

YAP, Micronesia, Federated States of
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
9.497N	138.082E	28	100.99	23.7	33.2	7.8	ENE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	2	1	2	3	7	8	9	9	8	12	6	2

Prevailing Wind #1

DIR	ENE	ENE	ENE	ENE	E	E	SW	WSW	WSW	WSW	ENE	ENE
%OCC	39	40	38	36	24	23	11	18	17	11	26	35
AVG m/s	4.7	4.8	4.7	4.6	4.3	4.2	4.8	4.9	4.5	4.8	4.3	4.5
MED m/s	4.6	4.7	4.6	4.5	4.3	4.2	4.6	4.8	4.4	4.6	4.3	4.4

Prevailing Wind #2

DIR	NE	NE	NE	E	ENE	ENE	WSW	SW	SW	SW	E	E
%OCC	25	26	23	25	23	18	11	16	14	10	20	23
AVG m/s	4.7	4.7	4.7	4.6	4.2	4.0	4.7	4.9	4.6	4.8	4.4	4.6
MED m/s	4.6	4.6	4.5	4.6	4.1	4.0	4.5	4.8	4.5	4.5	4.3	4.5

Prevailing Wind #3

DIR	E	E	E	NE	ESE	ESE	E	W	W	E	NE	NE
%OCC	19	18	22	16	11	13	10	11	13	9	14	18
AVG m/s	4.7	4.8	4.8	4.3	4.2	4.1	4.1	4.6	4.3	4.1	4.0	4.3
MED m/s	4.6	4.7	4.7	4.1	4.1	4.1	4.0	4.5	4.2	4.1	3.9	4.2

Prevailing Wind #4

DIR	NNE	NNE	NNE	ESE	NE	NE	W	SSW	WNW	ENE	ESE	ESE
%OCC	6	7	6	7	10	8	7	6	7	7	7	7
AVG m/s	4.4	4.6	4.4	4.3	3.7	3.5	4.6	4.3	4.1	4.0	4.2	4.4
MED m/s	4.3	4.5	4.2	4.3	3.5	3.3	4.4	4.1	4.0	3.9	4.1	4.3