

Re: There is enough oil on Earth for 1000 years !

Source: <http://sci.tech-archive.net/Archive/sci.energy/2004-11/0037.html>

From: Ed Earl Ross (*edearl_at_satx.rr.com*)

Date: 10/31/04

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Here is another comparison.

The mass of air on earth is $5.3e18$ kg.

By weight, the atmosphere is composed of oxygen (23.2%), nitrogen (75.5%) and trace gases for the remaining 1.2%.

$$23.2\% = 0.232$$

$$5.3e18\text{kg} * .0232 = 1.3e18\text{kg (oxygen in the atmosphere)}$$

The specific weight of crude oil is about $950\text{kg/m}^3 = 9.5e2\text{kg/m}^3$.

We are currently using $4.8e6\text{m}^3/\text{yr}$ of oil.

$$9.5e2\text{kg/m}^3 * 4.8e6\text{m}^3/\text{yr} = 45.6e8\text{kg/yr}$$

By weight, crude oil contains about 85% carbon and 13% hydrogen. Carbon burns into CO_2 and hydrogen into H_2O . The effect of other 2% will be ignored here, except that it adds to consumption of oxygen when burned.

Rolf Martens wrote:

> *In article <Pi_gd.43081\$186.9596@fe1.texas.rr.com>, edearl@satx.rr.com says...*

>

>

>

>> *Personally, I believe there is only enough easily-accessed oil to last*

>> *till about 2040-2050, but the 1000 year claim is not totally outrageous.*

>> *The earth is large enough to contain that amount of oil.*

>

>

> *Yes. And there *is* enough oil to last a very long*

> *time, at least. See:*

>

> *Gas Resources Corporation, Houston, Texas, USA (J.F. Kenney):*

> <http://www.gasresources.net>

>

> *or*

>

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- > *Homepage of professor Thomas Gold, USA (still available):*
- > <http://www.people.cornell.edu/pages/tg21/>.
- >
- >
- >
- >> *Even if there were oil to last 1000 years, IMHO, to plan on using it is*
- >> *suicidal because of CO2 and other emissions. That goes for coal, too.*
- >> *IMHO, using all of the known coal reserves is a suicidal plan, because*
- >> *of emissions.*
- >
- >
- > *No. The "manmade global warming" propaganda is another*
- > *hoax, intended, as is the "we're running out of oil",*
- > *hoax, to make energy as scarce and expensive as possible.*
- >
- > *See:*
- >
- > *Some websites refuting the big "manmade global warming" hoax:*

I'll agree to disagree with you. I'm not into hoax theories, such as the globe is not warming, oil is really unlimited, the world is flat, the earth is the center of the universe, and NASA+Hollywood faked the moon landings. History will record which of us was swayed by rhetoric and which by facts.

- > *Still Waiting For Greenhouse*
- > *(John L. Daly; site continued by others):*
- > www.john-daly.com
- >
- > *CO2 Science Magazine*
- > *(Craig D. Idso and others):*
- > <http://www.co2science.org>
- >
- > *The Science & Environmental Policy Project*
- > *(S. Fred Singer and others):*
- > <http://www.sepp.org>
- >
- > *CO2 and Climate*
- > *(Ned Leonard):*
- > www.CO2andClimate.org
- >
- > *JunkScience.com*
- > *(Steve Milloy):*
- > <http://www.junkscience.com>
- >
- > *Global Warming in a Politically Correct Climate*
- > *(Mikhel Mathiesen):*
- > <http://members.aol.com/scriptec/>
- >
- > *The abovementioned hoaxes are coming from precisely*
- > *those same arch-reactionaries in society who are*

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- > *also very intensively combating nuclear energy, the*
- > *quite superior energy source.*
- >
- > *The common denominator of the hoaxes, the aim of*
- > *those people:*
- >
- > *To make all energy as scarce and expensive as only*
- > *they can.*
- >
- > *Rolf M.*
- >