

APIA WHARF, Samoa

Annual Climatic Design Data (1998–2011)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
13.826S	171.761W	10	14.69	71.2	88.1	17.6	E

Monthly Winds (1998–2011)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	8	7	15	6	5	4	5	4	7	7	8	7

Prevailing Wind #1

DIR	SSE	SSE	SSE	SSE	SSE	E	E	E	E	E	E	SSE
%OCC	13	16	15	16	16	24	24	27	29	24	17	16
AVG mph	4.1	4.2	4.2	4.0	4.1	9.9	10.0	10.5	10.5	10.2	9.4	4.1
MED mph	4.0	4.2	4.2	4.0	4.1	9.8	9.8	10.4	10.4	10.1	9.2	4.1

Prevailing Wind #2

DIR	ENE	ENE	ENE	ENE	E	SSE	ENE	ENE	ENE	ENE	SSE	ENE
%OCC	12	13	10	14	16	15	15	18	19	18	16	14
AVG mph	8.2	8.1	8.4	9.1	8.9	4.0	9.9	10.6	10.8	10.2	4.1	8.8
MED mph	7.8	7.9	7.8	8.7	8.7	4.1	9.6	10.7	10.7	10.2	4.1	8.5

Prevailing Wind #3

DIR	SE	SE	SE	E	ENE	ENE	SSE	SSE	ESE	SSE	ENE	E
%OCC	10	11	9	12	14	15	15	13	12	12	16	13
AVG mph	4.1	4.0	4.3	9.1	8.9	9.9	4.2	4.2	6.4	4.0	9.2	8.4
MED mph	4.1	4.1	4.3	8.8	8.7	9.8	4.1	4.2	6.1	4.0	8.9	8.1

Prevailing Wind #4

DIR	E	E	E	SE	SE	SE	ESE	ESE	SSE	ESE	SE	SE
%OCC	9	11	8	12	14	13	12	12	11	10	11	11
AVG mph	8.4	8.1	8.5	4.2	4.3	4.1	6.7	6.3	4.1	6.0	4.0	4.0
MED mph	7.8	7.8	7.7	4.2	4.3	4.1	6.5	6.1	4.1	5.5	4.0	4.0