

KALAELOA, HI, United States of America

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
21.317N	158.067W	33	14.68	60.7	89.7	18.0	ENE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	10	10	8	7	9	8	9	9	11	13	12	11

Prevailing Wind #1

DIR	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
%OCC	23	23	23	30	26	36	39	38	30	29	28	26
AVG mph	5.9	6.6	6.9	8.7	8.0	8.4	8.5	8.3	7.6	7.8	8.0	8.4
MED mph	4.9	5.6	5.8	8.8	7.7	8.5	8.6	8.2	7.1	7.4	7.6	8.0

Prevailing Wind #2

DIR	ENE	ENE	ENE	NE	NE	NE	NE	NE	NE	NE	NE	NE
%OCC	16	18	23	27	26	28	29	28	28	25	24	22
AVG mph	7.9	8.4	8.5	7.5	7.1	7.7	8.1	7.5	6.5	6.5	6.4	6.2
MED mph	7.2	8.0	8.3	6.5	6.1	6.8	7.5	6.5	5.7	5.6	5.5	5.1

Prevailing Wind #3

DIR	NNE	NNE	NNE	NNE	NNE	E	E	E	E	E	NNE	NNE
%OCC	11	11	11	8	7	9	8	8	7	7	8	9
AVG mph	7.2	7.6	8.6	8.3	7.7	9.2	9.3	9.4	8.8	9.1	7.5	7.0
MED mph	6.0	6.5	7.7	7.8	7.0	9.6	9.6	9.6	9.3	9.5	6.5	5.8

Prevailing Wind #4

DIR	SW	SE	E	E	E	NNE	SE	NNE	SE	NNE	E	E
%OCC	6	5	5	7	6	4	4	4	6	5	6	6
AVG mph	11.3	10.1	8.9	9.6	9.0	7.6	11.1	7.6	10.8	6.6	8.8	9.5
MED mph	10.7	10.0	9.3	9.8	9.4	7.0	11.1	6.5	10.8	5.8	9.2	9.4