

APIA FALEOLO, Samoa

Annual Climatic Design Data (1997–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
13.830S	172.008W	58	14.67	69.7	90.0	22.8	ENE

Monthly Winds (1997–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	24	28	30	33	34	30	26	24	22	26	30	29

Prevailing Wind #1

DIR	E	E	E	E	E	E	E	E	E	E	E	E
%OCC	10	10	11	11	12	14	15	16	17	16	13	12
AVG mph	8.7	8.5	8.3	8.5	8.4	9.6	8.9	9.8	10.1	9.7	8.6	8.5
MED mph	7.4	7.4	7.1	7.3	7.3	8.4	7.6	8.2	8.7	8.2	7.5	7.3

Prevailing Wind #2

DIR	ENE	ENE	ENE	ENE	ESE	ESE	ESE	ENE	ENE	ENE	ENE	ENE
%OCC	10	10	11	9	10	11	12	13	15	14	12	11
AVG mph	11.3	10.3	10.4	10.3	6.6	7.8	7.0	12.2	12.5	11.9	10.9	10.6
MED mph	9.9	9.4	9.5	9.3	6.0	7.0	6.3	11.7	12.0	11.3	10.3	9.9

Prevailing Wind #3

DIR	NE	NE	NE	ESE	ENE	ENE	ENE	ESE	ESE	ESE	ESE	NE
%OCC	9	8	8	8	9	11	11	12	12	11	9	8
AVG mph	11.7	11.2	10.5	6.4	9.8	11.0	11.4	7.1	7.1	6.8	6.3	10.4
MED mph	10.6	10.3	9.6	5.6	9.2	10.3	10.7	6.3	6.2	5.9	5.6	9.6

Prevailing Wind #4

DIR	ESE	NNE	ESE	NE	SE	SE	SE	SE	SE	SE	NE	ESE
%OCC	9	8	8	7	7	7	9	8	7	7	7	8
AVG mph	6.2	12.1	5.7	9.6	6.3	7.1	7.1	7.2	6.4	6.7	10.5	6.3
MED mph	5.3	11.2	5.2	9.1	5.3	6.3	6.3	6.4	5.5	5.9	9.9	5.4