

GUAM INTL, Guam

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
13.483N	144.800E	77	100.40	23.3	31.9	10.1	ENE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	2	2	2	1	4	5	13	15	16	11	3	1

Prevailing Wind #1

DIR	ENE	ENE	ENE	E	E	E	E	E	E	E	ENE	ENE
%OCC	36	38	38	36	37	38	21	11	11	19	34	40
AVG m/s	5.7	5.9	5.7	5.5	4.9	4.6	4.2	3.8	3.8	4.2	5.3	5.8
MED m/s	5.5	5.7	5.5	5.4	4.8	4.4	4.0	3.6	3.5	4.0	5.1	5.6

Prevailing Wind #2

DIR	NE	E	E	ENE	ENE	ESE	ESE	ESE	ESE	ENE	E	E
%OCC	23	23	28	33	21	20	16	10	9	16	27	29
AVG m/s	5.7	5.6	5.5	5.4	4.9	4.5	4.0	3.7	3.6	4.2	5.2	5.5
MED m/s	5.5	5.5	5.5	5.2	4.7	4.5	3.9	3.6	3.4	3.9	5.1	5.5

Prevailing Wind #3

DIR	E	NE	NE	ESE	ESE	ENE	ENE	SE	ENE	ESE	NE	NE
%OCC	22	20	17	12	18	19	12	8	9	12	13	13
AVG m/s	5.3	5.7	5.4	5.1	4.6	4.4	4.1	3.3	3.7	4.0	4.7	5.5
MED m/s	5.2	5.5	5.2	5.1	4.6	4.2	3.7	3.1	3.4	3.8	4.3	5.3

Prevailing Wind #4

DIR	ESE	ESE	ESE	NE	SE	SE	SE	ENE	SE	NE	ESE	ESE
%OCC	6	7	8	9	6	5	9	7	7	8	9	8
AVG m/s	4.6	4.9	4.9	4.8	4.0	3.9	3.6	3.6	3.3	3.6	4.7	4.9
MED m/s	4.6	4.8	4.9	4.4	3.9	3.8	3.3	3.3	3.0	3.2	4.5	4.8