

# How much water does your household use?



To help you understand how much water your household uses, Mount Isa Water has developed the following Home Water Calculator.

Simply answer each applicable question and enter your water usage into the yellow boxes.



## example

### Q1: Do you manually wash your dishes?

Depth of water in sink	No of washes per week				L/week
	5	7	10	14	
1/2 Full	50	70	100	140	
Full	100	140	200	280	200

## general

### Q1: Do you use an evaporative air-conditioning system?

Hours operated per day	6	12	18	24	L/week
Weekly water usage	3192	6384	9576	1824	

(note: Evaporative coolers use 76 L/hour)

## kitchen



### Q1: Do you manually wash your dishes?

Depth of water in sink	No of washes per week				L/week
	5	7	10	14	
1/2 Full	50	70	100	140	
Full	100	140	200	280	

### Q2: Do you use a dishwasher?

Dishwasher Type	No of washes per week				L/week
	5	7	10	14	
AAA rate water efficient	50	70	100	140	
Normal cycle	90	126	180	252	
Economy Cycle	75	105	150	210	

### Q3: Do you rinse the dishes before putting them in the dishwasher?

No of washes per week	5	7	10	14	L/week
Weekly water usage	50	70	100	140	

### Q4: Does your sink tap drip?

Number of Taps	1	2	3	4	L/week
Weekly water usage	1400	2800	4200	5600	

### Q5: How many minutes per day do you use your kitchen taps for drinking, rinsing, cleaning etc?

Minutes taps used	5	10	15	20	L/week
Weekly water usage	280	560	840	1120	

**Q1: How many people leave the tap running while they brush their teeth?**

Number of People	1	2	4	6	L/week
Weekly water usage	105	210	420	630	

**Q2: How many people turn the tap off while they brush their teeth?**

Number of People	1	2	4	6	L/week
Weekly water usage	14	28	56	84	

**Q3: How many basin taps drip?**

Number of Taps	1	2	3	4	L/week
Weekly water usage	1400	2800	4200	5600	

**Q4: How many people shave using a manual shaver?**

Number of People	1	2	3	4	L/week
With water running	175	350	525	700	
Using a cup	1	2	3	4	

**Q5: How many baths are taken each week?**

Depth of water in bath	No of baths per week				L/week
	1	3	7	14	
1/2 Full	100	300	700	1400	
Full	200	600	1400	2800	

**Q6: How many showers are taken each week using an ordinary shower rose?**

Length of shower	No of showers per week				L/week
	7	14	21	28	
5 minutes	490	980	1470	1960	
10 minutes	980	1960	2940	3920	
15 minutes	1470	2940	4410	5880	

**Q7: How many showers are taken each week using a water efficient shower rose?**

Length of shower	No of showers per week				L/week
	7	14	21	28	
5 minutes	315	630	945	1260	
10 minutes	630	1260	1890	2520	
15 minutes	945	1890	2835	3790	

**Q8: Do you have dual flush toilets?**

Type of Toilet	No of people in house				L/week
	1	2	4	6	
Single flush	385	770	1540	2310	
Old dual flush	175	350	700	1050	
New dual flush	105	210	420	630	

**Q9: Does your toilet leak?**

Number of Toilets	1	2	3	4	L/week
Weekly water usage	308	616	924	1232	

## laundry



### Q1: Do the laundry taps drip?

Number of Taps	1	2	3	4	L/week
Weekly water usage	1400	2800	4200	5600	

### Q2: How many loads of washing does your machine do per week?

Type of Washing Machine	No of loads per week				L/week
	1	3	7	10	
Front loader	105	315	735	1050	
Top loader	196	588	1372	1960	

### Q3: How many loads of hand washing do you do per week?

Depth of water in basin	No of loads per week				L/week
	1	2	3	4	
1/2 full	40	80	120	160	
Full	80	160	240	320	

## outside



### Q1: How many dripping taps are there in the garden?

Number of Taps	1	2	3	4	L/week
Weekly water usage	1400	2800	4200	5600	

### Q3: Do you water your gardens and lawn with a bucket or watering can?

Frequency of watering	Total no of buckets per watering				L/week
	1	3	6	9	
Once per day	63	189	378	567	
Three times per week	27	81	162	243	
Once per week	9	27	54	81	

### Q3: Do you water your gardens and lawn with a hose or sprinkler?

Frequency of watering	Total minutes per watering				L/week
	10	30	60	90	
Once per day	1260	3780	7560	11340	
Three times per week	540	1620	3240	4860	
Once per week	180	540	1080	1620	

### Q 4: How often do you wash your car?

Minutes per wash	No of washes per year				L/week
	1	12	26	52	
5 minutes	2	21	45	90	
10 minutes	3	42	90	180	
20 minutes	7	83	180	360	

### Q5: Do you have a pool?

	L/week
Volume of water required to top up and back wash = 7700 L/week	



# Is your household water wise?

Now add up your total water usage:

Area		Sub-totals
General		
Kitchen		
Bathroom		
Laundry		
Outside		
<b>Total Volume of Water Used (L/week)</b>		

Divide the **total weekly volume** by 7 to get your average **daily usage** =

Average daily usage per household

Divide your **daily usage** by the **number of people** in your household =

Daily water consumption per person

Compare your average daily usage rate for each person against the following:

## Daily water consumption per person

### Less than 350 L/person.day

Great work – your household uses water wisely.

You should share your knowledge with friends, family and neighbours.

### Less than 550 L/person.day

Your good efforts are starting to pay off.

You may however be able to save even more water.

Check out Mount Isa Water's website for some water saving tips

[www.mountisawater.qld.gov.au](http://www.mountisawater.qld.gov.au).

### More than 550 L/person.day

Hmmm you might like to look at how you can save water, and maybe even money!

Check out Mount Isa Water's website for some water saving tips

[www.mountisawater.qld.gov.au](http://www.mountisawater.qld.gov.au), or give us a call on 4740 1000.

