

MANILA NINOY AQUINO INTL, Philippines

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
14.509N	121.020E	23	101.05	21.8	35.1	8.5	WSW

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	12	9	8	8	10	14	13	13	14	16	16	14

Prevailing Wind #1

DIR	ESE	ESE	ESE	ESE	ESE	ESE	WSW	WSW	WSW	ESE	ESE	ESE
%OCC	25	32	38	38	21	12	16	20	16	13	21	20
AVG m/s	3.5	3.8	3.9	3.8	3.6	3.1	5.0	5.3	5.0	2.7	3.1	3.2
MED m/s	3.3	3.6	3.8	3.8	3.5	3.0	4.9	5.3	5.0	2.6	2.9	3.0

Prevailing Wind #2

DIR	E	E	SE	SE	SE	WSW	SW	SW	W	E	E	E
%OCC	17	16	16	19	12	12	12	14	13	8	13	15
AVG m/s	3.5	3.6	3.8	3.8	3.3	4.9	3.3	3.3	4.8	2.5	2.9	3.2
MED m/s	3.2	3.3	3.6	3.7	3.2	4.9	3.0	3.0	4.6	2.3	2.6	2.9

Prevailing Wind #3

DIR	ENE	SE	E	E	WSW	W	W	W	SW	SE	SE	ENE
%OCC	10	13	15	12	9	11	11	14	11	8	9	9
AVG m/s	3.1	3.4	3.5	3.2	5.0	4.8	4.8	5.1	3.0	2.5	2.7	3.0
MED m/s	2.6	3.3	3.3	3.0	4.9	4.8	4.6	4.9	2.7	2.3	2.5	2.5

Prevailing Wind #4

DIR	SE	ENE	ENE	ENE	W	SW	ESE	SSW	SSW	W	ENE	SE
%OCC	9	8	6	4	8	8	7	7	7	7	9	8
AVG m/s	2.9	3.1	2.9	2.5	4.8	3.0	2.6	2.1	2.1	4.2	2.7	2.6
MED m/s	2.8	2.6	2.4	2.2	4.7	2.7	2.4	1.9	1.9	3.9	2.3	2.3