

KAHULUI HARBOR, HI, United States of America

Annual Climatic Design Data (2008–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
20.8950N	156.4690W	13	14.69	63.9	83.3	25.9	NE

Monthly Winds (2008–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	3	3	2	1	2	1	1	1	1	2	1	2

Prevailing Wind #1

DIR	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
%OCC	19	24	37	43	37	47	47	44	39	34	37	30
AVG mph	13.7	13.4	15.1	15.6	15.7	15.6	15.5	14.7	14.1	14.1	14.6	14.1
MED mph	14.0	13.4	15.5	15.9	16.1	16.0	15.8	15.1	14.3	14.3	15.1	14.5

Prevailing Wind #2

DIR	NNE	ENE	NNE	ENE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
%OCC	14	12	16	15	16	20	24	23	23	20	15	14
AVG mph	11.9	13.0	12.7	14.2	11.6	13.6	13.4	13.3	12.3	11.4	11.3	10.7
MED mph	11.7	12.6	12.6	14.6	11.5	14.0	13.4	13.3	12.0	11.5	11.1	10.7

Prevailing Wind #3

DIR	N	NNE	ENE	NNE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
%OCC	11	11	14	15	14	15	11	13	12	12	14	12
AVG mph	10.6	11.0	13.6	12.6	14.9	14.6	13.6	13.4	13.0	12.4	13.1	12.8
MED mph	9.9	10.7	13.8	12.4	15.3	14.8	13.4	13.1	12.6	12.2	12.8	12.8

Prevailing Wind #4

DIR	S	N	N	N	N	N	N	N	N	N	N	N
%OCC	9	10	8	7	9	7	9	8	11	10	8	8
AVG mph	11.0	10.1	10.3	9.6	8.9	10.5	10.8	10.7	9.7	9.3	9.0	8.6
MED mph	11.3	9.8	10.1	9.5	9.1	10.6	10.8	10.7	9.8	9.3	9.2	8.0