

Living Without Services

By Paul and Liz Downing



This Is Where We Are



What We Bought



What We Bought



The Property Now



Solar Panels



Batteries



Consumption Figures

- Telephone 2.5A
- Wi Fi 0.5A
- Laptop Computer 1.7 to 2.0A
- Small Light 0.9 to 1.4A
- Lounge Lights 1.8A
- Stereo System 2.8A
- House Water Pump 3.8A
- Main Water Pump 17A

Generators



Water Supply



Piping To The House



Connection At The House



Storage



Disposal



A Different Life Style



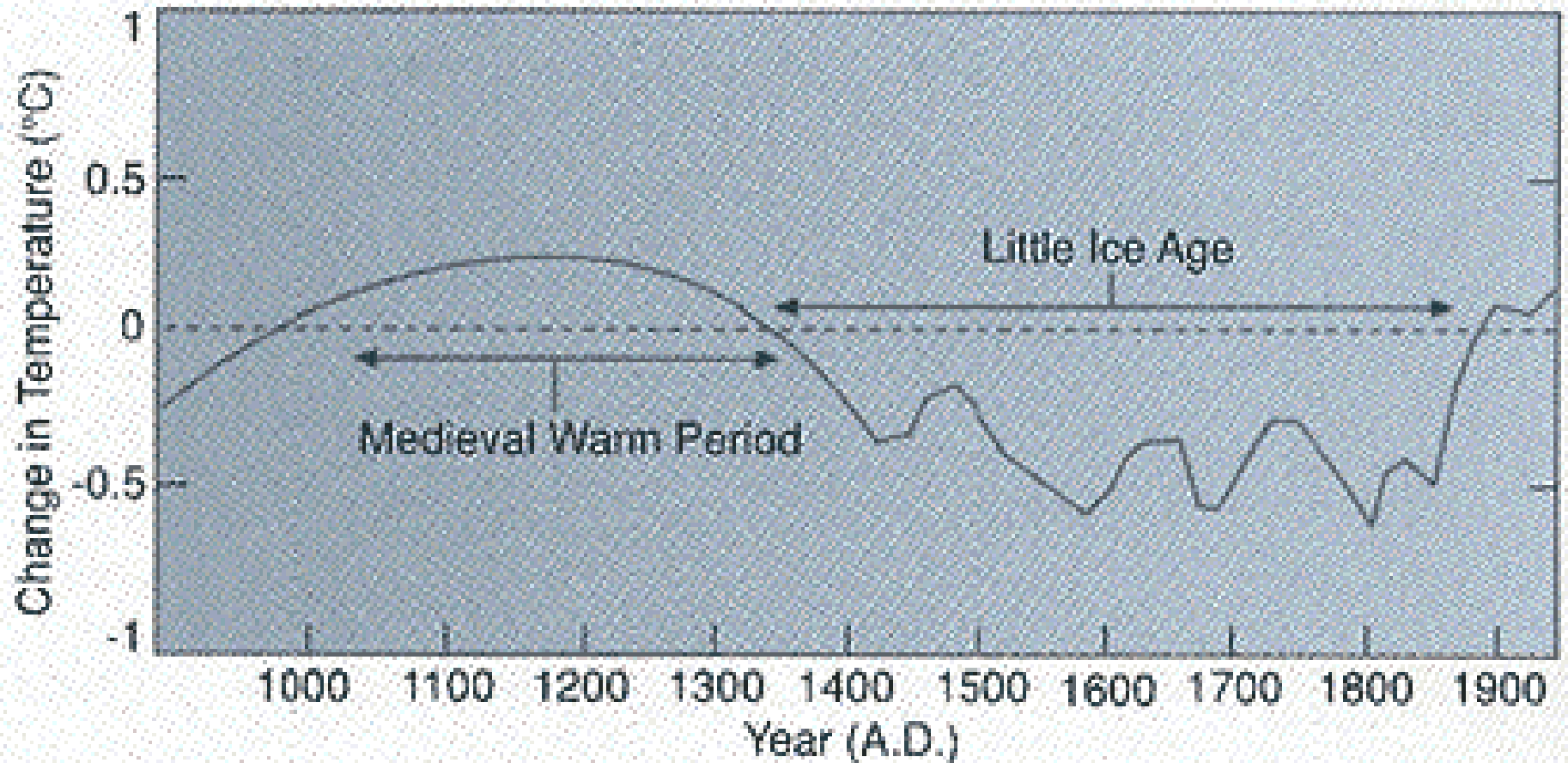
Imagine Life Without

- An iron
- TV
- Tumble dryer
- Vacuum cleaner
- Toaster
- Electric kettle
- Hairdryer
- Microwave
- Electric blanket

