

ANDERSEN AFB, 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
13.583N	144.917E	187	99.10	22.8	31.1	11.0	ENE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	0	0	1	1	3	5	4	3	1	1
Prevailing Wind #1												
DIR	ENE	ENE	ENE	ENE	E	E	E	E	ENE	ENE	ENE	ENE
%OCC	38	41	42	38	36	38	21	11	10	20	38	41
AVG m/s	6.7	6.9	6.7	6.2	5.5	5.2	4.6	4.1	4.1	4.7	6.1	6.8
MED m/s	6.6	6.9	6.7	6.1	5.4	5.2	4.6	4.1	4.0	4.7	6.1	6.8
Prevailing Wind #2												
DIR	NE	NE	E	E	ENE	ENE	ESE	ESE	E	E	E	E
%OCC	25	23	25	33	25	23	15	10	10	18	23	28
AVG m/s	7.2	7.3	6.3	5.9	5.5	5.2	4.3	4.0	4.3	4.7	5.7	6.4
MED m/s	7.1	7.3	6.2	5.9	5.5	5.2	4.2	3.9	4.2	4.6	5.7	6.4
Prevailing Wind #3												
DIR	E	E	NE	ESE	ESE	ESE	ENE	ENE	ESE	ESE	NE	NE
%OCC	21	21	20	10	17	20	15	10	8	11	16	15
AVG m/s	6.0	6.2	6.8	5.3	5.0	4.8	4.5	4.1	4.1	4.4	6.2	7.0
MED m/s	6.0	6.1	6.9	5.2	5.0	4.9	4.4	4.0	4.0	4.2	6.1	7.0
Prevailing Wind #4												
DIR	ESE	ESE	ESE	NE	SE	SE	SE	SSW	WSW	NE	ESE	ESE
%OCC	6	5	6	9	6	6	9	7	7	8	8	7
AVG m/s	5.1	5.4	5.4	6.1	4.8	4.6	4.4	5.1	4.6	4.4	5.0	5.4
MED m/s	5.0	5.3	5.4	6.0	4.7	4.4	4.1	4.7	4.2	4.4	4.9	5.4