

SAIPAN, Northern Mariana Islands

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
15.117N	145.717E	215	14.58	73.4	89.8	23.7	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 mph	14.9	15.6	15.0	14.2	12.1	11.8	11.0	10.2	10.4	11.8	14.6	15.4
MED mph	14.9	15.6	15.0	14.2	12.0	11.6	10.6	9.9	10.0	11.5	14.5	15.5

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 mph	14.5	14.6	14.2	13.3	12.8	12.1	11.1	10.4	10.5	11.3	13.9	14.3
MED mph	14.4	14.3	14.2	13.2	12.8	11.9	10.8	10.0	10.0	11.0	13.8	14.2

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 mph	13.6	14.1	14.1	12.4	10.2	10.2	9.7	9.2	9.5	10.3	12.8	14.2
MED mph	13.4	14.0	14.0	12.0	9.9	9.9	9.2	8.7	8.9	10.0	12.5	14.1

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 mph	12.5	11.1	11.4	11.2	10.7	9.5	10.2	9.4	8.9	10.1	12.0	11.2
MED mph	12.1	10.5	10.9	10.9	10.2	9.2	9.4	8.8	8.5	9.4	11.6	10.8