Table : Rainfall at Selected Stations (mm), 2005-2016

Period	UPOLU										SAVAII							
	Mulinuu/Apia		Afiamalu		Fasitoouta		Lotofaga		Moamoa		Asau		Fatausi		Salailua		Neiafu	
	Total	Mean	Total	Mean	Total	Mean	Total	Mean	Total	Mean	Total	Mean	Total	Mean	Total	Mean	Total	Mean
2005	2,823.8	235.3	4,712.8	428.4	2,793.4	232.8	3,909.6	325.8	3,183.4	265.3	-	-	1,320.2	120.0	2,625.3	218.8	342.4	28.5
2006	3,497.2	291.4	5,591.5	508.3	3,349.2	279.1	3,741.1	311.8	3,766.5	313.9	743.9	124.0	1,187.5	296.9	2,246.4	187.2	654.5	327.3
2007	3,663.3	305.3	4687.9	390.7	3,242.8	270.2	2,718.9	226.6	3,018.6	251.5	2,237.9	746.0	325.4	108.5	1,759.0	146.8	2,405.6	200.5
2008	3,080.9	256.7	4,564.3	380.4	1,881.3	156.8	3,275.0	272.9	1,844.2	153.7	-	-	1,412.0	117.7	1,562.1	130.2	2,001.6	166.8
2009	2,354.0	196.2	4,471.4	372.6	2,750.7	229.2	4,840.6	403.4	4,021.4	335.1	2,431.3	202.6	2,130.7	117.6	1,774.3	147.9	1,534.0	127.8
2010	2,889.0	240.8	4,115.6	343.0	3,155.5	263.0	3,931.9	327.7	3,399.7	283.3	2,286.4	190.5	2,587.3	215.6	1,284.2	107.0	2,058.8	171.6
2011	3,369.7	280.8	4,982.7	415.2	3,042.5	253.5	2,464.2	205.4	943.9	134.8	2,097.7	174.8	2,498.8	208.2	733.8	61.2	1,521.6	126.8
2012	2,351.5	196.0	5,537.3	461.4	3,313.7	276.1	4,586.3	382.1	182.0	15.1	2,409.1	200.7	1,756.8	146.4	2,921.0	243.4	2,093.0	174.4
2013	3,368.6	280.7	5,445.4	453.7	3,170.0	264.1	4,291.7	357.6	3,519.5	293.2	2,118.3	176.5	3,031.7	256.6	1,234.0	102.8	2,270.8	189.2
2014	3,301.9	275.2	5,311.4	442.6	1,719.4	143.2	5,067.1	422.2	336.9	28.0	2,537.2	211.4	2,547.6	212.3	1,963.7	163.6	3,085.9	257.1
2015	2,849.7	237.5	4,794.5	399.5	2,198.8	182.8	5,205.2	433.8	4,008.9	334.1	471.8	39.3	1,572.2	131.0	1,783.2	148.6	1,655.2	137.9
2016	2,888.8	240.7	4,380.8	365.1	2,172.9	181.1	4,607.2	383.9	2,347.8	195.7	302.8	25.2	0.0	0.0	1,016.0	84.7	2,021.8	168.5
2010																		
Qtr.I	659.0	219.7	1,662.8	554.3	1,058.9	353.0	1,123.0	374.3	1,056.8	352.3	1,224.3	408.1	644.6	214.9	465.5	155.2	727.6	242.5
Qtr.II	513.9	171.3	524.0	174.7	513.9	171.3	993.3	331.1	1,006.0	335.3	197.0	65.7	757.1	252.4	271.5	90.5	251.1	83.7
Qtr.III	799.6	266.5	640.4	213.5	615.0	205.0	910.4	303.5	779.4	259.8	73.5	24.5	561.2	187.1	233.2	77.7	312.8	104.3
Qtr.IV	916.5	305.5	1,288.4	429.5	967.7	322.6	905.2	301.7	557.5	185.8	791.6	263.9	624.4	208.1	314.0	104.7	767.3	255.8
2011																		
Qtr.I	1,720.8	573.6	2,739.6	913.2	1,419.1	473.0	969.3	323.1	651.0	217.0	1,365.3	455.1	794.0	264.7	341.4	113.8	605.2	201.7
Qtr.II	288.3	96.1	639.5	213.2	458.9	153.0	476.8	158.9	197.7	65.9	97.0	32.3	591.8	197.3	73.0	24.3	263.0	87.7
Qtr.III	249.0	83.0	263.4	87.8	448.6	149.5	299.7	99.9	95.2	95.2	96.4	32.1	358.0	119.3	37.8	12.6	88.8	29.6
Qtr.IV	1,111.6	370.5	1,340.2	446.7	715.9	238.6	718.4	239.5	-	-	539.0	179.7	755.0	251.7	281.6	93.9	564.6	188.2
2012																		
Qtr.I	1,051.7	350.5	2,586.0	862.0	1,586.5	528.8	1,178.2	392.7	1,241.2	413.7	1,311.6	437.2	709.0	236.3	114.0	38.0	996.9	332.3
Qtr.II	273.9	91.3	934.2	311.4	635.1	211.7	940.4	313.4	442.0	147.3	259.0	86.3	489.4	163.1	103.8	34.6	385.6	128.5
Qtr.III	242.4	80.8	424.3	141.4	220.0	73.3	782.8	260.9	136.8	45.6	65.1	21.7	83.6	27.8	37.7	12.5	73.2	24.2
Qtr.IV	783.5	261.1	1,592.8	530.9	872.1	290.7	1,684.9	561.6	-	-	773.4	257.8	474.8	158.2	35.4	11.8	637.3	212.4
2013																		
Qtr.I	1,347.7	449.2	2,358.3	786.1	994.3	331.4	1,107.7	369.2	1,691.1	563.7	1,278.3	426.1	927.6	309.2	72.7	24.2	690.7	230.2
Qtr.II	653.7	217.9	1,055.9	351.9	1,075.0	358.3	985.0	328.3	383.2	127.7	468.7	156.2	1,031.8	343.9	349.3	116.4	562.6	187.5
Qtr.III	547.4	182.4	754.5	251.5	596.2	198.2	1,095.1	365.0	641.2	213.7	146.6	48.8	633.0	211.0	310.4	103.4	520.8	173.6

