

KALIANGET MADURA ISLAND, 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
7.0413S	113.9156E	10	14.69	74.6	92.0	23.0	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 mph	11.2	10.9	7.5	8.5	7.8	8.8	9.3	10.0	9.8	9.4	8.2	7.9
MED mph	9.6	9.2	5.4	7.9	7.2	8.2	8.8	9.5	9.3	8.9	7.8	6.0

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 mph	10.7	10.5	8.4	8.0	7.7	8.5	9.6	10.5	10.2	9.8	8.5	8.5
MED mph	8.6	8.9	6.5	7.1	7.3	8.1	9.0	10.1	9.7	9.4	8.0	7.1

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 mph	9.5	6.9	6.2	8.9	9.1	10.0	11.0	11.0	10.9	9.9	9.6	6.3
MED mph	7.8	5.4	4.8	8.1	9.0	9.6	10.5	10.3	10.4	9.6	9.1	5.0

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 mph	7.1	8.5	6.7	5.3	9.8	10.4	10.5	11.7	11.2	10.7	9.0	7.9
MED mph	5.4	7.0	6.4	4.6	9.8	10.3	10.1	11.2	11.0	10.4	8.7	6.7