

PAGO PAGO, American Samoa

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
14.331S	170.714W	4	101.28	23.2	32.6	10.9	ESE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	7	6	8	8	5	3	4	4	3	4	6	6
Prevailing Wind #1												
DIR	E	E	E	E	ESE	ESE	ESE	ESE	E	E	E	E
%OCC	12	14	16	20	22	29	28	27	29	27	24	18
AVG m/s	5.5	5.5	5.1	5.6	6.3	7.1	7.2	7.2	7.1	6.4	6.1	6.0
MED m/s	5.4	5.5	5.1	5.5	6.3	7.0	7.2	7.2	7.1	6.3	6.0	6.0
Prevailing Wind #2												
DIR	ENE	ENE	ESE	ESE	E	E	E	E	ESE	ESE	ESE	ESE
%OCC	10	11	11	17	21	23	23	25	28	25	21	16
AVG m/s	5.4	5.4	5.1	5.4	6.0	6.8	6.9	6.7	7.1	6.6	6.1	5.9
MED m/s	5.3	5.3	5.0	5.4	6.0	6.7	6.9	6.6	7.1	6.6	6.0	5.9
Prevailing Wind #3												
DIR	ESE	ESE	ENE	ENE	SE	SE	SE	SE	SE	ENE	ENE	ENE
%OCC	10	10	11	11	12	16	15	14	12	13	12	12
AVG m/s	5.4	5.5	5.1	5.3	6.5	7.0	7.2	7.3	6.8	6.0	5.7	5.6
MED m/s	5.2	5.4	5.0	5.3	6.5	7.0	7.2	7.5	6.8	5.9	5.6	5.6
Prevailing Wind #4												
DIR	NW	NW	NW	SE	ENE	ENE	ENE	ENE	ENE	SE	SE	SE
%OCC	9	9	9	7	10	9	9	10	12	11	8	7
AVG m/s	4.2	4.0	3.7	5.4	5.5	6.0	6.2	6.2	6.7	6.3	5.8	5.6
MED m/s	3.6	3.3	3.0	5.2	5.5	5.8	6.1	6.1	6.6	6.2	5.6	5.5