



Dŵr Cymru  
Welsh Water

- One third of each UK's household water consumption is used for showers and baths
  - Another third gets flushed straight down the loo
  - Having an ordinary shower (rather than a power shower) will use two-fifths of the water needed for a bath
  - A bath uses an average of 80 litres of water, while a (non-power) shower uses only around 30 litres of water
  - You waste several litres of water a minute if you don't turn the tap off while brushing your teeth
  - A dripping tap, losing one drop a second, will waste 15 litres of water a day
  - An average family of four uses the equivalent of two baths of water every day just flushing the toilet
  - Don't use dishwashers or washing machines half full – you could waste up to 20 litres of water every time
  - Plants planted in the ground, over two years ago will only need watering in times of drought
  - Don't clean and peel vegetables under a running tap. Put the plug in and use the sink. A tap left running for 10 minutes uses nearly 100 litres of water
  - Each cycle of a washing machine uses up to a 100 litres of water, so make sure you only use your washing machine when you have a full load
  - Each complete cycle of a dishwasher uses as much as 50 litres of water, so make sure you only use it when it is full
  - Wash your car with a bucket and sponge. A hosepipe can use up to 100 litres of water an hour
  - Lawns will survive long periods of dry weather and will not die, even if they become brown. Most grass is resilient and will revive when the dry spell ends
  - Recycle your bath, shower and washing up water in the garden (providing it doesn't contain any oils, foams or salts)
  - Water that contains washing up liquid is an effective deterrent against greenfly
  - Avoid using sprinklers in the garden, as they tend to over water your plants and waste vast quantities of water
  - A daily bath uses 16,425 litres more water a year than a shower
  - Even though the UK gets a lot of rain each year, the density of our population means that water supplies are limited and must be looked after carefully
  - If you brush your teeth for three minutes, twice a day with the tap running while you clean your teeth, you are wasting 10,950 litres of water a year
- By reducing the amount of water you waste you:
- Protect and conserve the earth's most valuable resource
  - Save energy and money – if you use less hot water you heat less water
  - Prevent damage to your property due to leaks and burst pipes
  - Save energy, used for treatment and pumping of water and waste- water
  - The amount of water we use has been steadily increasing since the 70's when the average water consumption was 110 litres per person today, today that figure has risen to around 157 litres per person per day
  - It takes between 2000 and 5000 litres of water to grow 1 kilogram of rice. That is more water than many households use in a week
  - Every teaspoonful of sugar in your coffee requires 50 cups of water to grow it, growing the coffee itself requires 140 litres of water, or 1120 cups
  - The average adult body contains about 40 litres of water. A man's body is 60-65% water – a woman's body 50-60% water.
  - The human brain is about 75% water
  - North Americans use considerably more water per person than people in other developed countries who have similar lifestyles – up to double the amount of water consumed by Europeans
  - The total amount of water on the earth is about 326 million cubic miles of water
  - By the time a person feels thirsty, his or her body has lost over 1 percent of its total water amount
  - The first municipal water filtration works opened in Paisley, Scotland in 1832
  - 70% of your skin is water
  - There is approximately 1 million miles of domestic water pipeline & aqueducts to carry water in the USA – that's enough pipe to circle the Earth 40 times
  - In Wales we each use approx. 140 litres of clean treated water per day
  - On average each household in Wales uses 420 litres of water a day
  - 70% of the world's water surface is covered in water, however, 97% of it is salty and only 3% is fresh water. Of this 3%,  $\frac{3}{4}$  is frozen leaving less than 1% available for use by all of the people, animals and plants on earth
  - A sprinkler uses approx. 540 litres of water an hour



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- Using a hosepipe to wash your car uses the equivalent of 33 buckets of water
- Although we appear to have plenty of rain in the UK, our water resources are under pressure. We use 70% more water today than we did 40 years ago
- Water also requires huge amounts of energy, both to treat it and pump it to our houses, so our thirst for water is damaging our planet in more ways than one
- About 95% of the water that gets delivered to our houses goes down the drain
- Overall, only 3% of the water entering the average home is actually used as 'drinking' water
- A litre of bottled drinking water can be more expensive than a litre of petrol
- A water efficient dishwasher will use as little as 15 litres per wash cycle, whereas some older models use up to 50 litres per cycle
- Older washing machines can use up to 100 litres per cycle, whereas new ones use about 45 litres
- Over a quarter of all clean, drinkable water you use in your home is used to flush the toilets
- Older toilets can use up to 9 litres of clean water with every flush, whilst new toilets use only 6 litres
- Many people in the world exist on 10 litres of water a day or less. We can use almost that amount in one flush of the toilet
- The average roof collects about 85,000 litres of rain a year – enough to fill 450 water butts with free water
- A garden hose or sprinkler can use almost as much water in an hour as an average family of four uses in one day
- Our wetlands are dying out, a recent survey found that over 70% were in an unfavourable condition
- By using less water we can help to reduce the fall in groundwater levels, thereby reducing stress on woodlands
- Trees are about 75% water
- By using less water we can help reduce emissions of greenhouse gases which are responsible for climate change
- By using less water we can help reduce damage to wildlife habitats in wetlands and rivers
- Just one dripping overflow can waste over 85 litres a day – a whole bathful of water
- The average household uses about 15% less water when a water meter is installed
- Simply installing dual-flush toilets, using water efficient appliances and low-flow taps and showers can reduce your water consumption by about 25%
- An estimated 25 million refugees are displaced annually by contamination of rivers and river basins, more than are forced to flee from war zones
- By 2025 there will be another 2 billion more people requiring food and water
- Much of the world faces acute water shortages
- Rivers and lakes have shrunk or dried up in the poor areas of Central Asia
- In the wealthy south-western states of the USA the once mighty Colorado River now no longer even reaches the sea
- Beijing, China: the groundwater level has been dropping by about 2 metres every year, and now over a third of the city's wells have dried up
- 1.1 billion people in the world do not have access to safe water, this is roughly one sixth of the world's population
- 2.6 billion people in the world do not have access to adequate sanitation; this is roughly two-fifths of the world's population
- A child dies every 15 seconds from water-related diseases. This amounts to nearly 6000 deaths, or the equivalent to 20 jumbo jets crashing everyday
- The average person in the developing world uses 10 litres of water every day for drinking, washing and cooking. This is the same amount used in the average flush of a UK toilet
- 40 billion working hours are spent carrying water each year in Africa