4.4	3.4

Prevailing Wind #2

DIR	WNW	WNW	WNW	SSE	SE	ESE	ESE	ESE	SE	E	S	SSE
%OCC	11	10	8	10	20	23	26	23	19	16	13	6
AVG m/s	4.2	4.2	3.9	3.8	3.4	3.3	3.6	3.6	4.0	3.3	4.3	4.0
MED m/s	3.9	3.9	3.6	3.5	3.1	3.1	3.3	3.4	3.5	3.1	4.2	3.5

Prevailing Wind #3

DIR	NW	N	N	ESE	SSE	SSE	SSE	SSE	SSE	ESE	E	E
%OCC	10	9	8	10	13	19	18	19	18	14	11	6
AVG m/s	3.8	2.8	2.6	2.9	4.2	4.2	4.2	4.8	5.2	3.4	2.9	2.6
MED m/s	3.5	2.7	2.4	2.7	4.1	4.0	4.0	4.5	5.0	3.1	2.7	2.4

Prevailing Wind #4

DIR	N	NW	NW	SE	E	E	E	E	E	S	ESE	ENE
%OCC	8	9	7	9	12	10	11	12	13	13	9	5
AVG m/s	2.8	3.8	3.4	3.0	3.0	3.0	3.2	3.3	3.1	4.7	3.0	2.7
MED m/s	2.8	3.5	3.2	2.8	2.8	2.9	3.1	3.1	2.9	4.4	2.9	2.5