

SEMARANG AHMAD YANI, 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
6.9769S	110.3778E	4	101.28	22.5	34.8	8.0	NW

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	20	22	22	19	15	15	14	12	16	20	24	23

Prevailing Wind #1

DIR	WNW	WNW	NW	ESE	ESE	ESE	ESE	ESE	ESE	NNW	NNW	NW
%OCC	16	14	11	11	16	17	18	17	12	11	10	10
AVG m/s	4.4	4.5	4.8	3.2	3.5	3.6	4.0	3.9	3.6	4.5	4.1	4.6
MED m/s	4.2	4.3	4.8	3.0	3.4	3.5	3.9	3.8	3.4	4.6	4.1	4.5

Prevailing Wind #2

DIR	NW	NW	NNW	SE	SE	SE	E	E	NNW	NW	ESE	NNW
%OCC	13	14	10	10	12	13	13	12	10	9	9	9
AVG m/s	5.6	5.4	4.4	2.6	2.9	3.2	3.9	4.0	4.7	4.5	2.9	3.9
MED m/s	5.6	5.3	4.3	2.3	2.7	2.9	3.9	3.9	4.8	4.5	2.6	3.9

Prevailing Wind #3

DIR	W	W	WNW	NNW	E	E	SE	SE	E	ESE	NW	WNW
%OCC	11	10	7	8	12	12	13	11	10	9	7	8
AVG m/s	3.0	3.1	3.9	3.9	3.7	3.6	3.3	3.3	4.0	3.4	4.3	4.0
MED m/s	2.7	2.8	3.6	3.9	3.7	3.6	3.0	3.0	3.9	3.2	4.2	3.7

Prevailing Wind #4

DIR	NNW	NNW	N	E	SSE	SSE	NNW	NNW	NW	SE	SE	N
%OCC	8	8	7	7	7	7	6	7	8	7	7	6
AVG m/s	4.6	4.6	3.8	3.4	2.3	2.3	3.9	4.3	4.4	2.9	2.4	3.6
MED m/s	4.4	4.4	3.8	3.2	2.1	2.1	3.9	4.3	4.4	2.5	2.2	3.6