

SAIPAN, Northern Mariana Islands

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
15.117N	145.717E	66	100.54	23.0	32.1	10.6	ENE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	1	1	2	3	6	9	9	4	1	1

Prevailing Wind #1

DIR	ENE	ENE	ENE	ENE	E	E	E	E	ENE	ENE	ENE	ENE
%OCC	34	39	39	40	36	38	24	14	14	24	39	40
AVG m/s	6.7	7.0	6.7	6.4	5.4	5.3	4.9	4.6	4.6	5.3	6.5	6.9
MED m/s	6.6	7.0	6.7	6.3	5.4	5.2	4.8	4.4	4.5	5.2	6.5	6.9

Prevailing Wind #2

DIR	NE	NE	E	E	ENE	ENE	ENE	ENE	E	E	E	E
%OCC	28	23	24	33	28	26	18	12	14	20	27	30
AVG m/s	6.5	6.5	6.3	5.9	5.7	5.4	5.0	4.6	4.7	5.0	6.2	6.4
MED m/s	6.5	6.4	6.3	5.9	5.7	5.3	4.8	4.5	4.5	4.9	6.2	6.3

Prevailing Wind #3

DIR	E	E	NE	NE	ESE	ESE	ESE	ESE	ESE	NE	NE	NE
%OCC	18	20	20	10	15	16	15	11	9	11	14	15
AVG m/s	6.1	6.3	6.3	5.5	4.6	4.6	4.4	4.1	4.2	4.6	5.7	6.3
MED m/s	6.0	6.2	6.3	5.4	4.4	4.4	4.1	3.9	4.0	4.5	5.6	6.3

Prevailing Wind #4

DIR	NNE	NNE	ESE	ESE	NE	NE	SE	SE	NE	ESE	ESE	ESE
%OCC	9	7	5	9	5	6	8	7	9	10	7	7
AVG m/s	5.6	5.0	5.1	5.0	4.8	4.3	4.5	4.2	4.0	4.5	5.4	5.0
MED m/s	5.4	4.7	4.9	4.9	4.6	4.1	4.2	3.9	3.8	4.2	5.2	4.8