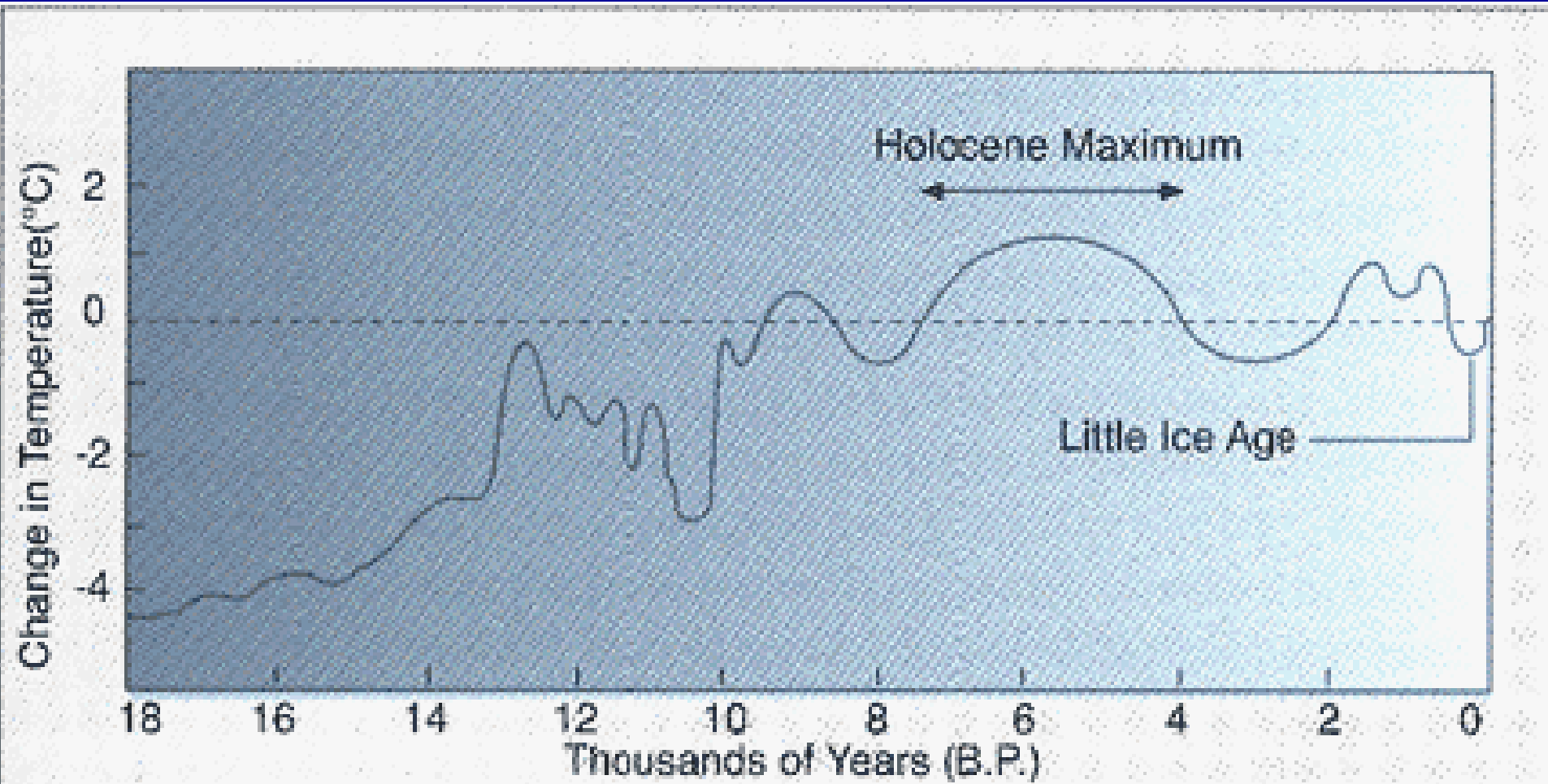
An Example of What We Do



Global Temperatures Since 900AD

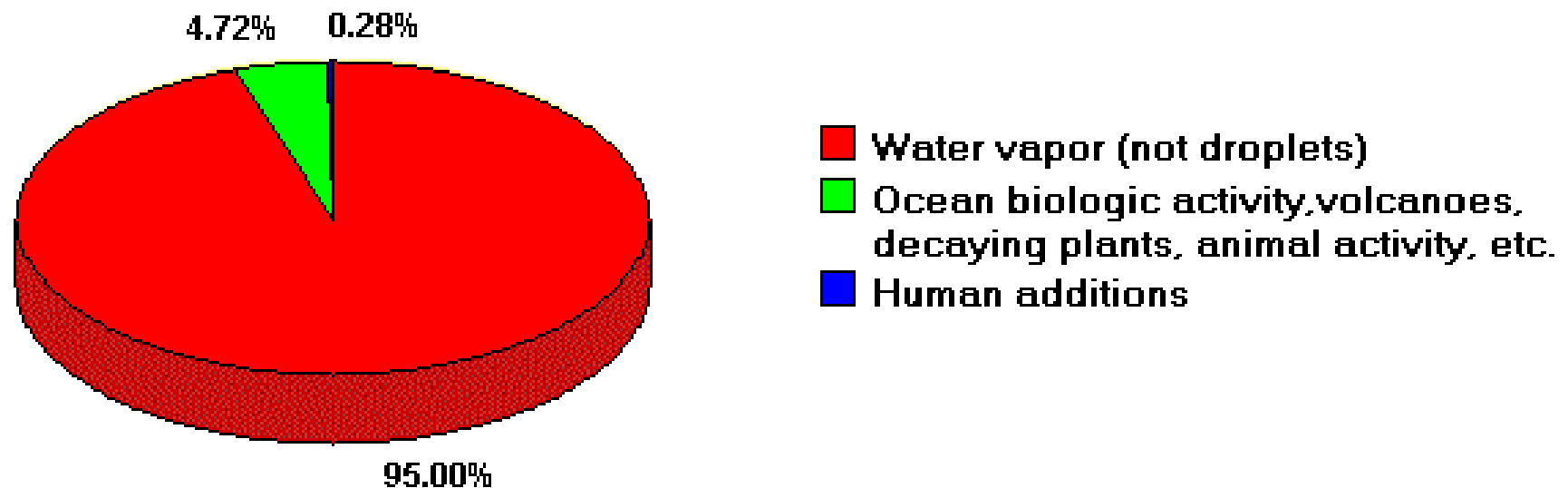


Global Temperatures Since 18,000 ybp

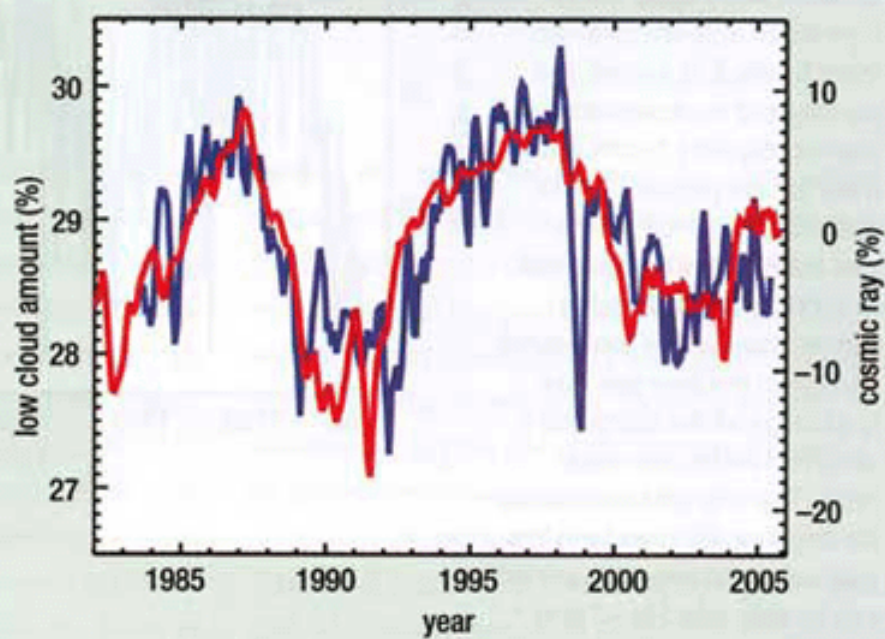


Sources of Greenhouse Gases

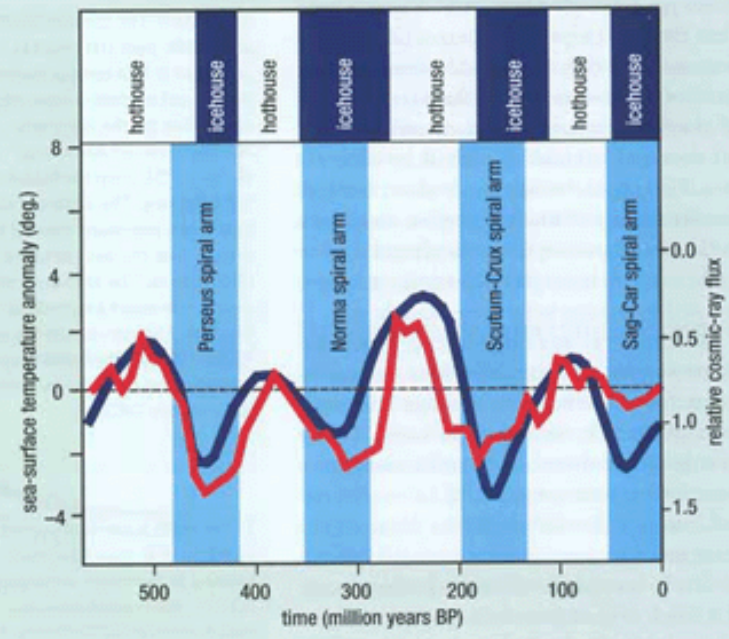
Contributions to the "Greenhouse Effect" expressed as % of total



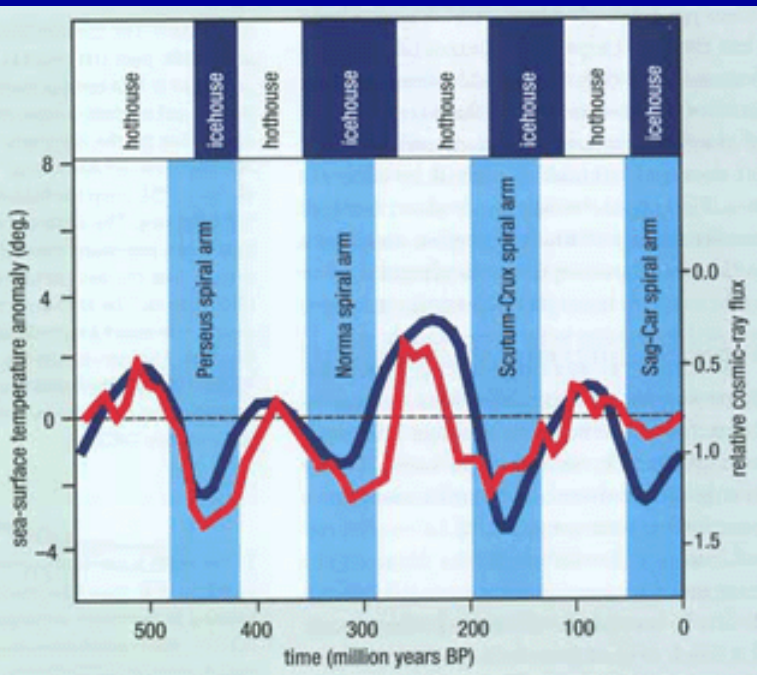
NOTE: "Contributions" are defined as concentrations adjusted for GWP (global warming potential, relative to CO₂).



Four switches from warm "hothouse" to cold "icehouse" conditions during the Phanerozoic are shown in variations of several degrees K in tropical sea-surface temperatures (red curve). They correspond with four encounters with spiral arms of the Milky Way and the resulting increases in the cosmic-ray flux (blue curve, scale inverted). (After Shaviv and Veizer 2003)



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The Sun's motion relative to the galaxy's spiral arms over the past 200 million years is defined by changes in the angle ϕ . The most recent spiral-arm crossings ϕ_1 and ϕ_2 were at $\sim 100^\circ$ and $\sim 25^\circ$. Climatic data show rhythmic cooling of the Earth whenever the Sun crossed the galactic midplane, where cosmic rays are locally most intense. From these geophysical data, the astrophysical data shown in table 1 can be inferred. (Svensmark 2006a)

