

KUDAT, Malaysia

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
6.917N	116.833E	5	101.26	22.8	33.8	6.9	WSW

Monthly Winds (2002–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	4	2	4	5	7	8	8	9	11	8	8	8

Prevailing Wind #1

DIR	ENE	ENE	ENE	ENE	WSW	WSW	WSW	WSW	WSW	WSW	WSW	ENE
%OCC	24	27	23	15	15	21	24	25	24	24	14	17
AVG m/s	3.8	3.8	3.6	3.2	2.5	2.9	3.3	3.4	3.4	3.5	2.6	3.5
MED m/s	3.8	3.8	3.7	3.1	2.1	2.7	3.2	3.2	3.2	3.4	2.2	3.5

Prevailing Wind #2

DIR	NE	E	E	E	SW	SW	SW	SW	SW	SW	SW	NE
%OCC	16	18	17	14	14	18	19	20	19	16	12	12
AVG m/s	4.0	3.1	2.8	2.5	2.1	2.3	2.5	2.8	2.7	2.6	2.2	3.8
MED m/s	3.9	3.0	2.7	2.4	1.8	1.8	2.1	2.2	2.2	2.2	1.8	3.7

Prevailing Wind #3

DIR	E	NE	NE	NE	W	W	W	W	W	W	ENE	E
%OCC	13	16	13	12	10	13	14	14	14	14	9	10
AVG m/s	3.0	3.9	3.9	3.7	2.7	2.9	3.3	3.3	3.4	3.3	2.9	2.7
MED m/s	2.9	3.9	3.8	3.7	2.4	2.8	3.2	3.2	3.4	3.3	2.9	2.6

Prevailing Wind #4

DIR	ESE	ESE	ESE	ESE	ESE	SSW	SSW	SSW	SSW	ENE	W	WSW
%OCC	9	10	12	12	8	5	5	5	5	5	9	8
AVG m/s	2.4	2.5	2.4	2.2	2.4	1.6	1.7	1.7	1.8	3.0	2.5	2.4
MED m/s	2.3	2.4	2.3	2.2	2.4	1.5	1.6	1.6	1.7	2.9	2.2	2.0