

KUDAT, Malaysia

Annual Climatic Design Data (2002–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
6.917N	116.833E	16	14.69	73.0	92.9	15.5	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 mph	8.5	8.5	8.1	7.1	5.6	6.6	7.4	7.6	7.6	7.8	5.8	7.9
MED mph	8.5	8.6	8.2	7.0	4.7	5.9	7.1	7.2	7.2	7.6	4.9	7.8

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 mph	8.9	6.9	6.2	5.6	4.7	5.0	5.5	6.2	6.0	5.8	4.8	8.4
MED mph	8.8	6.7	6.0	5.4	3.9	4.1	4.7	4.9	4.9	4.8	4.0	8.2

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 mph	6.6	8.8	8.7	8.3	5.9	6.6	7.3	7.4	7.7	7.5	6.6	6.1
MED mph	6.4	8.8	8.5	8.4	5.3	6.2	7.1	7.2	7.7	7.3	6.5	5.9

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 mph	5.4	5.6	5.3	5.0	5.5	3.7	3.8	3.8	3.9	6.6	5.7	5.4
MED mph	5.2	5.4	5.1	4.9	5.4	3.5	3.6	3.6	3.7	6.5	5.0	4.4