

Water is the driver of Nature.

Leonardo da Vinci

In the Western United States,
water flows uphill to money.

Glen Sanders (from Cadillac Desert)

The trees reflected in the river –
they are unconscious of a spiritual
world so near to them.

So are we.

Nathaniel Hawthorne

Water is the best of all things.

*PINDAR (c. 522-438 B.C.),
Olympian Odes*

The frog does not drink up the
pond in which he lives.

American Indian Saying

Water is the only drink for a
wise man.

Henry David Thoreau

Water, taken in moderation,
cannot hurt anybody.

Mark Twain

If there is magic on the planet, it
is contained in the water.

Loren Eiseley

The Earth's Water

Water source	Water volume, in cubic miles	Percent of total water
Oceans	317,000,000	97.24%
Icecaps, Glaciers	7,000,000	2.14%
Ground water	2,000,000	0.61%
Fresh-water lakes	30,000	0.009%
Inland seas	25,000	0.008%
Soil moisture	16,000	0.005%
Atmosphere	3,100	0.001%
Rivers	300	0.0001%
Total water volume	326,000,000	100%

Source: Nace, U.S. Geological Survey, 1967

Another 9,000,000 cubic miles is locked in aquifers deep below the earth's surface.

Just six countries—Brazil, Canada, China, Colombia, Indonesia and Russia—account for half of Earth's total renewable freshwater supply. Canada ranks near the top of water wealth, with more than 92,000 cubic meters of water per inhabitant. At the water-poor end of the spectrum are Jordan with annual renewable supplies of 138 cubic meters per person, Israel with 124, and Kuwait with essentially none.

World Watch

For each ton of recycled paper you save...

7000 gallons of water

&

17 trees

4200 Kilowatt-hours of energy

20lbs of carbon dioxide emissions

40lbs of nitrogen emissions

3 cubic yards of landfill space

a British tonne is 2204 pounds

A person must consume 2.5
quarts of water per day from all
sources (drinking, eating) to
maintain health.

U.S. EPA

62,600 gallons of water are
needed to produce one ton
of steel.

U.S. EPA

The United States consumes
water at twice the rate of other
industrialized nations.

National Park Service

66% of the human body is water;
75% of the human brain is water.

U.S. EPA

75% of a living tree is water.

U.S. EPA

Americans flush 6.8 billion
gallons of water down their
toilets every day.

National Park Service

Irrigation of the land with
seawater desalinated
by fusion power is ancient.
It's called 'rain'.

Michael McClary

If you're not part of the solution,
you're part of the precipitate.

Steven Wright

The society which scorns excellence in
plumbing as a humble activity and tolerates
shoddiness in philosophy because it is an
exalted activity will have neither good
plumbing nor good philosophy;
neither its pipes nor its theories
will hold water.

John W. Gardner

Water flows humbly to the lowest
level.

Nothing is weaker than water,
Yet for overcoming what is hard
and strong,
Nothing surpasses it.

Lao Tzu, Tao Te Ching

A standard urinal uses one gallon
per flush

U.S. Department of Energy

A standard toilet uses 1.6
gallons/flush

Environmental Building News

The average Californian uses 100
gallons of water per day.

Where this water is used:

Toilets 32%

Showers 22%

Faucets 19%

Washing Machines 14%

Leaks 12%

Dishwashers 1%

Alfalfa consumes almost 25 percent of California's irrigation water -- more water than any other crop in the state -- but accounts for less than 4 percent of the state's agricultural revenue. Almost nine times more water is used on California alfalfa fields than is used in the city of Los Angeles.

Natural Resource Defense Council

Tumble-action clothes washers save 38% of the water and 58% of the energy used by conventional washers.

U.S. Department of Energy

A yard designed with xeriscape landscaping, which draws on a wide variety of indigenous and drought-tolerant plants, shrubs and ground cover to replace conventional lawns and non-native plants, typically requires 30-80% less water than a conventional yard, and can reduce fertilizer and herbicide use as well.

Worldwatch Institute

The average 5-minute shower takes
between 15 and 25
gallons of water.

