

# Re: Chicken Little?

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.design/2007-01/msg01662.html>

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- *From:* [don@xxxxxxxxxxxxxxxx](mailto:don@xxxxxxxxxxxxxxxx) (Don Klipstein)
  - *Date:* Thu, 11 Jan 2007 22:45:59 +0000 (UTC)
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In article <pan.2007.01.11.16.24.59.457134@xxxxxxxxxxxx>, Rich Grise wrote:

On Thu, 11 Jan 2007 09:23:24 +0000, Robert Latest wrote:

On Thu, 11 Jan 2007 06:06:22 +0000 (UTC),  
Don Klipstein <[don@xxxxxxxxxxxxxxxx](mailto:don@xxxxxxxxxxxxxxxx)> wrote in Msg.

The way I have been hearing it, the ozone depletion that mainly occurred from the 1970's to the 1990's was a cause of global warming. Depletion of ozone allows more solar radiation (specifically UV of wavelengths in the UVB range and maybe the shortest wavelengths of the UVA range) to reach Earth's surface.

No. The UV portion of the sun's radiaton does not significantly contribute to global warming. It does contribute to skin cancer though.

And the whole "ozone depletion" craze is a crock of shit.

Didn't anybody learn in school that UV dissociates O<sub>2</sub> molecules, which then oxidizes other O<sub>2</sub> into O<sub>3</sub>, which eventually breaks down spontaneously anyway? It's the OXYGEN that filters the UV – ozone is a side effect.

Oxygen just absorbs UV of wavelengths shorter than somewhere around 200 nm. Ozone absorbs longer wavelengths up to about 300–310 nm.

There's an ozone hole over the antarctic because there's no sunlight there, notwithstanding the auroras, which also break down ozone. Nobody spotted the "hole" before because nobody had ever looked for one.

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The Antarctic has sunlight half the time, just like every other location in the world.

They have been tracking the ozone hole since 1979, and it did a lot of growing from then to the mid 1990's.

[http://www.cpc.noaa.gov/products/stratosphere/sbu2to/ozone\\_hole.shtml](http://www.cpc.noaa.gov/products/stratosphere/sbu2to/ozone_hole.shtml)

[http://ozonewatch.gsfc.nasa.gov/monthly/climatology\\_09.html](http://ozonewatch.gsfc.nasa.gov/monthly/climatology_09.html)

[http://ozonewatch.gsfc.nasa.gov/monthly/climatology\\_10.html](http://ozonewatch.gsfc.nasa.gov/monthly/climatology_10.html)

[http://ozonewatch.gsfc.nasa.gov/monthly/climatology\\_11.html](http://ozonewatch.gsfc.nasa.gov/monthly/climatology_11.html)

– Don Klipstein (don@xxxxxxxxx)

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