Qtr.IV	819.8	273.2	1,276.0	425.3	504.8	168.2	1,103.9	367.9	804.0	268.0	224.7	74.9	439.3	146.4	501.6	1,672.0	496.7	165.5
									2014									
Qtr.I	1,652.8	550.9	2,719.8	906.6	444.2	148.0	961.9	320.6	1,142.4	380.8	1,708.2	569.4	869.8	289.9	854.1	284.7	1,803.9	601.3
Qtr.II	676.4	225.4	805.3	268.4	314.2	104.7	1,564.5	521.5	834.2	278.0	192.1	64.0	684.4	228.1	377.1	125.7	236.8	78.9
Qtr.III	225.2	75.0	557.6	185.8	222.5	74.1	1,043.0	347.6	286.1	95.3	212.2	70.2	585.8	195.2	289.3	96.4	392.1	130.7
Qtr.IV	747.5	249.1	1,228.7	409.5	738.5	246.1	1,977.0	499.2	1,106.6	368.8	424.7	141.5	407.6	135.8	443.2	147.7	653.1	217.7
									2015									
Qtr.I	1,003.2	334.4	1,713.7	571.2	825.7	275.2	1,379.5	459.8	1,132.5	377.5	377.8	125.9	373.2	124.4	613.6	204.5	713.0	237.7
Qtr.II	529.7	176.6	884.7	294.9	302.8	100.9	1,496.1	498.7	301.2	100.4	12.6	4.2	1,000.8	333.6	417.6	139.2	431.4	143.8
Qtr.III	74.9	25.0	353.2	117.7	61.2	20.4	627.5	209.2	96.8	32.3	3.8	1.3	142.8	47.6	203.9	68.0	91.3	30.4
Qtr.IV	1,241.9	414.0	1,842.9	614.3	1,009.1	336.4	1,702.1	567.4	2,478.4	826.1	77.6	25.9	55.4	18.5	548.1	182.7	419.5	139.8
									2016									
Qtr.I	675.2	225.1	1091.3	363.8	299.2	99.7	1005.9	335.3	553.3	184.4	63.4	21.1	-	-	-	-	657.5	219.2
Qtr.II	1,121.4	373.8	1,311.9	437.3	774.4	258.1	1,540.9	513.6	874.7	291.5	57.1	19.0	-	-	-	-	455.3	151.8
Qtr III	285.1	95.0	529.2	176.4	140.0	46.7	1263.3	421.1	213.3	71.1	182.3	60.8	-	-	-	-	259.2	86.4
Qtr.IV	807.1	269.0	1448.4	482.8	959.3	319.8	797.1	265.7	706.5	235.5	-	-	-	-	1016.0	338.7	649.8	216.6

