

**The tables below show the rainwater harvest yield in Currumbin Valley for the stated assumptions.**

It assumes the tanks are not filled with water on installation but by rainfall only. By July the household is consuming more water than it is harvesting and by October the tanks are reduced to 31% of capacity.

No of Occupants	4
Avg Daily Usage per Person	200 Litres
Catchment Size	250 Square Metres
Total Capacity	45,000 Litres
Starting Capacity	0 Litres

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Average Monthly Rainfall (mm)	171.7	174.8	187.5	168.5	139.7	140.1	74.8	62.3	41.2	87.4	129.4	155.2
Potential Yield (Litres)	42,925	43,700	46,875	42,125	34,925	35,025	18,700	15,575	10,300	21,850	32,350	38,800
Monthly Water Usage (Litres)	24,333	24,333	24,333	24,333	24,333	24,333	24,333	24,333	24,333	24,333	24,333	24,333
Difference (Litres)	18,592	19,367	22,542	17,792	10,592	10,692	- 5,633	- 8,758	- 14,033	- 2,483	8,017	14,467
System Capacity (Litres)	18,592	37,958	45,000	45,000	45,000	45,000	39,367	30,608	16,575	14,092	22,108	36,575
	41%	84%	100%	100%	100%	100%	87%	68%	37%	31%	49%	81%



Any change to the variables; number of occupants, catchment size or total capacity, will make a substantial difference.

For example, the table below assumes a 5 person household. Again, the household is consuming more than it harvests but by a greater amount, resulting in empty tanks by September.

The tanks will remain empty until the following January.

No of Occupants	5
Avg Daily Usage per Person	200 Litres
Catchment Size	250 Square Metres
Total Capacity	45,000 Litres
Starting Capacity	0 Litres

