

MERAUKE MOPAH, Indonesia

Annual Climatic Design Data (2005–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
8.5183S	140.4140E	10	14.69	69.3	90.9	19.0	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 mph	7.1	7.1	6.8	6.0	7.0	8.0	8.2	8.5	7.6	11.4	10.7	8.2
MED mph	6.8	6.8	6.4	5.6	6.7	7.3	7.5	7.8	7.1	10.2	9.8	7.7

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 mph	9.3	9.3	8.6	8.5	7.6	7.5	8.0	8.1	9.0	7.3	9.7	9.0
MED mph	8.8	8.7	8.1	7.9	7.0	7.0	7.4	7.7	7.9	6.9	9.3	7.9

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 mph	8.5	6.3	5.7	6.5	9.5	9.4	9.3	10.8	11.6	7.6	6.5	5.9
MED mph	7.8	6.1	5.3	6.1	9.2	8.9	8.9	10.1	11.1	6.9	6.0	5.5

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 mph	6.3	8.6	7.7	6.8	6.6	6.8	7.3	7.5	7.0	10.5	6.8	5.9
MED mph	6.2	7.8	7.2	6.3	6.2	6.4	6.9	7.0	6.6	9.9	6.5	5.7