

MOLOKAI, HI, United States of America

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
21.155N	157.096W	135	99.71	15.1	30.9	10.7	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 m/s	5.2	5.5	5.9	6.1	5.7	6.0	6.2	6.0	5.5	5.5	5.7	5.5
MED m/s	5.1	5.3	5.7	6.0	5.6	5.8	6.1	5.9	5.4	5.4	5.5	5.4

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 m/s	3.9	5.9	4.5	6.7	6.1	6.4	6.8	6.7	5.9	6.2	6.1	6.1
MED m/s	3.7	6.0	4.5	6.9	6.2	6.5	7.0	6.9	5.9	6.3	6.3	6.3

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 m/s	5.8	4.2	6.2	4.8	4.5	4.7	5.0	4.8	4.4	4.1	4.3	4.1
MED m/s	5.8	4.1	6.4	4.8	4.5	4.7	5.0	4.8	4.4	4.1	4.3	4.1

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 m/s	4.0	4.1	4.1	4.0	3.5	4.6	4.8	4.7	3.4	3.5	3.6	3.9
MED m/s	3.7	4.0	4.0	3.9	3.2	4.2	4.6	4.4	3.0	3.1	3.2	3.5