

TAHITI, French Polynesia

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
17.554S	149.607W	2	101.31	20.1	32.1	9.4	NE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	4	4	5	4	4	3	3	3	4	4	4	3

Prevailing Wind #1

DIR	ENE	ENE	ENE	ENE	ENE	E	ENE	ENE	ENE	NE	NE	ENE
%OCC	19	16	14	14	13	12	12	12	12	14	15	18
AVG m/s	3.9	3.7	3.5	3.2	3.3	2.2	3.4	3.7	3.6	4.8	4.7	3.8
MED m/s	3.5	3.2	3.0	2.7	2.8	2.0	2.8	3.1	2.8	4.8	4.7	3.5

Prevailing Wind #2

DIR	NE	NE	NE	NE	E	ENE	E	NE	E	ENE	ENE	NE
%OCC	17	16	13	13	12	12	12	11	10	13	15	18
AVG m/s	4.8	4.7	4.6	4.4	2.1	3.5	2.1	4.8	2.1	3.5	3.5	4.9
MED m/s	4.7	4.5	4.5	4.2	2.0	2.9	1.9	4.7	1.9	3.0	3.0	4.9

Prevailing Wind #3

DIR	E	E	E	E	NE	S	NE	S	NE	E	E	E
%OCC	12	12	12	12	12	10	11	11	10	9	11	11
AVG m/s	2.5	2.3	2.1	2.0	4.3	4.4	4.7	4.4	4.7	2.1	2.1	2.3
MED m/s	2.1	2.0	1.9	1.9	4.2	3.5	4.7	3.8	4.7	1.9	1.9	2.1

Prevailing Wind #4

DIR	NNE	NNE	ESE	ESE	ESE	NE	S	E	S	S	NNE	NNE
%OCC	8	8	7	7	9	9	10	10	9	8	8	8
AVG m/s	4.7	4.8	1.6	1.6	1.6	4.4	4.3	2.2	4.1	3.7	4.4	4.5
MED m/s	4.4	4.6	1.6	1.6	1.6	4.2	3.5	2.0	3.2	3.0	4.3	4.3