

NW HAWAII BUOY 51001, HI, United States of America

Annual Climatic Design Data (1994–2018)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
24.453N	162.000W	0	14.70	66.7	82.7	29.6	ENE

Monthly Winds (1994–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	1	1	1	1	0	0	1	1	1	1

Prevailing Wind #1

DIR	E	E	E	ENE	E	E	ENE	E	E	E	ENE	E
%OCC	17	19	20	30	23	38	44	43	37	27	25	22
AVG mph	16.3	16.8	17.5	18.2	15.1	16.8	17.5	16.5	15.5	16.4	18.3	18.2
MED mph	16.7	17.6	18.5	18.4	16.0	17.2	17.8	16.8	16.1	16.8	19.1	18.7

Prevailing Wind #2

DIR	ESE	ENE	ENE	E	ENE	ENE	E	ENE	ENE	ENE	E	ENE
%OCC	12	16	18	26	23	36	40	39	32	25	21	15
AVG mph	14.4	17.6	18.3	17.9	16.9	16.8	17.2	16.5	15.6	16.8	16.7	17.1
MED mph	15.1	18.5	19.6	18.3	18.0	17.2	17.6	17.0	16.1	17.4	17.4	17.9

Prevailing Wind #3

DIR	ENE	ESE	ESE	NE	ESE	ESE	ESE	ESE	ESE	ESE	NE	ESE
%OCC	12	11	13	14	15	11	7	8	10	11	12	11
AVG mph	18.0	14.3	15.4	16.5	12.9	14.3	14.4	14.6	13.5	14.8	17.7	15.6
MED mph	18.2	14.7	16.0	17.0	13.7	15.0	15.0	15.1	14.4	15.2	18.0	15.8

Prevailing Wind #4

DIR	NE	NE	NE	ESE	NE	NE	NE	NE	NE	NE	ESE	NE
%OCC	6	9	10	8	9	7	6	5	7	11	10	8
AVG mph	17.2	16.0	18.1	14.3	15.6	13.5	15.0	13.5	13.0	16.3	14.2	16.1
MED mph	17.2	16.2	19.7	14.9	17.1	13.9	16.0	14.2	14.0	16.9	15.1	16.6