American Water Works Association

Comparing 5,200 gallons of water used by taking a 7 minute shower every day for a year, to the 5,214 gallons of water it takes to produce a pound of beef (using the estimate noted by water specialists at the University of California), you realize that in California today, **you can save more water by not eating a pound of beef than you will save by not showering for a year.**

www.vegsource.com

Preliminary estimates indicate that total energy used to pump and treat water in California exceeds 15,000 GWh per year, or at least 6.5% of the total electricity used in the State per year.

California Department of Water Resources

If all the world's water were to fit into a gallon jug, the fresh water available for us to use would equal only about one tablespoon.

National Park Service

Only 1% of the world's water is available for all of humanity's needs — all its agricultural, residential, manufacturing, community, and personal needs.

U.S. EPA

Thermoelectric power generation (e.g. coal-fired power plants) accounts for 39% of freshwater use in the U.S., making it the second largest water end use. As coal plants are our primary national source of electricity, conserving electricity conserves water.

U.S. Geological Survey (1st fact)

Leaks account for 12% of an average Californian's daily water use.

The Pacific Institute

Bottled water can cost 240 to 10,000 times more than tap water, and may not be any more safe to drink. Around 25-35% of bottled water sold in the U.S. comes from a city or town's tap water, sometimes further treated, sometimes not.

Natural Resources Defense Council

It takes 39,090 gallons of water on average to manufacture a new car.

EPA

The water supply and wastewater systems of the United States consume 75 billion kWh of electricity each year. This is equivalent to the entire residential electricity usage for the state of California, the generation of which releases more carbon dioxide than 4 million average cars.

Energy Down the Drain: A Natural Resources

The water you drank this morning might have been the same water a dinosaur drank millions of years ago.

Water Education Foundation

Agriculture accounts for 87% of all the
fresh water consumed each year in the
U.S.

*Livestock Production: Energy Inputs and the
Environment, by David Pimentel*

If 20% of U.S. homes switched to high-
efficiency clothes washers, we would
save over 26 billion gallons of potable
water and enough energy to heat
800,000 homes.

*U.S. Department of Energy
(quoted on Maytag Website)*

Fuel-efficient vehicles conserve more than just gasoline. SUVs consume around three times as much fuel, and it takes 18 gallons of water to produce each gallon of gasoline.

*2004 State of the World Trends and Facts
by World Watch*

Amount of water it would take, per day, to support 4.7 billion people at the United Nations daily minimum:

2.5 billion gallons

Amount of water used, per day, to irrigate the world's golf courses:

2.5 billion gallons

Academy of Natural Sciences, "Know Your

Replacing an old toilet with an efficient new model will save a typical household 7,900 to 21,700 gallons of water annually.

A Consumer's Guide to Water Conservation

Current area of the Colorado River Delta, which now receives only 0.1% of the water that once flowed through it:

150,000 acres

Area that could be covered to a depth of 2 feet with water drawn from the Colorado River by the city of Las Vegas and its 60+ golf courses:

150,000 acres

You can lead a horse to water but
you can't make him drink.

Common Saying

When the well's dry, we know
the worth of water.

Benjamin Franklin

Our bodies are molded rivers.

Novalis

In every glass of water we drink, some of the water has already passed through fishes, trees, bacteria, worms in the soil, and many other organisms, including people... Living systems cleanse water and make it fit, among other things, for human consumption.

Elliot A. Norse, Animal Extinctions

Don't empty the water jar
until the rain falls.

Philippine proverb

Filthy water cannot be washed.

African proverb

Water sustains all.

Thales of Miletus, 600 B.C.

**By means of water,
we give life to everything.**

Koran, 21:30

Humans, despite our artistic pretensions, our sophistication, and our many accomplishments, owe our existence to a six inch layer of topsoil and the fact that it rains.

Author Unknown

When you drink the water,
remember the spring.

Chinese proverb

What runs but never gets tired?

Till last by Philip's farm I flow
To join the brimming river,
For men may come and men may go, But
I go on for ever.

Alfred Lord Tennyson, The Brook

Any river is really the summation
of the whole valley. To think of it
as nothing but water is to
ignore the greater part.

Hal Borland, This Hill, This Valley

We forget that the water cycle and
the life cycle are one.

Jacques Cousteau

If the cost of the water used by the cattle business was fully passed on to consumers, beef would cost \$35 per pound.

Diet for a New America (1987)
by John Robbins

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