

TUAL DUMATUBUN, Indonesia

Annual Climatic Design Data (1995–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
5.6636S	132.7361E	12	101.18	21.5	32.6	9.0	SE

Monthly Winds (1995–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	29	33	37	42	27	14	7	9	19	32	48	44

Prevailing Wind #1

DIR	WNW	NW	WNW	SE	SE	SE	SE	SE	SE	SE	SE	NW
%OCC	23	21	18	16	29	41	50	50	38	28	13	15
AVG m/s	4.3	4.6	4.1	4.1	4.3	4.7	5.0	5.1	4.7	4.3	4.0	3.9
MED m/s	4.0	4.3	3.7	3.9	4.2	4.5	4.8	5.0	4.5	4.1	3.9	3.5

Prevailing Wind #2

DIR	NW	WNW	NW	ESE	ESE	ESE	ESE	SSE	SSE	SSE	SSE	WNW
%OCC	23	20	15	8	17	19	20	18	17	13	8	12
AVG m/s	4.7	4.3	4.2	3.6	3.9	4.2	4.6	4.4	4.1	4.0	3.7	4.1
MED m/s	4.5	4.0	4.0	3.4	3.7	4.0	4.4	4.2	3.9	3.8	3.5	3.8

Prevailing Wind #3

DIR	NNW	W	W	SSE	SSE	SSE	SSE	ESE	ESE	ESE	ESE	NNW
%OCC	8	8	8	6	11	17	18	18	16	12	7	8
AVG m/s	4.5	3.9	3.8	3.6	3.8	4.5	4.7	4.9	4.4	4.0	3.6	3.8
MED m/s	4.3	3.6	3.5	3.4	3.6	4.4	4.6	4.8	4.2	3.9	3.4	3.4

Prevailing Wind #4

DIR	W	NNW	NNW	NW	E	E	E	S	E	E	NW	W
%OCC	7	8	7	5	6	5	3	2	4	4	3	5
AVG m/s	4.0	4.2	4.0	3.6	3.3	3.4	3.7	2.5	3.7	3.7	3.4	3.6
MED m/s	3.7	4.1	3.7	3.4	3.1	3.3	3.4	2.3	3.6	3.6	3.2	3.3