

KAHULUI HARBOR, HI, United States of America

Annual Climatic Design Data (2008–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
20.8950N	156.4690W	4	101.28	17.7	28.5	11.6	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 m/s	6.1	6.0	6.8	7.0	7.0	7.0	6.9	6.6	6.3	6.3	6.5	6.3
MED m/s	6.2	6.0	6.9	7.1	7.2	7.2	7.1	6.7	6.4	6.4	6.8	6.5

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 m/s	5.3	5.8	5.7	6.4	5.2	6.1	6.0	5.9	5.5	5.1	5.1	4.8
MED m/s	5.2	5.6	5.6	6.5	5.1	6.3	6.0	6.0	5.4	5.1	5.0	4.8

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 m/s	4.7	4.9	6.1	5.6	6.6	6.5	6.1	6.0	5.8	5.6	5.8	5.7
MED m/s	4.4	4.8	6.2	5.5	6.8	6.6	6.0	5.9	5.6	5.4	5.7	5.7

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 m/s	4.9	4.5	4.6	4.3	4.0	4.7	4.8	4.8	4.3	4.2	4.0	3.8
MED m/s	5.1	4.4	4.5	4.3	4.1	4.7	4.8	4.8	4.4	4.2	4.1	3.6