

HIVA OA, 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
9.806S	139.036W	53	100.69	21.6	32.4	8.7	E

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	9	9	9	11	11	9	8	8	7	9	9	7

Prevailing Wind #1

DIR	E	E	E	E	E	E	E	E	E	E	E	NNE
%OCC	19	19	19	20	20	25	27	27	28	20	16	19
AVG m/s	5.6	5.2	4.6	4.4	4.5	4.7	4.8	5.0	5.0	5.1	5.3	2.5
MED m/s	5.7	5.2	4.6	4.3	4.5	4.8	4.8	5.0	5.0	5.1	5.3	2.1

Prevailing Wind #2

DIR	NNE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	NNE	E
%OCC	17	17	19	18	15	14	16	16	19	18	16	18
AVG m/s	2.4	5.1	4.5	4.2	4.3	4.4	4.8	4.8	4.9	5.1	2.3	5.6
MED m/s	2.0	5.2	4.6	4.2	4.3	4.5	4.8	4.8	5.0	5.2	2.0	5.7

Prevailing Wind #3

DIR	ESE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	ESE	NE
%OCC	13	13	10	9	10	10	8	9	10	12	13	12
AVG m/s	5.4	2.1	1.7	1.4	1.5	1.6	1.5	1.5	1.8	2.0	5.1	2.3
MED m/s	5.7	1.7	1.4	1.2	1.3	1.3	1.3	1.3	1.4	1.5	5.1	2.0

Prevailing Wind #4

DIR	NE	NE	NW	NW	NW	NE	ENE	NE	NE	NE	NE	ESE
%OCC	11	9	8	8	9	8	7	7	8	9	12	12
AVG m/s	2.0	2.0	1.3	1.4	1.3	1.5	2.7	1.5	1.7	1.8	2.2	5.4
MED m/s	1.8	1.7	1.2	1.3	1.2	1.3	2.3	1.3	1.4	1.5	1.9	5.4