

LANAI, HI, United States of America
Annual Climatic Design Data (2005–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
20.790N	156.949W	1300	14.02	58.6	83.8	28.5	NE

Monthly Winds (2005–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	17	13	14	9	11	8	8	11	12	20	19	15
Prevailing Wind #1												
DIR	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
%OCC	21	27	31	37	31	39	42	41	35	30	31	26
AVG mph	14.8	16.6	16.7	17.1	14.7	14.6	15.5	15.5	14.7	14.5	16.0	16.0
MED mph	14.3	16.3	16.9	17.4	15.1	15.0	15.9	16.0	15.2	15.0	16.0	15.8
Prevailing Wind #2												
DIR	NNE	ENE	ENE	NNE	ENE	NNE	ENE	ENE	ENE	ENE	ENE	ENE
%OCC	10	9	10	12	13	14	14	13	16	13	12	13
AVG mph	10.7	10.6	9.6	11.9	8.8	11.4	10.4	10.1	9.6	10.4	10.5	10.8
MED mph	9.8	9.0	8.1	11.0	7.1	10.8	9.7	9.4	8.9	9.2	9.4	9.4
Prevailing Wind #3												
DIR	ENE	NNE	NNE	ENE	NNE	ENE	NNE	NNE	NNE	NNE	NNE	NNE
%OCC	10	9	9	11	11	13	13	12	10	9	11	10
AVG mph	9.2	11.5	11.7	10.6	10.6	9.7	11.5	11.9	11.3	10.6	11.1	10.9
MED mph	6.8	10.7	10.9	9.3	10.1	8.6	10.9	11.2	10.6	10.0	10.3	10.3
Prevailing Wind #4												
DIR	E	E	E	E	E	E	E	E	E	E	E	E
%OCC	6	6	5	5	6	6	5	6	7	7	6	6
AVG mph	6.6	7.0	6.7	7.0	6.5	6.9	7.5	7.0	7.0	7.0	6.9	7.1
MED mph	5.9	6.1	6.1	6.2	6.0	6.2	6.5	6.3	6.3	6.2	6.2	6.2