

HIVA OA, French Polynesia

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
9.806S	139.036W	174	14.60	70.9	90.3	19.5	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 mph	12.5	11.6	10.3	9.8	10.0	10.5	10.8	11.1	11.1	11.5	11.8	5.5
MED mph	12.8	11.6	10.2	9.7	10.0	10.6	10.8	11.1	11.1	11.4	11.9	4.8

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 mph	5.3	11.3	10.1	9.4	9.6	9.9	10.7	10.6	11.0	11.5	5.2	12.6
MED mph	4.5	11.6	10.2	9.3	9.5	10.1	10.8	10.8	11.1	11.6	4.4	12.8

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 mph	12.2	4.6	3.9	3.2	3.4	3.5	3.4	3.4	4.0	4.4	11.4	5.1
MED mph	12.7	3.8	3.1	2.8	2.9	2.9	2.9	2.9	3.2	3.5	11.5	4.4

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 mph	4.6	4.4	2.9	3.1	3.0	3.4	6.1	3.5	3.8	4.0	4.9	12.0
MED mph	4.0	3.8	2.7	2.8	2.7	3.0	5.2	3.0	3.2	3.3	4.2	12.1