

APIA, Samoa

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
13.815S	171.781W	7	14.69	71.5	88.2	23.2	E

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	16	18	18	19	17	14	10	14	12	15	17	18

Prevailing Wind #1

DIR	E	E	E	E	E	E	E	E	E	E	E	E
%OCC	13	15	15	16	20	29	32	35	35	29	22	17
AVG mph	11.0	11.4	11.1	11.5	12.2	13.2	13.0	13.1	14.2	12.8	12.4	11.5
MED mph	10.3	11.0	10.5	11.1	12.0	12.6	12.8	12.6	13.6	12.3	11.9	11.3

Prevailing Wind #2

DIR	S	S	S	S	S	ESE	ESE	ESE	ESE	ESE	S	S
%OCC	11	9	13	12	11	16	16	15	14	12	10	10
AVG mph	3.3	3.6	3.5	3.3	3.3	8.6	8.1	8.9	8.7	8.1	3.2	3.1
MED mph	3.1	3.4	3.4	3.0	3.0	8.2	7.8	8.5	8.2	7.6	3.1	2.8

Prevailing Wind #3

DIR	ENE	ENE	ENE	ENE	ESE	SE	SE	SE	ENE	ENE	ENE	ENE
%OCC	7	7	10	9	11	11	10	9	9	9	9	9
AVG mph	11.1	12.0	11.6	11.2	7.6	5.6	5.5	5.5	13.7	12.6	11.8	10.7
MED mph	10.3	11.3	10.8	10.7	7.2	5.1	5.0	4.9	13.6	11.7	11.1	10.3

Prevailing Wind #4

DIR	SSW	SE	SSW	SSW	SE	S	S	S	S	S	ESE	ESE
%OCC	6	6	6	8	8	8	8	7	9	9	8	6
AVG mph	3.9	5.1	3.8	3.5	5.4	3.4	3.2	3.3	3.4	3.2	7.5	6.7
MED mph	3.8	4.8	3.7	3.2	5.0	2.9	2.9	3.0	3.2	2.7	7.1	6.2