

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

Period	UPOLU										SAVAII							
	Mulinu/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
<b>2005</b>	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
<b>2006</b>	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
<b>2007</b>	3,663.3	305.3	4,687.9	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
<b>2008</b>	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
<b>2009</b>	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
<b>2010</b>	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
<b>2011</b>	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
<b>2012</b>	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
<b>2013</b>	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
<b>2014</b>	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
<b>2015</b>	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
<b>2016</b>	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
<b>2010</b>																		
<b>Qtr.I</b>	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
<b>Qtr.II</b>	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
<b>Qtr.III</b>	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
<b>Qtr.IV</b>	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
<b>2011</b>																		
<b>Qtr.I</b>	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
<b>Qtr.II</b>	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
<b>Qtr.III</b>	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
<b>Qtr.IV</b>	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
<b>2012</b>																		
<b>Qtr.I</b>	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
<b>Qtr.II</b>	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
<b>Qtr.III</b>	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
<b>Qtr.IV</b>	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
<b>2013</b>																		
<b>Qtr.I</b>	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
<b>Qtr.II</b>	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
<b>Qtr.III</b>	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

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

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

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

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