

KALIANGET MADURA ISLAND, 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
7.0413S	113.9156E	3	101.29	23.7	33.4	10.3	WNW

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	26	33	42	38	23	20	11	5	12	14	31	36

Prevailing Wind #1

DIR	WNW	WNW	NW	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	NW
%OCC	21	18	12	16	27	30	35	38	31	26	14	15
AVG m/s	5.0	4.9	3.4	3.8	3.5	3.9	4.2	4.5	4.4	4.2	3.7	3.5
MED m/s	4.3	4.1	2.4	3.5	3.2	3.7	3.9	4.2	4.1	4.0	3.5	2.7

Prevailing Wind #2

DIR	NW	NW	WNW	E	E	E	E	E	E	E	E	WNW
%OCC	20	18	9	12	20	23	23	23	20	22	12	13
AVG m/s	4.8	4.7	3.8	3.6	3.5	3.8	4.3	4.7	4.6	4.4	3.8	3.8
MED m/s	3.9	4.0	2.9	3.2	3.3	3.6	4.0	4.5	4.3	4.2	3.6	3.2

Prevailing Wind #3

DIR	W	NNW	NNW	SE	SE	SE	SE	SE	SE	SE	SSE	NNW
%OCC	9	6	8	5	11	12	15	17	15	11	7	7
AVG m/s	4.2	3.1	2.8	4.0	4.1	4.5	4.9	4.9	4.9	4.4	4.3	2.8
MED m/s	3.5	2.4	2.1	3.6	4.0	4.3	4.7	4.6	4.7	4.3	4.0	2.2

Prevailing Wind #4

DIR	NNW	W	S	NW	SSE	SSE	SSE	SSE	SSE	SSE	S	W
%OCC	6	6	4	5	6	6	9	10	10	8	6	6
AVG m/s	3.2	3.8	3.0	2.4	4.4	4.7	4.7	5.2	5.0	4.8	4.0	3.6
MED m/s	2.4	3.1	2.8	2.1	4.4	4.6	4.5	5.0	4.9	4.6	3.9	3.0