

MEDAN BELAWAN, Indonesia

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
3.7883N	98.7147E	3	101.29	23.3	32.9	7.7	E

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	52	45	45	44	47	45	49	49	50	52	53	52
Prevailing Wind #1												
DIR	N	N	N	NNE	NE	NE	NE	ENE	ENE	NE	N	N
%OCC	7	8	9	8	8	8	8	8	7	6	7	7
AVG m/s	3.6	3.8	3.9	3.7	3.9	3.7	3.8	3.9	3.9	3.7	3.5	3.5
MED m/s	3.4	3.5	3.6	3.4	3.6	3.4	3.5	3.7	3.5	3.4	3.2	3.3
Prevailing Wind #2												
DIR	NNE	NNE	NNE	NE	NNE	ENE	ENE	NE	NE	NNE	NNE	NNE
%OCC	6	7	8	8	7	8	7	7	6	6	6	6
AVG m/s	3.6	3.9	3.8	4.0	3.7	3.7	3.9	3.9	3.7	3.5	3.4	3.5
MED m/s	3.4	3.6	3.5	3.7	3.3	3.4	3.6	3.7	3.4	3.1	3.1	3.1
Prevailing Wind #3												
DIR	NE	NE	NE	N	ENE	NNE	E	E	NNE	N	NE	W
%OCC	5	6	7	7	6	6	6	6	6	5	5	6
AVG m/s	3.6	4.0	4.0	3.8	3.8	3.5	4.0	4.0	3.7	3.6	3.4	3.0
MED m/s	3.4	3.7	3.7	3.4	3.6	3.3	3.6	3.5	3.2	3.3	3.2	2.8
Prevailing Wind #4												
DIR	W	W	NNW	ENE	N	E	NNE	NNE	E	ENE	W	WSW
%OCC	5	6	4	5	4	5	5	6	4	4	5	5
AVG m/s	2.8	2.7	3.8	3.8	3.7	4.0	3.6	3.7	4.3	3.5	3.0	2.7
MED m/s	2.7	2.5	3.4	3.6	3.5	3.6	3.3	3.4	3.8	3.3	2.8	2.5