

## Fantastic Tool for Visualizing the Ionosphere

First, get Google Earth:

<http://earth.google.com>

Then go to this NASA site for an explanation of how to download the Ionospheric data tags:

[http://science.nasa.gov/headlines/y2008/30apr\\_4dionosphere.htm?list2125](http://science.nasa.gov/headlines/y2008/30apr_4dionosphere.htm?list2125)

Then go to this NASA site:

<http://terra1.spacenvironment.net/%7Eionops/ES4Dintro.html>

...and download:

- > Radio Availability
- > Total Electron Content
- > Maximum Useable Frequency

This models the ionosphere in real time on your computer screen, showing the geographic charge distribution and intensity, letting you visualize the likely HF propagation paths around the world. This is a very useful propagation prediction tool. The best part is, it's free.

