

KALAOA KONA, HI, United States of America

Annual Climatic Design Data (1997–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
19.736N	156.049W	13	101.17	18.9	31.2	9.1	N

Monthly Winds (1997–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	9	8	7	7	6	7	6	7	7	8	8	8

Prevailing Wind #1

DIR	ESE	ESE	SE	WSW	WSW	WSW	SSW	SSW	WSW	SSW	ESE	ESE
%OCC	9	8	9	10	11	12	13	12	10	9	10	10
AVG m/s	2.7	2.7	3.2	4.1	4.1	4.1	4.5	4.5	4.1	4.4	2.7	2.8
MED m/s	2.6	2.6	3.0	4.3	4.3	4.3	4.7	4.7	4.3	4.5	2.6	2.6

Prevailing Wind #2

DIR	SE	SE	ESE	SSW	SSW	SSW	SW	WSW	SSW	WSW	SE	SE
%OCC	8	8	8	9	9	12	12	12	10	9	9	9
AVG m/s	3.3	3.3	2.7	4.4	4.4	4.4	4.3	4.2	4.6	3.9	3.2	3.3
MED m/s	3.0	3.0	2.6	4.5	4.5	4.5	4.5	4.4	4.7	4.1	3.0	3.0

Prevailing Wind #3

DIR	E	WSW	WSW	SE	SW	SW	WSW	SW	SW	ESE	SSW	E
%OCC	7	7	8	8	9	11	11	11	9	9	8	7
AVG m/s	2.3	3.8	3.9	3.2	4.2	4.2	4.1	4.3	4.4	2.7	4.2	2.3
MED m/s	2.1	3.9	4.1	3.0	4.4	4.4	4.3	4.5	4.5	2.6	4.3	2.2

Prevailing Wind #4

DIR	ENE	NE	SSW	SW	SE	SE	SE	SE	SE	SW	WSW	ENE
%OCC	7	7	7	8	9	8	8	9	9	9	7	7
AVG m/s	2.5	4.1	4.5	4.2	3.2	3.2	3.2	3.1	3.3	4.2	3.6	2.5
MED m/s	2.2	3.0	4.5	4.4	2.9	3.0	2.9	2.9	3.0	4.4	3.7	2.2