

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

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
20.790N	156.949W	396	96.66	14.8	28.8	12.8	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 m/s	6.6	7.4	7.5	7.7	6.6	6.5	6.9	6.9	6.6	6.5	7.2	7.1
MED m/s	6.4	7.3	7.6	7.8	6.8	6.7	7.1	7.1	6.8	6.7	7.1	7.1
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 m/s	4.8	4.7	4.3	5.3	3.9	5.1	4.6	4.5	4.3	4.6	4.7	4.9
MED m/s	4.4	4.0	3.6	4.9	3.2	4.8	4.4	4.2	4.0	4.1	4.2	4.2
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 m/s	4.1	5.1	5.2	4.8	4.7	4.3	5.1	5.3	5.0	4.7	4.9	4.9
MED m/s	3.0	4.8	4.9	4.2	4.5	3.9	4.9	5.0	4.7	4.5	4.6	4.6
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 m/s	2.9	3.1	3.0	3.1	2.9	3.1	3.4	3.1	3.1	3.1	3.1	3.2
MED m/s	2.7	2.7	2.7	2.8	2.7	2.8	2.9	2.8	2.8	2.8	2.8	2.8