

MOLOKAI, 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
21.155N	157.096W	443	14.46	59.3	87.6	24.0	ENE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	10	9	8	6	7	3	2	3	6	7	7	10

Prevailing Wind #1

DIR	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
%OCC	23	28	31	41	39	50	52	50	43	38	38	30
AVG mph	11.7	12.2	13.1	13.6	12.8	13.4	13.8	13.5	12.4	12.3	12.7	12.3
MED mph	11.5	11.9	12.7	13.3	12.5	13.0	13.7	13.2	12.1	12.0	12.3	12.1

Prevailing Wind #2

DIR	NNE	ENE	NNE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
%OCC	14	16	17	22	20	25	25	25	21	22	19	18
AVG mph	8.7	13.2	10.1	15.0	13.6	14.4	15.3	15.1	13.3	13.8	13.7	13.7
MED mph	8.3	13.4	10.0	15.4	13.8	14.7	15.7	15.5	13.2	14.0	14.1	14.2

Prevailing Wind #3

DIR	ENE	NNE	ENE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
%OCC	14	14	15	15	16	15	16	15	18	16	16	15
AVG mph	12.9	9.3	13.9	10.7	10.0	10.5	11.2	10.8	9.9	9.2	9.6	9.2
MED mph	13.0	9.3	14.3	10.7	10.0	10.5	11.2	10.8	9.9	9.2	9.6	9.1

Prevailing Wind #4

DIR	N	N	N	N	N	E	E	E	N	N	N	N
%OCC	8	7	8	4	5	2	2	2	3	4	4	7
AVG mph	9.0	9.2	9.2	9.0	7.9	10.2	10.7	10.6	7.7	7.9	8.1	8.6
MED mph	8.3	9.1	8.9	8.8	7.1	9.4	10.3	9.9	6.7	6.9	7.2	7.8