

JUANDA SURABAYA, Indonesia**Annual Climatic Design Data (1994–2019)**

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
7.3747S	112.7820E	10	14.69	70.2	93.4	18.4	E

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	26	25	33	32	28	26	26	23	24	25	33	31
Prevailing Wind #1												
DIR	W	W	W	E	E	E	E	E	E	E	E	W
%OCC	19	19	11	16	23	24	24	26	24	21	13	12
AVG mph	7.9	8.2	7.1	8.7	8.8	9.2	9.8	10.2	10.5	10.1	9.0	7.3
MED mph	7.2	7.5	6.6	8.4	8.4	8.8	9.3	9.8	10.1	9.7	8.6	6.6
Prevailing Wind #2												
DIR	WNW	WNW	WNW	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	WNW
%OCC	17	19	10	11	16	18	20	20	21	18	10	10
AVG mph	9.3	9.8	8.2	8.3	8.6	9.2	9.4	9.7	10.0	9.6	8.7	8.1
MED mph	8.5	9.0	7.4	7.8	8.3	8.8	9.0	9.4	9.8	9.3	8.2	7.4
Prevailing Wind #3												
DIR	WSW	WSW	E	ENE	ENE	ENE	ENE	ENE	SE	ENE	ENE	WSW
%OCC	7	8	7	8	9	7	7	7	7	8	8	7
AVG mph	6.9	7.0	7.5	7.9	8.3	8.5	9.3	10.0	8.2	9.7	8.6	6.4
MED mph	6.4	6.4	7.3	7.7	8.0	8.3	8.9	9.6	7.7	9.3	8.5	5.7
Prevailing Wind #4												
DIR	NW	NW	WSW	W	SE	SE	SE	SE	ENE	SE	W	NW
%OCC	7	8	6	4	5	6	6	7	6	6	6	5
AVG mph	10.0	10.6	6.2	5.5	7.4	7.3	7.6	7.9	10.1	8.5	5.7	8.6
MED mph	9.1	9.9	5.7	5.2	7.0	6.9	7.1	7.6	9.6	8.1	5.3	7.6