

BATAM HANG NADIM, Indonesia

Annual Climatic Design Data (2002–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
1.1192N	104.1136E	24	101.04	23.3	32.7	8.9	NE

Monthly Winds (2002–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	13	13	24	38	41	37	29	27	35	44	43	26
Prevailing Wind #1												
DIR	NNE	NNE	NE	NE	SE	S	SSE	SE	SE	SE	NE	NNE
%OCC	27	30	26	11	8	11	15	17	13	5	6	18
AVG m/s	4.6	4.5	5.5	4.5	3.6	3.4	3.9	3.9	4.0	3.3	4.2	3.9
MED m/s	4.2	4.1	5.3	4.3	3.4	3.2	3.6	3.7	3.7	3.1	4.1	3.7
Prevailing Wind #2												
DIR	NE	NE	NNE	ENE	S	SSE	S	SSE	SSE	SW	WNW	N
%OCC	21	29	16	11	7	11	14	17	10	5	5	15
AVG m/s	6.2	6.1	4.1	4.3	3.4	3.7	3.7	4.0	3.9	3.0	3.2	3.0
MED m/s	6.2	6.0	3.7	4.0	3.2	3.5	3.4	3.9	3.7	2.9	3.0	2.9
Prevailing Wind #3												
DIR	N	N	ENE	NNE	SSE	SE	SE	S	SSW	W	W	NE
%OCC	17	12	12	6	7	10	14	13	9	5	5	13
AVG m/s	3.3	3.2	4.9	3.5	3.6	3.7	4.1	3.6	4.0	3.2	3.2	5.4
MED m/s	3.1	3.0	4.7	3.2	3.4	3.5	3.8	3.3	3.8	3.1	3.1	5.2
Prevailing Wind #4												
DIR	NNW	ENE	N	E	ESE	SSW	SSW	SSW	S	SSW	NW	NNW
%OCC	8	7	7	5	6	9	10	9	9	5	5	9
AVG m/s	2.8	6.6	3.0	3.1	3.1	3.7	4.0	4.0	3.5	3.5	2.8	2.8
MED m/s	2.7	6.9	2.7	3.0	3.0	3.5	3.9	3.9	3.3	3.3	2.7	2.6