Source: Ministry of Natural Resources and Environment (Meteorology Division).

Note: 1971 - 2000 base period used for calculation of climatological normals.

: Fogapoa replaces Fatausi Rainfall Station as from August 2006

: Asau Climatorological Rainfall Station was closed due to damage of the Screen for the instruments from January 2003 to July 2006.

- : No data was collected as rainfall station was not operational due to technical difficulties

: Measurements in millimeters (mm)

Table : Observatoins Recorded at Mulinuu (9:00 a.m), 2005-2016.

Period	Rainfall (millimeter)		Sunshine Duration (hours)		Wind Speed (kilometer)		Average Temp.(c)	Maximum Temp.(c)	Minimum Temp.(c)	Grass Temp.(c)	Relative Humidity (%)
	Total	Mean	Total	Mean	Total	Mean	Mean	Mean	Mean	Mean	Mean
2005	2,823.8	235.3	-	-	42.5	3.5	28.3	30.5	24.3	-	78.5
2006	3,497.2	291.4	-	-	42.5	3.5	28.5	30.1	23.7	-	78.2
2007	3,663.3	305.3	-	-	35.0	2.9	28.0	30.0	24.2	-	78.4
2008	3,080.9	256.7	-	-	40.3	3.3	27.8	29.7	23.9	-	79.0
2009	2,354.0	196.2	-	-	15.9	3.1	28.0	30.2	24.0	-	78.1
2010	2,889.0	240.8	-	-	12.3	2.6	28.3	30.3	24.0	-	80.0
2011	3,369.7	280.8	-	-	34.8	2.9	27.3	30.1	23.1	-	79.6
2012	2,351.5	196.0	-	-	27.5	2.2	26.9	30.4	23.6	-	84.7
2013	3,368.6	280.7	-	-	37.6	3.1	27.4	30.6	24.4	-	85.0
2014	3,301.9	275.2	-	-	32.9	2.7	27.8	31.2	24.6	-	80.8
2015	2,849.7	237.5	-	-	31.8	2.7	28.0	31.7	24.3	-	80.3
2016	2,888.8	240.7	-	-	32.3	2.7	28.8	32.6	24.6	-	74.4
						2010					
Qtr.I	659.0	219.7	-	-	12.3	3.0	28.9	30.7	25.2	-	81.1
Qtr.II	513.9	171.3	-	-	6.7	2.4	28.9	30.9	24.9	-	77.8
Qtr.III	799.6	266.5	-	-	6.7	3.3	27.8	29.7	23.0	-	80.2
Qtr.IV	916.5	305.5	-	-	6.7	1.5	27.5	29.9	22.7	-	81.0
						2011					
Qtr.I	1,720.8	573.6	-	-	9.4	2.2	26.0	29.9	23.0	-	85.8
Qtr.II	288.3	96.1	-	-	9.4	2.8	28.4	30.6	23.3	-	76.6
Qtr.III	249.0	83.0	-	-	12.3	4.2	27.6	29.7	22.7	-	75.0
Qtr.IV	1,111.6	370.5	-	-	6.7	2.3	27.1	30.3	23.3	-	81.1
						2012					
Qtr.I	1,051.7	350.6	-	-	5.1	1.7	26.8	30.1	23.6	-	87.6
Qtr.II	273.9	91.3	-	-	6.0	2.0	27.1	30.6	23.5	-	78.8
Qtr.III	242.4	80.8	-	-	10.1	3.3	26.5	29.9	23.0	-	79.3
Qtr.IV	783.5	261.2	-	-	6.3	2.1	27.4	30.6	24.2	-	80.8
						2013					

