

JAYAPURA SENTANI, Indonesia

Annual Climatic Design Data (1996–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
2.5760S	140.5183E	99	100.14	22.4	33.9	9.1	WNW

Monthly Winds (1996–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	31	32	31	41	42	42	39	39	40	39	40	35

Prevailing Wind #1

DIR	W	W	W	W	SE	SE	ESE	SE	ESE	SE	W	W
%OCC	21	21	20	14	12	15	14	15	14	13	11	19
AVG m/s	4.9	5.0	5.0	4.1	3.4	3.4	3.0	3.6	3.3	3.8	3.6	4.2
MED m/s	4.6	4.6	4.8	3.8	3.3	3.3	2.8	3.4	3.1	3.5	3.4	4.0

Prevailing Wind #2

DIR	WNW	WNW	WNW	WNW	ESE	ESE	SE	ESE	SE	ESE	WNW	WNW
%OCC	17	19	20	12	11	13	14	13	13	13	9	14
AVG m/s	5.2	5.6	5.9	4.5	3.1	3.0	3.4	3.2	3.6	3.4	3.9	4.6
MED m/s	5.2	5.6	6.0	4.3	2.9	2.9	3.2	3.0	3.4	3.2	3.7	4.5

Prevailing Wind #3

DIR	WSW	WSW	WSW	ESE	W	W	WNW	SSE	WNW	W	SE	WSW
%OCC	8	7	7	6	8	5	6	6	6	6	8	7
AVG m/s	3.5	3.5	3.5	3.0	3.5	2.8	2.5	3.0	2.9	2.8	3.3	3.0
MED m/s	3.1	3.2	3.2	2.8	3.1	2.4	2.3	2.8	2.4	2.6	3.1	2.9

Prevailing Wind #4

DIR	SE	SE	SE	SE	WNW	SSE	SSE	WNW	W	WNW	ESE	SE
%OCC	5	3	4	6	7	5	5	5	5	6	7	5
AVG m/s	3.0	2.8	2.8	3.2	3.3	2.9	2.8	2.7	2.9	3.2	3.0	2.7
MED m/s	2.8	2.6	2.7	2.9	2.8	2.8	2.7	2.3	2.5	2.8	2.9	2.6