

KALAOA KONA, HI, United States of America

Annual Climatic Design Data (1997–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
19.736N	156.049W	43	14.67	66.0	88.1	20.5	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 mph	6.0	6.0	7.2	9.1	9.1	9.1	10.1	10.1	9.2	9.8	6.0	6.2
MED mph	5.8	5.8	6.7	9.6	9.6	9.6	10.4	10.4	9.6	10.2	5.8	5.9

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 mph	7.4	7.5	6.0	9.8	9.8	9.9	9.7	9.3	10.3	8.7	7.1	7.3
MED mph	6.8	6.8	5.8	10.2	10.1	10.2	10.0	9.8	10.6	9.2	6.6	6.7

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 mph	5.1	8.4	8.7	7.2	9.5	9.5	9.1	9.7	9.8	6.0	9.3	5.2
MED mph	4.8	8.8	9.1	6.7	9.8	9.9	9.5	10.1	10.1	5.8	9.6	4.8

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 mph	5.6	9.1	10.1	9.4	7.1	7.2	7.2	7.0	7.3	9.4	8.1	5.6
MED mph	4.9	6.6	10.2	9.8	6.5	6.6	6.6	6.5	6.7	9.8	8.2	4.9