

HILO 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
19.719N	155.053W	12	101.19	16.5	30.2	7.5	ESE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	9	9	10	9	9	9	9	9	9	9	10	11

Prevailing Wind #1

DIR	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
%OCC	22	19	17	16	17	17	16	18	21	21	21	21
AVG m/s	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.3	2.4	2.4	2.4	2.5
MED m/s	2.5	2.5	2.4	2.3	2.3	2.3	2.2	2.2	2.4	2.4	2.4	2.5

Prevailing Wind #2

DIR	SSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
%OCC	11	10	10	12	12	13	13	13	13	14	13	12
AVG m/s	2.3	2.6	2.5	2.6	2.6	2.5	2.4	2.4	2.6	2.6	2.6	2.6
MED m/s	2.3	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.5	2.6	2.5	2.6

Prevailing Wind #3

DIR	WSW	SSW	SSW	NE	SSW	NE	NE	NE	SSW	SSW	SSW	SSW
%OCC	9	9	8	7	8	9	10	9	7	8	8	9
AVG m/s	2.6	2.2	2.2	4.2	2.2	3.9	3.8	3.8	2.2	2.2	2.2	2.3
MED m/s	2.5	2.1	2.1	4.3	2.1	4.2	4.0	4.0	2.2	2.1	2.2	2.2

Prevailing Wind #4

DIR	N	N	ESE	E	E	ENE	ENE	NNE	NE	NE	ESE	ESE
%OCC	6	7	6	7	7	8	7	7	7	6	5	5
AVG m/s	4.8	5.3	4.6	4.3	4.3	4.1	4.0	3.6	3.7	3.6	3.9	4.0
MED m/s	4.6	4.8	4.6	4.4	4.5	4.3	4.2	3.7	3.8	3.6	4.1	4.1