

TUAL DUMATUBUN, Indonesia

Annual Climatic Design Data (1995–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
5.6636S	132.7361E	39	14.68	70.8	90.6	20.2	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 mph	9.6	10.2	9.1	9.3	9.7	10.5	11.2	11.5	10.4	9.7	9.0	8.8
MED mph	8.9	9.6	8.4	8.8	9.4	10.1	10.7	11.1	10.0	9.2	8.6	7.8

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 mph	10.4	9.6	9.3	7.9	8.7	9.3	10.3	9.9	9.2	8.9	8.2	9.2
MED mph	10.0	9.0	8.9	7.6	8.3	8.9	9.9	9.4	8.8	8.4	7.9	8.4

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 mph	10.1	8.8	8.5	8.1	8.5	10.1	10.5	11.0	9.7	8.9	8.0	8.6
MED mph	9.6	8.1	7.9	7.6	7.9	9.8	10.3	10.7	9.4	8.6	7.5	7.7

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 mph	8.9	9.5	8.9	8.1	7.4	7.7	8.2	5.6	8.3	8.3	7.7	8.1
MED mph	8.3	9.1	8.4	7.7	6.9	7.5	7.7	5.2	8.1	7.9	7.2	7.4