

VAIAKU, Tuvalu

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
8.522S	179.198E	7	14.69	76.6	90.8	24.3	E

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	6	4	8	7	8	6	4	5	5	8	8	7

Prevailing Wind #1

DIR	WNW	NNE	E	E	E	E	E	E	E	E	E	ENE
%OCC	10	11	15	22	23	30	32	31	33	22	16	11
AVG mph	13.1	9.6	10.3	10.4	10.5	12.3	12.9	12.2	12.2	9.8	10.1	10.0
MED mph	12.3	9.3	9.6	9.7	9.7	11.8	12.4	11.5	11.4	8.9	9.4	9.6

Prevailing Wind #2

DIR	W	W	ENE	ENE	ENE	ENE	ESE	ESE	ENE	ENE	ENE	NE
%OCC	10	10	14	19	18	19	22	21	19	17	15	11
AVG mph	13.2	13.2	9.1	9.0	9.5	10.4	12.9	13.0	10.7	9.3	8.9	9.6
MED mph	12.2	12.2	8.6	8.4	8.8	9.9	12.3	12.5	9.9	8.6	8.3	9.0

Prevailing Wind #3

DIR	NNE	NE	NE	ESE	ESE	ESE	ENE	ENE	ESE	ESE	NE	NNE
%OCC	10	10	11	9	15	19	17	18	18	15	11	9
AVG mph	9.7	9.4	8.0	10.1	10.5	12.6	11.1	10.5	12.4	10.9	8.7	9.1
MED mph	9.3	9.2	7.6	9.4	9.7	12.0	10.6	10.0	11.7	10.4	8.5	8.5

Prevailing Wind #4

DIR	N	N	NNE	NE	SE	SE	SE	SE	SE	NE	ESE	E
%OCC	10	9	9	8	9	11	11	10	8	8	10	8
AVG mph	9.9	9.8	8.3	7.7	9.6	11.0	11.1	10.7	11.7	8.5	11.1	9.8
MED mph	9.7	9.2	8.0	7.2	8.4	9.9	10.6	9.9	10.6	8.0	10.7	9.0