

CILACAP, Indonesia

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
7.7187S	109.0149E	6	101.25	21.9	32.6	7.2	ESE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	44	44	43	42	31	27	19	13	15	22	40	44
Prevailing Wind #1												
DIR	W	W	W	SE	ESE	ESE	ESE	ESE	ESE	SE	SE	WSW
%OCC	11	11	8	10	22	28	36	40	35	27	18	8
AVG m/s	3.0	2.8	2.9	3.1	3.5	3.8	3.9	4.1	3.7	3.8	3.4	3.5
MED m/s	2.9	2.7	2.6	3.0	3.4	3.6	3.8	3.9	3.5	3.6	3.3	3.2
Prevailing Wind #2												
DIR	WSW	WNW	WNW	ESE	SE	SE	SE	SE	SE	ESE	ESE	W
%OCC	10	9	8	10	15	14	17	19	23	26	11	7
AVG m/s	3.5	2.5	2.5	3.1	3.4	3.7	4.0	4.2	4.0	3.4	3.2	2.9
MED m/s	3.3	2.4	2.3	3.0	3.3	3.5	3.9	4.1	3.9	3.3	3.0	2.7
Prevailing Wind #3												
DIR	WNW	WSW	SE	W	E	E	E	E	E	E	SSE	SE
%OCC	8	8	7	6	11	14	16	18	16	11	9	7
AVG m/s	2.8	3.3	3.2	2.5	3.3	3.5	3.6	3.6	3.2	3.0	3.1	3.0
MED m/s	2.5	3.1	3.0	2.3	3.2	3.3	3.4	3.5	3.1	2.9	3.0	2.9
Prevailing Wind #4												
DIR	SW	SW	WSW	WNW	SSE	ENE	ENE	ENE	SSE	SSE	E	SW
%OCC	6	5	6	5	5	3	3	3	4	7	4	6
AVG m/s	3.5	3.3	3.1	2.2	3.2	2.7	2.6	2.7	4.0	3.4	2.8	3.4
MED m/s	3.3	3.1	2.9	2.1	3.1	2.5	2.5	2.5	3.8	3.2	2.7	3.2