GREENER

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DAY 10 WATER

PGC 2017



2009 MacBook Laptop

I could not find the exact or even estimated water footprint of an Apple laptop because Apple does not disclose that information to the public. I imagine the water footprint is very large considering it's an electronic item , is made of plastic , aluminum, and glass, and is mass produced in a large factory. I'm assuming that the Asus U33jc-A1 laptop has a smaller water footprint since it is more environmentally friendly - made out of bamboo which an energy efficient motor. Next time I purchase a laptop, I will purchase one with a smaller water footprint.



Organic Banana

On average a banana requires 160 litres of water. Globally a banana requires 790 litres of water per kg. I am not surprised by 160 but by 790. How can one banana take 790 litres of water? A banana needs 160 litres of water because it needs to grow on a tree with water, sunlight and oxygen. There is not an exact alternative to bananas. I would have to make a dietary change like switch to a different type of fruit.



Cotton Bed Sheets

It is estimated that to make one non-organic cotton bed sheet it takes 2,800 gallons of water. This didn't surprise me at all since I know that cotton is a very water intense crop. Cotton requires a lot of water because it is grown in a very dry climate and it just needs a lot of water to grow and thrive. An alternative to cotton sheets would be hemp sheets because its consumes at least 50% less water and needs little irrigation.

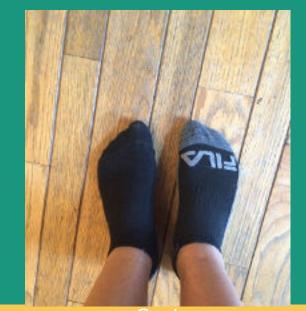






Lamp/Light bulb

To power a 60 watt incandescent light bulb for 12 hours, you need 3,000-6,000 gallons of water. Now I'm not exactly sure what type of light bulb I have and I certainly do not have my lamp on for 12 hours so the water needed for my lamp would probably be much less than that number. Although that surprised me a lot. Just to power one light bulb, it requires at least 3,000 gallons? That is a lot of water. An alternative to my light bulb would be to change the light bulb or the energy source. I could switch to solar power or a lesser watt of light bulb.

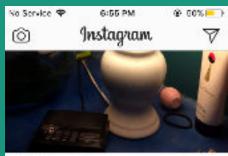


Socks

To make socks I am estimating that it would take 200 gallons of water. That is if the socks are made or cotton because for a cotton shirt, it requires 400 gallons of water. I am not surprised by this amount of water because as I mentioned previously cotton needs a lot of water to grow. An alternative to cotton socks could be bamboo or even recycled synthetic socks. Bamboo still takes up quite a bit of water but is still better than cotton.







QUA

cat.3287 Hey guys me again and as you can probably guess today's theme is water. Did you know that to power one 80 watt light bulb for 12 hours it requires 3,000 6,000 galions of water? If you do the water footprint calculater, you'll learn about virtual water and how that affects our item and food production. To not waste so much water with one light bulb, one could switch to a more environmentally friendly light bulb or they could completely switch their energy source (solar power). I personally don't have my light on for 12 hours but just remember to turn off your lights when you walk out of the room! @turninggreenerg #PGC2017

10 SECONDS ACO.



Cat.3287 Ok people last post...today. Nov Pm talking bout my socks. How much wate

i'm talking bout my socks. How much water do you think it takes to produce a pair of cotton socks? It's estimated at about 200 gallons of water. Cotton is a huge water consumer so just to make socks it takes a lot. An alternative to cotton socks would be bamboo socks or even recycled synthetic socks. The more you know. (sourhinggreenorg #PGC2017

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