

KOTA KINABALU INTL, Malaysia

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
5.937N	116.051E	3	101.29	22.8	34.1	6.0	SSW

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	4	5	5	3	2	3	3	3	3	3	3	3

Prevailing Wind #1

DIR	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE
%OCC	21	19	21	27	29	29	30	28	29	28	27	25
AVG m/s	2.0	1.9	2.0	2.2	2.4	2.4	2.4	2.4	2.5	2.4	2.2	2.1
MED m/s	2.0	1.9	2.0	2.2	2.3	2.3	2.4	2.4	2.4	2.3	2.2	2.1

Prevailing Wind #2

DIR	E	E	E	E	E	E	E	E	E	E	E	E
%OCC	16	12	13	14	14	13	13	13	14	13	16	17
AVG m/s	2.0	1.9	2.0	2.3	2.4	2.4	2.5	2.5	2.5	2.4	2.3	2.2
MED m/s	2.0	1.9	2.0	2.2	2.4	2.4	2.5	2.4	2.5	2.3	2.2	2.1

Prevailing Wind #3

DIR	N	N	NW	WNW	WNW	SE	W	W	W	SE	WNW	WNW
%OCC	8	8	8	9	9	8	8	8	8	8	8	7
AVG m/s	2.9	2.8	2.4	2.0	1.9	2.1	2.1	2.2	2.1	2.1	1.7	1.7
MED m/s	2.8	2.8	2.3	1.9	1.8	2.1	1.9	2.0	1.9	2.1	1.7	1.7

Prevailing Wind #4

DIR	ENE	NNE	WNW	SE	W	W	SE	SE	SE	W	SE	SE
%OCC	6	8	8	8	7	8	8	8	7	7	7	6
AVG m/s	1.9	2.9	1.9	2.1	2.0	2.0	2.2	2.2	2.2	2.2	2.0	1.9
MED m/s	1.9	2.8	1.8	2.0	1.9	1.8	2.2	2.1	2.1	2.0	2.0	1.9