

SOUTHEAST HAWAII BUOY 51004, 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
17.533N	152.255W	0	14.70	70.8	83.6	26.2	ENE

Monthly Winds (1994–2018)

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

Prevailing Wind #1

DIR	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
%OCC	32	36	36	51	46	53	53	53	53	50	44	40
AVG mph	18.4	18.6	18.0	18.6	17.4	17.5	17.6	17.7	16.3	17.4	18.9	20.1
MED mph	19.0	19.2	18.6	18.7	17.9	17.6	17.7	17.8	16.5	17.7	19.0	20.3

Prevailing Wind #2

DIR	E	E	E	E	E	E	NE	NE	E	E	E	E
%OCC	26	28	25	26	25	22	21	23	23	25	28	27
AVG mph	17.2	17.1	16.8	17.4	15.9	16.8	17.2	17.3	15.7	16.6	17.8	18.8
MED mph	17.7	17.4	17.3	17.6	16.4	16.9	17.4	17.6	15.9	16.9	18.1	18.9

Prevailing Wind #3

DIR	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	NE
%OCC	14	14	17	15	16	14	19	17	17	15	14	11
AVG mph	17.5	18.0	18.4	18.2	17.2	17.5	17.0	16.9	15.7	16.8	17.9	19.5
MED mph	18.3	18.9	18.6	18.3	17.8	17.9	17.2	16.9	16.1	17.1	18.5	19.9

Prevailing Wind #4

DIR	ESE	ESE	ESE	ESE	ESE	ESE	NNE	NNE	ESE	ESE	ESE	ESE
%OCC	10	7	9	4	7	2	2	3	3	5	6	8
AVG mph	14.5	14.0	14.0	14.2	11.8	13.7	15.3	16.1	13.8	14.8	15.3	15.9
MED mph	15.0	14.3	14.3	14.8	12.3	15.2	15.4	16.0	14.3	15.0	15.9	16.0