

HONOLULU INTL, HI, United States of America

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
21.324N	157.929W	2	101.30	17.5	32.0	10.1	ENE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	10	8	7	4	5	3	2	3	5	7	7	9

Prevailing Wind #1

DIR	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
%OCC	17	20	25	35	34	45	47	45	36	34	30	26
AVG m/s	5.7	5.9	6.2	6.2	5.9	6.0	6.1	6.2	5.7	5.8	5.9	6.1
MED m/s	5.6	5.7	6.2	6.2	5.7	5.9	6.0	6.1	5.6	5.6	5.8	6.0

Prevailing Wind #2

DIR	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
%OCC	13	16	18	25	23	29	29	28	26	22	22	18
AVG m/s	5.1	5.4	5.7	5.8	5.5	5.6	5.6	5.6	5.3	5.3	5.4	5.4
MED m/s	5.0	5.2	5.6	5.7	5.4	5.5	5.5	5.6	5.3	5.2	5.2	5.2

Prevailing Wind #3

DIR	NNW	NNE	NNE	NNE	NNE	E	E	E	NNE	E	NNE	NNW
%OCC	9	8	8	7	7	8	8	8	8	8	7	7
AVG m/s	2.9	3.9	4.1	4.0	3.8	5.3	5.5	5.4	3.8	4.9	3.8	2.6
MED m/s	2.2	3.4	3.8	3.6	3.1	5.2	5.3	5.1	3.1	4.8	3.3	2.1

Prevailing Wind #4

DIR	NNE	NNW	NNW	E	E	NNE	NNE	NNE	E	NNE	E	NNE
%OCC	7	8	7	7	6	6	7	7	8	7	6	6
AVG m/s	3.6	2.9	3.0	5.2	4.9	4.0	4.2	4.1	5.0	3.6	4.8	3.6
MED m/s	3.1	2.3	2.4	5.1	4.8	3.5	4.1	3.7	4.8	3.0	4.7	3.0