Qtr.I	1,347.7	449.2	-	-	9.7	3.2	27.7	30.6	24.8	-	84.9
Qtr.II	653.7	217.9	-	-	9.5	3.1	27.7	30.9	24.6	-	81.9
Qtr.III	547.4	182.5	-	-	10.6	3.5	26.9	30.0	24.0	-	78.8
Qtr.IV	819.8	273.3	-	-	7.8	2.6	27.4	30.8	24.2	-	81.8
						2014					
Qtr.I	1,652.8	550.9	-	-	5.8	1.9	28.3	31.5	24.9	-	85.7
Qtr.II	676.4	225.4	-	-	9.0	3.0	27.9	30.8	25.0	-	79.5
Qtr.III	225.2	75.1	-	-	10.0	3.3	27.4	31.0	23.8	-	78.7
Qtr.IV	747.5	249.2	-	-	8.1	2.7	27.8	31.2	24.6	-	79.3
						2015					
Qtr.I	1,003.2	334.4	-	-	5.0	1.7	28.4	31.8	25.1	-	83.7
Qtr.II	529.7	176.6	-	-	7.1	2.4	28.1	32.0	24.2	-	80.3
Qtr.III	74.9	25.0	-	-	10.9	3.6	27.2	31.2	23.3	-	77.1
Qtr.IV	1,241.9	414.0	-	-	8.8	2.9	28.4	31.9	24.8	-	80.0
						2016					
Qtr.I	675.2	225.1	-	-	5.9	1.9	29.1	32.8	25.5	-	54.7
Qtr.II	1,121.4	373.8	-	-	10.3	3.4	28.2	32.2	24.2	-	82.1
Qtr.III	285.1	95.0	-	-	9.3	3.1	27.9	32.3	23.6	-	79.7
Qtr.IV	807.1	269.0	-	-	6.8	2.3	30.0	32.9	25.1	-	81.0

Source: Ministry of Natural Resources and Environment (Meteorology Division).

Note: Wind Speed was measured in Knots until 1994, then changed to kilometres as from January 1995.

: 1971 - 2000 Based period for calculation of climatologial normals.

: Sunshine Recorder was reported stolen Jan 2005

: Grass Thermometers were damaged Jan 2005

- : No data was collected due to technical difficulties

Table : Samoa Annual Rainfall Averages 2005-2016 (mm)

Year	Annual Averages	Long term Annual	Monthly Average	Minimum Monthly Value	Maximum Monthly Value
2005	2823.8	3044.2	235.3	87.9 Aug	297.9 Dec
2006	3497.2	3044.2	291.4	50.8 Jun	779.4 Jan
2007	3663.3	3044.2	305.3	83.9 Apr	609.0 Mar
2008	3080.9	3044.2	256.7	216.0 Aug	709.3 Jan
2009	2354.0	3044.2	196.2	123.9 Sept	383.3 Jan
2010	2889.0	3044.2	240.8	86.4 Mar	409.2 Dec
2011	3369.7	3044.2	280.8	58.2 Jun	966.1 Jan
2012	2351.5	3044.2	196.0	45.9 Aug	449.0 Jan
2013	3368.6	3044.2	280.7	120.8 Sept	811.8 Jan
2014	3301.9	3044.2	275.2	46.8 June	965.1 Jan
2015	2879.7	3044.2	240.0	4.6 July	713.2 Dec
2016	2894.2	3044.2	241.2	24.6 July	650.0 Apr

Source: Ministry of Natural Resoyrces & Environment (Meteorology Division)